

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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September 13, 2012

10-SJ-4, 99-R19.5/R20.1, 15.0/18.6

10-3A1004

Project ID 1000000409

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN JOAQUIN COUNTY IN AND NEAR STOCKTON ON ROUTE 4 FROM ADELBERT AVENUE TO 0.1 MILE WEST OF GOLDEN GATE AVENUE OVERCROSSING AND ON ROUTE 99 FROM 0.4 MILE NORTH OF ARCH ROAD UNDERCROSSING TO 0.1 MILE SOUTH OF ROUTE 4 WEST/99 NORTH CONNECTOR OVERCROSSING.

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, September 18, 2012.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and the Bid book.

Project Plan Sheets 182, 654, 793, 794, 795, 803, 992, 1002, 1015, 1174, 1188, 1189, 1194, 1202, 1217, 1230, 1256, 1273, 1288, 1300, 1302 and 1308 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 538A is added. A copy of the added sheet is attached for addition to the project plans.

In the Special Provisions, Section 10-1.58, "CONCRETE STRUCTURES," subsection "COLUMN ENCASEMENT," is added as attached.

In the Bid book, in the "Bid Item List," Items 126, 197, 233, 243, 244, 257, 329 are revised, Items 332, 333, 334, 335 are added and Items 272, 278, 279, 331 are deleted as attached.

To Bid book holders:

Replace pages 9, 12, 14, 15, 16, 19 of the "Bid Item List" in the Bid book with the attached revised pages 9, 12, 14, 15, 16 and 19 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
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September 13, 2012

10-SJ-4, 99-R19.5/R20.1, 15.0/18.6
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This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/10/10-3A1004

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 *Ch. Meherishi*

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

Attachments

COLUMN ENCASEMENT

This work consists of encasing existing concrete pile extensions as shown on the plans, and in conformance with these special provisions.

Attention is directed to "Water Control and Conservation" of these special provisions.

Existing pile extensions, as shown on the plans, shall be encased using stay-in-place fiberglass reinforced polyester (FRP) form, sealed at bottom with flapper valve or gate valve for filling.

Prior to installing the FRP form, all unsound concrete shall be removed and the piles shall be cleaned of all material that would in any way prevent the bond between new and existing concrete.

Structure backfill shall not be placed around repaired columns until concrete has been cured for at least 72 hours and has attained a minimum compressive strength of 1200 psi. Concrete admixture, if used, shall not be calcium chloride.

Concrete used to fill the FRP form shall conform to the provisions in Section 90, "Portland Cement Concrete," of the Standard Specifications, except that the grading for the coarse aggregate shall be as follows:

Sieve Size	Percentage Passing
1/2"	100
3/8"	85-100
No. 4	0-30
No. 8	0-20

Concrete for filling FRP form shall consist of, by volume, 1 part portland cement, 3 parts fine aggregate, and 2 parts coarse aggregate. Concrete shall have sufficient water added to cause it to flow without segregation.

Proportioning of the aggregates is based on loose air-dried aggregates.

Welded wire fabric shall conform to the provisions in Section 52, "Reinforcement," of the Standard Specifications. FRP form shall have interior locking 2-bead closure which permanently locks form to the pile after filling with concrete. Column caps and other accessories shall be used as recommended by the FRP form manufacturer.

Concrete shall be pumped into the bottom of the FRP form until undiluted concrete is flowing freely from the top of the FRP form.

FRP form shall remain in place after placing concrete filling. Column clamps, gate valves, and other accessories shall be removed not less than 24 hours after placing concrete.

Column encasement will be measured and paid for by the linear foot.

The contract price paid per linear foot for column encasement shall include full compensation for furnishing all labor, materials (including excavation and backfill, placing concrete, reinforcing steel and fiberglass reinforced polyester FRP form, removing unsound concrete and cleaning existing pile surfaces), tools, equipment, and incidentals and for doing all the work involved in column encasement, completed in place, as shown on the plans, and these special provisions, and as directed by the Engineer.

BID ITEM LIST
10-3A1004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	490504	DRIVE STEEL PILE (HP 10 X 42)	EA	102		
122	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	11,849		
123	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	187		
124	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	37,862		
125	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	580		
126	490601	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	12,962		
127	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	5,606		
128	043948	FURNISH PILING (CLASS 90) (ALTERNATIVE Y)	LF	480		
129	043949	DRIVE PILE (CLASS 90) (ALTERNATIVE Y)	EA	12		
130	043950	FURNISH 15" PRECAST PRESTRESSED CONCRETE PILING	LF	660		
131	490738	FURNISH PILING (CLASS 140)	LF	1,671		
132	490739	DRIVE PILE (CLASS 140)	EA	34		
133	043951	DRIVE 15" PRECAST PRESTRESSED CONCRETE PILE	EA	12		
134	495103	FURNISH 16" CAST-IN-STEEL SHELL CONCRETE PILING	LF	1,192		
135	495104	DRIVE 16" CAST-IN-STEEL SHELL CONCRETE PILE	EA	26		
136	043952	30" DRILLED HOLE	LF	1,871		
137	498009	16" CAST-IN-DRILLED-HOLE CONCRETE PILING (BARRIER)	LF	10,700		
138	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
139 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	2,287		
140 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	12,597		

BID ITEM LIST
10-3A1004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	560244	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	3,000		
182	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	1,210		
183	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	780		
184	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	310		
185	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	890		
186	561005	36" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	78		
187	561016	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	170		
188	562004	METAL (RAIL MOUNTED SIGN)	LB	120		
189	566011	ROADSIDE SIGN - ONE POST	EA	170		
190	566012	ROADSIDE SIGN - TWO POST	EA	26		
191	568007	INSTALL SIGN OVERLAY	SQFT	10		
192	568016	INSTALL SIGN PANEL ON EXISTING FRAME	SQFT	260		
193	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	2		
194 (F)	575004	TIMBER LAGGING	MFBM	20		
195	043957	CLEAN AND PAINT STEEL SOLDIER PILING	LS	LUMP SUM	LUMP SUM	
196	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	LUMP SUM	LUMP SUM	
197	597601	PREPARE AND STAIN CONCRETE	SQFT	11,521		
198	620060	12" ALTERNATIVE PIPE CULVERT	LF	2,290		
199	620100	18" ALTERNATIVE PIPE CULVERT	LF	3,010		
200	620140	24" ALTERNATIVE PIPE CULVERT	LF	31,400		

**BID ITEM LIST
10-3A1004**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221	705315	24" ALTERNATIVE FLARED END SECTION	EA	42		
222	705321	36" ALTERNATIVE FLARED END SECTION	EA	20		
223	705500	AUTOMATIC DRAINAGE GATE	EA	1		
224	707106	18" PRECAST CONCRETE PIPE INLET	LF	15		
225	707117	36" PRECAST CONCRETE PIPE INLET	LF	170		
226	719300	MANHOLE	EA	46		
227	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	73		
228	721011	ROCK SLOPE PROTECTION (NO. 2, METHOD B)	CY	1,010		
229 (F)	721810	SLOPE PAVING (CONCRETE)	CY	303		
230	043958	SLOPE PAVING (RIVER ROCK)	SQFT	4,568		
231	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	2,550		
232	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	4,450		
233 (F)	731517	MINOR CONCRETE (GUTTER)	LF	378		
234	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	28,400		
235	740500	DRAINAGE PUMPING EQUIPMENT	LS	LUMP SUM	LUMP SUM	
236	741001	PUMPING PLANT ELECTRICAL EQUIPMENT	LS	LUMP SUM	LUMP SUM	
237 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	108,119		
238 (F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	211,869		
239 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	5,169		
240	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	23,400		

BID ITEM LIST
10-3A1004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
241	024244	PIPE FENCE	LF	700		
242	800365	CHAIN LINK FENCE (TYPE CL-6, SLATTED)	LF	3,180		
243	802560	10' CHAIN LINK GATE (TYPE CL-6)	EA	16		
244	802580	12' CHAIN LINK GATE (TYPE CL-6)	EA	1		
245	024245	PIPE GATE	EA	5		
246	820107	DELINEATOR (CLASS 1)	EA	490		
247	820110	MILEPOST MARKER	EA	22		
248	820134	OBJECT MARKER (TYPE P)	EA	4		
249	832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	5,420		
250	839220	DOUBLE METAL BEAM GUARD RAILING (WOOD POST)	LF	25		
251 (F)	833032	CHAIN LINK RAILING (TYPE 7)	LF	1,072		
252 (F)	833033	CHAIN LINK RAILING (TYPE 7 MODIFIED)	LF	2,954		
253 (F)	833140	CONCRETE BARRIER (TYPE 26)	LF	824		
254 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	2,378		
255 (F)	833143	CONCRETE BARRIER (TYPE 26A MODIFIED)	LF	27		
256	839312	DOUBLE THRIE BEAM BARRIER (STEEL POST)	LF	2,220		
257 (F)	839521	CABLE RAILING	LF	666		
258	839541	TRANSITION RAILING (TYPE WB)	EA	21		
259	839566	TERMINAL SYSTEM (TYPE CAT)	EA	1		
260	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	5		

BID ITEM LIST
10-3A1004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
261	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	2		
262	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	19		
263	839701	CONCRETE BARRIER (TYPE 60)	LF	3,020		
264	839703	CONCRETE BARRIER (TYPE 60C)	LF	10,600		
265 (F)	839704	CONCRETE BARRIER (TYPE 60D)	LF	1,246		
266	839700	CONCRETE BARRIER (TYPE 60F)	LF	730		
267	839706	CONCRETE BARRIER (TYPE 60G)	LF	480		
268	839708	CONCRETE BARRIER (TYPE 60GC)	LF	2,450		
269	839709	CONCRETE BARRIER (TYPE 60GE)	LF	180		
270	024246	CONCRETE BARRIER (TYPE 60GR)	LF	92		
271 (F)	839725	CONCRETE BARRIER (TYPE 736)	LF	422		
272	BLANK					
273 (F)	043959	CONCRETE BARRIER (TYPE 736S)	LF	449		
274	BLANK					
275 (F)	043961	CONCRETE BARRIER (TYPE 736SV, HE=2')	LF	50		
276 (F)	043962	CONCRETE BARRIER (TYPE 736SV, HE=1')	LF	100		
277	839734	CONCRETE BARRIER (TYPE 736SV)	LF	3,290		
278	BLANK					
279	BLANK					
280	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	222,000		

BID ITEM LIST
10-3A1004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
321	861105	RAMP METERING SYSTEM (LOCATION 5)	LS	LUMP SUM	LUMP SUM	
322	861106	RAMP METERING SYSTEM (LOCATION 6)	LS	LUMP SUM	LUMP SUM	
323	024255	REMOVE EXISTING SIGNAL AND LIGHTING EQUIPMENT	LS	LUMP SUM	LUMP SUM	
324	861497	MODIFY SIGNAL AND LIGHTING (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
325	861498	MODIFY SIGNAL AND LIGHTING (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
326	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
327	024256	MODIFY SIGNAL AND LIGHTING (COUNTY STREET LOCATION 1)	LS	LUMP SUM	LUMP SUM	
328	BLANK					
329	044064	CONCRETE BARRIER (TYPE 736A MODIFIED)	LF	451		
330	044065	CONCRETE BARRIER (TYPE 736SV, HE=3')	LF	25		
331	BLANK					
332	044071	COLUMN ENCASEMENT	LF	56		
333 (F)	044072	CONCRETE BARRIER (TYPE 742 MOD)	LF	320		
334 (F)	044073	CONCRETE BARRIER (TYPE 742A MOD)	LF	119		
335	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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