

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!*

September 30, 2015

12-Ora-133-9.5
12-ON1104
Project ID 1213000116
ACNHP-X059(064)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ORANGE COUNTY IN IRVINE AT ROUTE 133/5 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 Wednesday, October 14, 2015.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book, Information Handout*, and the Federal Minimum Wages with Modification Number 15 dated 09/04/2015.

Project plan sheets 1, 2, 4, 5, 9, 10, 11, 12, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 47, 49, 50 and 67 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 24A, 38A, 38B, 38C and 39A are added and attached for addition to the project plans.

In the *Notice to Bidders*, the twelfth paragraph is replaced as follows:

"Complete the work, excluding plant establishment work, within 400 working days."

In the *Notice to Bidders*, the thirteenth paragraph is replaced as follows:

"Complete the work, including plant establishment work, within 640 working days."

In the *Special Provisions*, Section 1-1.01, is replaced as attached.

12-Ora-133-9.5
 12-0N1104
 Project ID 1213000116
 ACNHP-X059(064)E

In the Special Provisions, Section 2-1.06B, the table is replaced as follows:

Supplemental Project Information	
Means	Description
Included in the <i>Information Handout</i>	1. Aerially Deposited Lead (ADL) Investigation Report 2. Geotechnical Design Report (GDR) 3. Geotechnical Design Recommendations Report 4. Materials Letter Report 5. Ramp Closure Study 6. Revised Ramp Closure Study 7. Late pickup Approval & Calculations
Available as specified in the <i>Standard Specifications</i>	1. Cross Sections
Included with the project plans	1. Log of Test Borings
Available for inspection at the District Office Telephone no.:949 279-8708	1. Bridge as-built drawings.

In the Special Provisions, Section 5-1.02C, is added as follows:

"Add to section 5-1.20C:

This project does not include work on the railroad property, but a railroad is shown on the general plan sheet within the project limits. Do not trespass on the railroad property at SC-133: SCRRA/Metrolink – Technology Drive UC & OH R/L, PM 9.78/9.82, City of Irvine."

In the Special Provisions, Section 8-1.04C, the third paragraph is replaced as follows:

"Do not start job site activities until the Department authorizes or accepts your submittal for:

1. CPM baseline schedule
2. WPCP or SWPPP, whichever applies
3. Notification of DRA or DRB nominee and disclosure statement
4. Contingency plan for opening closures to public traffic."

In the Special Provisions, Section 12-2.02, the fifth paragraph is replaced as follows:

"The legend for the type of project on construction project funding signs must read as follows:"

"HIGHWAY CONSTRUCTION"

In the Special Provisions, Section 12-4.02, the revision clause "Add to section 12-4.02C" is deleted.

In the Special Provisions, Section 12-4.05B, "Chart 2-M", is added as attached.

*"Provide a safe, sustainable, integrated and efficient transportation system
 to enhance California's economy and livability"*

12-Ora-133-9.5
12-0N1104
Project ID 1213000116
ACNHP-X059(064)E

In the Special Provisions, Section 12-4.05D, "Chart 1-C" is deleted.

In the Special Provisions, Section 12-4.05E, "Chart 2-M" is deleted.

In the Special Provisions, Section 12-4.05D, "Chart 2-C" is replaced as attached.

In the Special Provisions, Section 12-4.05E, "Chart 3-C" is replaced as attached.

In the Special Provisions, Section 19-10.04, is deleted.

In the Special Provisions, Section 20-3.01C (5), is deleted.

In the Special Provisions, Section 56-2.01D, is added as follows:

"Replace the 1st paragraph of section 56-2.01D with:

The payment quantity for retroreflective sheeting (Type XI) for any type of sign panel is the area of the panel determined from the dimensions shown.

Payment for retroreflective sheeting (Type XI) is not included in the payment for furnishing any type of sign panel."

In the Special Provisions, Section 68, "SUBSURFACE DRAINS", is deleted.

The *Information Handout* is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 3, 6, 7, 9, 10, 11, 28, 32, 45, 46, 50, 79, 100, 108 and 111 are replaced.

In the *Bid* book, in the "Bid Item List," Items 120, 121, 122 and 123 are added.

In the *Bid* book, in the "Bid Item List," Item 83 and 119 are 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.

Addendum No. 1
Page 4
September 30, 2015

12-Ora-133-9.5
12-0N1104
Project ID 1213000116
ACNHP-X059(064)E

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/12/12-0N1104

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,



ADNAN MAIAH
Deputy District Director/SFP
Capital Outlay Program

Attachments

Add to section 1-1.01:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
029550	CHEMICAL PERMEATION GROUTING	19
045022	STRUCTURE EXCAVATION (SLOPE PAVING)	19
045023	STRUCTURE BACKFILL (SLOPE PAVING)	19
029551	ENDOMYCORRHIZAL INOCULUM	20
029552	FURNISH SINGLE SHEET ALUMINUM SIGN (0.08"-UNFRMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029553	RETROREFLECTIVE SHEETING (TYPE XI)	56
029554	LIGHTING AND SIGN ILLUMINATION (TEMPORARY)	86
029555	MICROWAVE VEHICLE DETECTION SYSTEM (TEMPORARY)	86
029556	COMMUNICATION SYSTEM (TEMPORARY)	86
029557	COMMUNICATION SYSTEM	86

CONTRACT NO. 12-0N1104
REPLACED PER ADDENDUM NO. 1 DATED SEPTEMBER 30, 2015

Replace "Reserved" in section 12-4.05B with:

Chart no. 2-M																									
Complete Ramp Closure Hours/Ramp Lane Requirements																									
County: Orange							Route/Direction: SR-133 NB & SB										PM: 9.5								
Closure limits: For both direction on SR-133 NB & SB																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	2	1	1	1	1	2	S															S	S	2	2
Fri	2	1	1	1	1	2	S															S	S	2	2
Sat	2	1	1	1	1	1	1	2	2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	2	2
2	2	1	1	1	1	1	1	2	2	S	S	S	S	S	S	S	S	S	S	S	S	S	S	2	2

Legend:

1 Provide at least 1 ramp lane, not less than 11 feet in width, open in direction of travel

2 Provide at least 2 adjacent ramp lanes open in direction of travel

S Shoulder closure allowed

Work allowed within the highway where shoulder or lane closure is not required

REMARKS:

CONTRACT NO. 12-0N1104
 ADDED PER ADDENDUM NO. 1 DATED SEPTEMBER 30, 2015

Replace "Reserved" in section 12-4.05D with:

Chart no. 2-C																									
Complete Connector Closure Hours/Connector Lane Requirements																									
County: Orange					Route/Direction: 5/133 SB										PM: 9.5										
Closure limits: SB SR-133 to SB I-5 Connector in City of Irvine																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C	C
Fri	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C	C
Sat	C	C	C	C	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C	C
Sun	C	C	C	C	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C	C

Legend:

1 Provide at least 1 connector lane open in direction of travel

C Connector may be closed completely

REMARKS:

Replace "Reserved" in section 12-4.05E with:

Chart no. 3-C																									
Complete Ramp Closure Hours/Ramp Lane Requirements																									
County: Orange							Route/Direction: 5 /133 NB Connector							PM: 9.5											
Closure limits: NB I-5 to NB SR-133 connector in City of Irvine																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C
Fri	C	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C
Sat	C	C	C	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C	C
Sun	C	C	C	C	C	C	C	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C	C

Legend:

1 Provide at least 1 connector lane, not less than 11 feet in width, open in direction of travel

C Connector may be closed completely

REMARKS:

CONTRACT NO. 12-0N1104
 REPLACED PER ADDENDUM NO. 1 DATED SEPTEMBER 30, 2015

**BID ITEM LIST
12-0N1104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	400	2,800	
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120120	TYPE III BARRICADE	EA	6		
7	120165	CHANNELIZER (SURFACE MOUNTED)	EA	90		
8	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
9	129000	TEMPORARY RAILING (TYPE K)	LF	8,310		
10	129100	TEMPORARY CRASH CUSHION MODULE	EA	120		
11	129150	TEMPORARY TRAFFIC SCREEN	LF	4,470		
12	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
13	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
14	130310	RAIN EVENT ACTION PLAN	EA	47	500.00	23,500.00
15	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	19		
16	130330	STORM WATER ANNUAL REPORT	EA	3	2,000.00	6,000.00
17	130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	38,400		
18	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	8		
19	130640	TEMPORARY FIBER ROLL	LF	11,500		
20	130680	TEMPORARY SILT FENCE	LF	3,260		

**BID ITEM LIST
12-0N1104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	4		
22	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
23	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
24	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	4,500		
25	150661	REMOVE GUARDRAIL	LF	4,330		
26	150668	REMOVE FLARED END SECTION	EA	1		
27	150685	REMOVE IRRIGATION FACILITY	LS	LUMP SUM	LUMP SUM	
28	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	28,700		
29	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	260		
30	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	19,900		
31	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	130		
32	150722	REMOVE PAVEMENT MARKER	EA	1,550		
33	150801	REMOVE OVERSIDE DRAIN	EA	1		
34	150812	REMOVE PIPE (LF)	LF	470		
35	150820	REMOVE INLET	EA	6		
36	150850	REMOVE SLOPE PAVING (SQFT)	SQFT	38,651		
37	029550	CHEMICAL PERMEATION GROUTING	CY	7,400		
38	156590	REMOVE CRASH CUSHION (SAND FILLED)	EA	14		
39	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
40	180106	DUST PALLIATIVE	LS	LUMP SUM	LUMP SUM	

**BID ITEM LIST
12-0N1104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	190101	ROADWAY EXCAVATION	CY	92,000		
42 (F)	045022	STRUCTURE EXCAVATION (SLOPE PAVING)	CY	2,462		
43 (F)	045023	STRUCTURE BACKFILL (SLOPE PAVING)	CY	2,462		
44	198010	IMPORTED BORROW (CY)	CY	106,000		
45	198250	GEOSYNTHETIC REINFORCEMENT	SQYD	24,600		
46	200122	WEED GERMINATION	SQYD	59,000		
47	202006	SOIL AMENDMENT	CY	50		
48	029551	ENDOMYCORRHIZAL INOCULUM	LB	510		
49	204011	PLANT (GROUP K)	EA	76		
50	204035	PLANT (GROUP A)	EA	6,430		
51	204038	PLANT (GROUP U)	EA	31		
52	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	
53	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
54	205035	WOOD MULCH	CY	5,050		
55	206400	CHECK AND TEST EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
56	206402	OPERATE EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
57	206560	CONTROL AND NEUTRAL CONDUCTORS	LS	LUMP SUM	LUMP SUM	
58	206564	1 1/2" REMOTE CONTROL VALVE	EA	2		
59	206565	2" REMOTE CONTROL VALVE	EA	32		
60	208445	TREE WELL SPRINKLER ASSEMBLY	EA	220		

**BID ITEM LIST
12-0N1104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	208446	RISER SPRINKLER ASSEMBLY (GEAR DRIVEN)	EA	350		
62	208447	POP-UP SPRINKLER ASSEMBLY (GEAR DRIVEN)	EA	43		
63	208450	DRIP VALVE ASSEMBLY	EA	3		
64	208575	2" GATE VALVE	EA	1		
65	208589	4" GATE VALVE	EA	2		
66 (F)	208595	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	7,400		
67 (F)	208596	1 1/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	8,950		
68 (F)	208597	1 1/2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,500		
69 (F)	208605	2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	13,300		
70 (F)	208607	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	1,100		
71 (F)	208608	4" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	2,070		
72	208683	BALL VALVE	EA	5		
73	208739	10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	50		
74	210010	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	1		
75	210210	EROSION CONTROL (DRY SEED) (SQFT)	SQFT	8,200		
76	210250	EROSION CONTROL (BONDED FIBER MATRIX) (SQFT)	SQFT	8,200		
77	210600	COMPOST	SQFT	8,200		
78	260203	CLASS 2 AGGREGATE BASE (CY)	CY	1,760		
79	390132	HOT MIX ASPHALT (TYPE A)	TON	7,040		
80	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	1,430		

**BID ITEM LIST
12-0N1104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	70		
82	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	1,850		
83	BLANK					
84	397005	TACK COAT	TON	14		
85 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	20		
86	029552	ROADSIDE SIGN - ONE POST	EA	3		
87	029553	FURNISH SINGLE SHEET ALUMINIUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	48		
88	568048	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	48		
89	641107	18" PLASTIC PIPE	LF	18		
90	641113	24" PLASTIC PIPE	LF	280		
91	665017	18" CORRUGATED STEEL PIPE (.079" THICK)	LF	47		
92	665023	24" CORRUGATED STEEL PIPE (.079" THICK)	LF	120		
93	705011	18" STEEL FLARED END SECTION	EA	1		
94	721810	SLOPE PAVING (CONCRETE)	CY	464		
95	721812	SLOPE PAVING (CONCRETE PAVERS)	SQFT	727		
96	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	38,000		
97 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	2,282		
98	820107	DELINEATOR (CLASS 1)	EA	4		
99	832006	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	LF	3,950		
100	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	1,590		

**BID ITEM LIST
12-0N1104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	839543	TRANSITION RAILING (TYPE WB-31)	EA	7		
102	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	2		
103	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	5		
104	839591	CRASH CUSHION, SAND FILLED	EA	14		
105	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	15,300		
106	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	5,230		
107	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	130		
108	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	28,700		
109	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	260		
110	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	380		
111	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,180		
112	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
113	860460	LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
114	029554	LIGHTING AND SIGN ILLUMINATION (TEMP)	LS	LUMP SUM	LUMP SUM	
115	029555	MICROWAVE VEHICLE DETECTION SYSTEM (TEMP)	LS	LUMP SUM	LUMP SUM	
116	860930	TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
117	029556	COMMUNICATION SYSTEM (TEMP)	LS	LUMP SUM	LUMP SUM	
118	029557	COMMUNICATION SYSTEM	LS	LUMP SUM	LUMP SUM	
119	BLANK					
120	190136	ROADWAY EXCAVATION (DETOUR)	CY	65		

BID ITEM LIST
12-0N1104

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	190138	ROADWAY EXCAVATION (DETOUR REMOVAL)	CY	62		
122	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	370		
123	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$ _____