

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30<sup>th</sup> 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!*

December 8, 2015

07-LA-5-C43.9/C46.4

07-302904

Project ID 0713000478

ACNHPI-005-3(115)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY NEAR SYLMAR FROM 0.5 MILE SOUTH OF SAN FERNANDO ROAD OVERHEAD TO 0.2 MILE SOUTH OF WELDON CANYON OVERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions* and the *Bid* book.

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 15, 2015

Project plan sheets 50, 51, 96, and 97 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheet 199A is added and attached for addition to the project plans.

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans is added as follows:

"RSP ES -1C Electrical Systems (Legend and Abbreviations)."

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

In the Special Provisions, Section 37-6.01A, "Summary," the following paragraph is added after the first paragraph:

"The Department is aware of a proprietary automated continuous applicator vehicle and method allegedly covered by United States Patent No. 9,109,332 and 9,115,473. The patentee is DBI Holding, LLC. The Department is aware of an automated continuous applicator vehicle and method by American Civil Constructors."

In the Special Provisions, Section 40-5.02A, "General," the second paragraph is replaced as follows:

"RSC must comply with 90-3. The 2nd paragraph of section 90-1.02I(2)(a) does not apply."

In the Special Provisions, Section 86, "Add to the list in the 5<sup>th</sup> paragraph of the RSS for section 86-1.03," is deleted.

Addendum No. 3  
Page 2  
December 8, 2015

07-LA-5-C43.9/C46.4  
07-302904  
Project ID 0713000478  
ACNHPI-005-3(115)E

In the Special Provisions, Section 86-2.22A, "General," the first paragraph is replaced as follows:

"Closed circuit television (CCTV) system consists of installing conduit, pull boxes, conductors, cable, Fiber Optic Distribution Unit (FDU), Category 5E cable, CCTV camera assembly, CCTV pole, CCTV cabinet, Ethernet switch Type 1, TIA-232 to TIA-422 Converter, Temperature sensor, and Video Encoder (VE)."

In the Special Provisions, Section 86-2.22A(2)(c), "Warranty," and Section 86-2.22B(12), "Video Encoder," are replaced as attached.

In the Special Provisions, Section 86-2.23C(1), "Access to Existing North Hollywood Hub," the second paragraph is replaced as follows:

"The work performed in the hub buildings must take place in the presence of the Engineer and the LARTMC system engineer, telephone (323) 259-1922, or the Caltrans maintenance supervisor or any designee."

In the *Bid* book, in the "Bid Item List," Item 62 is replaced.

In the *Bid* book, in the "Bid Item List," Items 45 and 76 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](http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html)**

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file and attachments are available for the Contractors' download on the Web site:

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/07/07-302904](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-302904)**

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,



CARRIE BOWEN  
District Director

Attachments

**Add to section 1-1.01:  
Bid Items and Applicable Sections**

Item code	Item description	Applicable section
029828	REMOVE CONCRETE PAVEMENT BASE AND SUBBASE	15
029829	DITCH EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	19
029830	ALTERNATE TREATED BASE	28
029831	HIGH FRICTION SURFACE TREATMENT	39
029832	FURNISH FORMED PANEL SIGN (OVERHEAD) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029833	FURNISH LAMINATED PANEL SIGN (1"-TYPE A) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029834	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029835	RETROREFLECTIVE SHEETING (TYPE XI)	56
029837	MISCELLANEOUS METAL (INCLINED SCREEN)	75
029838	MISCELLANEOUS METAL (SCREENED PIPE)	75
029839	ALTERNATIVE CRASH CUSHION	83
029840	MODIFY COMMUNICATION SYSTEM	86
029841	WORK AT NORTH HOLLYWOOD HUB	86
029842	WORK AT LOS ANGELES REGIONAL TRANSPORTATION MANAGEMENT CENTER	86
029843	MODIFY AUTOMATIC VEHICLE CLASSIFICATION STATION	86

**86-2.22A(2)(c) Warranty**

Furnish a 2-year replacement warranty from the manufacturer of CCTV camera assembly, Ethernet switch Type 1, TIA-232 to TIA-422 Converter, Temperature sensor, and Video encoder against defects in materials and workmanship or failures. The effective date of the warranty is the date of acceptance of the installation. Submit all warranty documentation before installation.

Replacement CCTV camera assembly, Ethernet switch Type 1, TIA-232 to TIA-422 Converter, Temperature sensor, and Video encoder must be furnished within 10 days of receipt of a failed unit. The Department will not pay for replacement.

Deliver replacement CCTV camera assembly, Ethernet switch Type 1 and Video Encoder to Department Maintenance Electrical Yard at: 1425 Channing Street, Los Angeles, CA 92618

**86-2.22B(12) Video Encoder**

Electrical power requirements for all new equipment, including surge suppression of transient voltage spikes must be documented and must be met for each equipment configuration.

The video encoder must have remote diagnostic capabilities from the LARTMC and locally in the field cabinet including a built in web server. You must provide IP video encoder manufacturers' recommended hardware options such as lightning arrestors and multiplex devices for use with multiple input IP video encoder.

The video encoder must be measured at each unit furnished, installed, configured and tested as a fully functional and integrated system component.

Video encoder must have the following features:

Video Encoder	
Feature	Parameter/Remarks
Video Standard	SMPTE-170M, 75 ohm
Video Input	75 ohm, BNC Connector
Video Compression	H.264 and Motion JPEG
Video Transmission	768 kHz at 30 fps
Network Interface	Auto sensing 10/100 Base T port, IEEE 802.3
Protocol Support	TCP/IP, UDP/IP (unicast and multicast), Telnet
Frame Rate	Up to 30 fps at 2 CIF
Network Connector	8P8C modular
Serial Data Connector	DE-9
Serial Line Standard	Selectable between TIA-232, TIA-422, TIA-485
Serial Port Function	CCTV command and control
Serial Console Port	TIA-232
Encoder Software Updates	Via Serial port or network port
Encoder Configuration	Via Serial port or network port
Encoder Identification	IP addressable
Image quality and frame rate	configurable
Physical	1U height Rack Mountable, 12" Deep
Operating Temperature	From -30 to 165 °F
Operating Humidity	80 percent maximum relative humidity, noncondensing
Power Input	Power supply (5 V(dc) maximum), 6 watts (maximum) consumption

**BID ITEM LIST  
07-302904**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	200002	ROADSIDE CLEARING	LS	LUMP SUM	LUMP SUM	
42	204035	PLANT (GROUP A)	EA	1,480		
43	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
44	205035	WOOD MULCH	CY	45		
45	BLANK					
46	210430	HYDROSEED	SQFT	32,600		
47	210600	COMPOST	SQFT	34,200		
48	210630	INCORPORATE MATERIALS	SQFT	34,200		
49	260303	CLASS 3 AGGREGATE BASE (CY)	CY	14,700		
50	029830	ALTERNATE TREATED BASE	CY	7,350		
51	360200	BASE BOND BREAKER	SQYD	63,000		
52	029831	HIGH FRICTION SURFACE TREATMENT	SQYD	6,610		
53	390132	HOT MIX ASPHALT (TYPE A)	TON	1		
54	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	1,570		
55	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	890		
56	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	2,500		
57	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	6.1		
58	401055	JOINTED PLAIN CONCRETE PAVEMENT (RSC)	CY	23,900		
59	410096	DRILL AND BOND (DOWEL BAR)	EA	2,200		
60	414242	ISOLATION JOINT SEAL (PREFORMED COMPRESSION)	LF	40,200		

**BID ITEM LIST  
07-302904**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (F)	510050	STRUCTURAL CONCRETE	CY	29.3		
62 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	18.3		
63 (F)	520101	BAR REINFORCING STEEL	LB	6,291		
64	566011	ROADSIDE SIGN - ONE POST	EA	2		
65	568016	INSTALL SIGN PANEL ON EXISTING FRAME	SQFT	3,840		
66	029832	FURNISH FORMED PANEL SIGN (OVERHEAD) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	1,100		
67	029833	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	2,750		
68	029834	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	32		
69	029835	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	3,870		
70	650014	18" REINFORCED CONCRETE PIPE	LF	590		
71	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	15		
72	721431	CONCRETE (CONCRETE APRON)	CY	1.5		
73	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	12		
74 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	3,260		
75	750007	FRAME AND GRATE	EA	7		
76	BLANK					
77 (F)	750500	MISCELLANEOUS METAL	LB	1,852		
78 (F)	029837	MISCELLANEOUS METAL (INCLINED SCREEN)	LB	170		
79 (F)	029838	MISCELLANEOUS METAL (SCREENED PIPE)	LB	1,091		
80	820107	DELINEATOR (CLASS 1)	EA	240		