

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.  
Help save water!*

November 16, 2015

07-LA-210-R24.7/R44.9

07-306404

Project ID 0714000165

ACNHPI-210-1(830)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY FROM 0.2 MILE NORTH OF ROUTE 134/210 SEPARATION TO 0.2 MILE EAST OF NORTH AMELIA AVENUE UNDERCROSSING to revise the project plans and the *Notice to Bidders and Special Provisions*.

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 Thursday, November 19, 2015.

Project plan sheet 126 is replaced and attached for substitution for the like-numbered sheet.

In the Special Provisions, Section 86-2.31B, "MATERIALS," is replaced as attached.

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.

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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/07/07-306404](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-306404)**

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 CARRIE BOWEN  
District Director

Attachments

### 86-2.31B Materials

Electrical power requirements for 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. Provide IP video encoder manufacturers' recommended hardware options such as lightning arrestors and multiplex devices for use with multiple input IP video encoder.

Video encoder must comply with the following table:

Video Encoder	
Feature	Parameter/Remarks
Video Standard	SMPTE-170, 75 ohm
Video Input	75 ohm, BNC Connector
Video Compression	MPEG-4 Part 10 (ISO/IEC 14496-2) 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 2CIF
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, non-condensing
Power Input	Power supply (5 V(dc) maximum), 6 watts (maximum) consumption