

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

July 18, 2014

01-Lak-20-13.5/31.4

01-0B0004

Project ID 0112000003

ACSTP-P020(170)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LAKE COUNTY AT GLENHAVEN FROM 0.1 MILE WEST OF SAYRE AVENUE TO 0.2 MILE WEST OF ROUTE 53.

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, July 30, 2014.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and the Federal Minimum Wages with Modification Number 10 dated 07/18/2014.

Project plan sheets 24 and 31 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 55A, 56A, 56B and 56C are added and attached for addition to the project plans.

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

"The estimated cost of the project is \$19,700,000."

In the *Special Provisions*, Section 14-11.09, "TREATED WOOD WASTE," is deleted.

In the *Special Provisions*, Add to Section 83-1.02B, the first and second paragraphs are deleted.

In the *Special Provisions*, Section 86, "ELECTRICAL SYSTEMS," is added as attached.

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In the *Bid* book, in the "Bid Item List," Items 60, 61, 62, 63 and 64 are added.

In the *Bid* book, in the "Bid Item List," Item 59 is 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

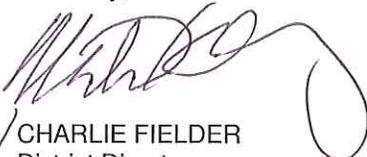
Inform subcontractors and suppliers as necessary.

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/01/01-0B0004

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 CHARLIE FIELDER
District Director

Attachments

86 ELECTRICAL SYSTEMS

Replace "Reserved" in section 86-1.06B with:

Traffic Management System (TMS) elements include, but are not limited to ramp metering (RM) system, communication system, traffic monitoring stations, video image vehicle detection system (VIVDS), microwave vehicle detection system (MVDS), loop detection system, changeable message sign (CMS) system, extinguishable message sign (EMS) system, highway advisory radio (HAR) system, closed circuit television (CCTV) camera system, roadway weather information system (RWIS), visibility sensor, and fiber optic system.

Existing TMS elements, including detection systems, shown and located within the project limits must remain in place and be protected from damage. If the construction activities require existing TMS elements to be nonoperational or off line, and if temporary or portable TMS elements are not shown, the Contractor must provide for temporary or portable TMS elements. The Contractor must receive authorization on the type of temporary or portable TMS elements and installation method.

Before work is performed, the Engineer, the Contractor, and the Department's Traffic Operations Electrical representatives must jointly conduct a pre-construction operational status check of all existing TMS elements and each element's communication status with the Traffic Management Center (TMC), including existing TMS elements not shown and elements that may not be impacted by the Contractor's activities. The Department's Traffic Operations Electrical representatives will certify the TMS elements' location and status, and provide a copy of the certified list of the existing TMS elements within the project limits to the Contractor. The status list will include the operational, defined as having full functionality, and the nonoperational components.

The Contractor must obtain authorization at least 72 hours before interrupting existing TMS elements' communication with the TMC that will result in the elements being nonoperational or off line. The Contractor must notify the Engineer at least 72 hours before starting excavation activities.

Traffic monitoring stations and their associated communication systems, which were verified to be operational during the pre-construction operational status check, must remain operational on freeway/highway mainline at all times, except:

1. For a duration of up to 15 days on any continuous segment of the freeway/highway longer than 3 miles
2. For a duration of up to 60 days on any continuous segment of the freeway/highway shorter than 3 miles

If the construction activities require existing detection systems to be nonoperational or off line for a longer time period or the spacing between traffic monitoring stations is more than the specified criteria above, and temporary or portable detection operations are not shown, the Contractor must provide provisions for temporary or portable detection operations. The Contractor must receive authorization on the type of detection and installation before installing the temporary or portable detection.

If existing TMS elements shown or identified during the pre-construction operational status check, except traffic monitoring stations, are damaged or fail due to the Contractor's activity, where the elements are not fully functional, the Engineer must be notified immediately. If the Contractor is notified by the Engineer that existing TMS elements have been damaged, have failed or are not fully functional due to the Contractor's activity, the damaged or failed TMS elements, excluding structure-related elements, must be repaired or replaced, at the Contractor's expense, within 24 hours. For a structure-related elements, the Contractor must install temporary or portable TMS elements within 24 hours. For nonstructure-related TMS elements, the Engineer may authorize temporary or portable TMS elements for use during the construction activities.

The Contractor must demonstrate that repaired or replaced elements operate in a manner equal to or better than the replaced equipment. If the Contractor fails to perform required repairs or replacement work, the Department may perform the repair or replacement work and the cost will be deducted from monies due to the Contractor.

A TMS element must be considered nonoperational or off line for the duration of time that active communications with the TMC is disrupted, resulting in messages and commands not transmitted from or to the TMS element.

The Contractor must provide provisions for replacing existing TMS elements within the project limits, including detection systems, that were not identified on the plans or during the pre-construction operational status check that became damaged due to the Contractor's activities.

If the pre-construction operational status check identified existing TMS elements, then the Contractor, the Engineer, and the Department's Traffic Operations Electrical representatives must jointly conduct a post construction operational status check of all existing TMS elements and each element's communication status with the TMC. The Department's Traffic Operations Electrical representatives will certify the TMS elements' status and provide a copy of the certified list of the existing TMS elements within the project limits to the Contractor. The status list will include the operational, defined as having full functionality, and the nonoperational components. TMS elements that cease to be functional between pre and post construction status checks must be repaired at the Contractor's expense.

The Engineer will authorize the schedule for final replacement, the replacement methods and the replacement elements, including element types and installation methods before repair or replacement work is performed. The final TMS elements must be new and of equal or better quality than the existing TMS elements.

If no electrical work exists on the project and no TMS elements are identified within the project limits, the pre-construction operational status check is change order work.

Furnishing and installing temporary or portable TMS elements that are not shown, but are required when an existing TMS element becomes nonoperational or off line due to construction activities, is change order work.

Furnishing and installing temporary or portable TMS elements and replacing TMS elements that are not shown nor identified during the pre-construction operational status check and were damaged by construction activities is change order work.

If the Contractor is required to submit provisions for the replacement of TMS elements that were not identified, submitting the provisions is change order work.

**BID ITEM LIST
01-0B004**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	33		
42	566011	ROADSIDE SIGN - ONE POST	EA	9		
43 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	2,875		
44	820107	DELINEATOR (CLASS 1)	EA	450		
45	820118	GUARD RAILING DELINEATOR	EA	63		
46	820134	OBJECT MARKER (TYPE P)	EA	2		
47	820151	OBJECT MARKER (TYPE L-1)	EA	4		
48	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	100		
49	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	2,770		
50 (F)	839521	CABLE RAILING	LF	136		
51	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	4		
52	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	359,000		
53	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	2,940		
54	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	17,000		
55	840523	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	8,520		
56	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	39,300		
57	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	4,520		
58	850122	PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)	EA	3,390		
59	BLANK					
60	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	

**BID ITEM LIST
01-0B004**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	390020	PREPAVING GRINDING DAY	EA	4		
62	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
63	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
64	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
