

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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*Flex your power!
Be energy efficient!*

August 29, 2012

06-Kin-41-R37.5/R38.1
06-0J0404
Project ID 0600000156
ACNH-P041(123)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN KINGS COUNTY NEAR LEMOORE FROM 0.3 MILE SOUTH OF JACKSON AVENUE TO 0.3 MILE NORTH OF JACKSON AVENUE.

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, September 19, 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 4, 27, 28, 29 and 41 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 15A is added. A copy of the added sheet is attached for addition to the project plans.

In the Special Provisions, Section 5-1.11, "ENVIRONMENTALLY SENSITIVE AREA," the second paragraph is revised as follows:

"Before start of work, protect the ESA by installing temporary fence (Type Wildlife Exclusion TKR)."

In the Special Provisions, Section 5-1.13, "NONHIGHWAY FACILITIES (INCLUDING UTILITIES)," is added as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the third paragraph is revised as follows:

"Attention is directed to "Environmentally Sensitive Area" and "Temporary Fence (Type Wildlife Exclusion TKR)" of these special provisions. Prior to beginning work, the boundaries of the Environmentally Sensitive Areas (ESA) shall be clearly delineated in the field. The boundaries shall be delineated by the installation of temporary fence (Type Wildlife Exclusion TKR).

In the Special Provisions, Section 10-1.07, "TEMPORARY FENCE (TYPE ESA)," is replaced as attached.

Addendum No. 1
Page 2
August 29, 2012

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In the Bid book, in the "Bid Item List," Item 49 is added and Item I is deleted as attached.

To Bid book holders:

Replace pages 3 and 5 of the "Bid Item List" in the Bid book with the attached revised pages 3 and 5 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.

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/06/06-0J0404

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,



SHARRI BENDER EHLERT
District Director
District 6 Central Region

Attachments

5-1.13 NONHIGHWAY FACILITIES (INCLUDING UTILITIES)

Installation of the utilities shown in the following table requires coordination with your activities. Make the necessary arrangements with the utility company through the Engineer and submit a schedule:

1. Verified by a representative of the utility company
2. Allowing at least the time shown for the utility owner to complete its work

Utility Relocation and Contractor-Arranged Time for the Relocation

Utility	Utility Address	Location	Days
PG&E Electric	650 "O" Street, Mail Bag 23, Fresno, CA 93760 Daniel Van Groningen (559) 978-8191	On poles, south side of Jackson Ave.	7
Comcast Cable TV	1031 N. Plaza Drive Visalia, CA 93291 Michael Corral (559) 735.2104	On poles, south side of Jackson Ave.	7

10-1.07 TEMPORARY FENCE (WILDLIFE EXCLUSION TKR)

GENERAL

Summary

This work includes constructing, maintaining, and removing temporary fence (Wildlife Exclusion TKR) in conformance with the details shown on the plans, as specified in these special provisions and as directed by the Engineer. Temporary fence (Wildlife Exclusion TKR) shall be constructed so that it becomes an impassable barrier to Tipton Kangaroo Rat (TKR) movement.

Submittals

Within 5 days of contract approval submit fence fabric manufacture’s specifications and installation instructions for review. Approval of the material will depend upon compliance with the details shown on the plans and as specified in these special provisions.

Submit a Certificate of Compliance as specified in Section 6-1.07, "Certificates of Compliance" of the Standard Specifications for safety cap for metal posts.

MATERIALS

Used materials may be installed provided the used materials conform to these special provisions.

Fence Fabric

Fence fabric must:

1. Be comprised of a monolithic rigid polymer matrix.
2. Be thermally extruded into an apertured sheet with rigid and thermally bonded strands.
3. Be made from high density polyethylene (HDPE).
4. Contain ultraviolet inhibitors.
5. Be furnished in one continuous width and shall not be spliced to conform to the specified width dimensions.
6. Comply with the requirements shown in the following table:

Property	Specifications	Requirements
Width, inches, Min	Measured	48
Diamond Pattern, aperture opening, inches, Max	Measured	0.25
Square Pattern distance between strand centers, inches, Max	Measured	0.25
Ultraviolet Degradation Percent of original unexposed grab breaking load 500 hr, minimum	ASTM D 4355	70

Fence fabric shall be one of the approved following, or equal:

1. E-Fence™ (EF48), manufactured by ERTEC Environmental Systems, 1150 Ballena Boulevard, Suite 250, Alameda, California 94501, Telephone (510) 373-5377.
2. Specialty Square Mesh Barrier Fencing (Item Number T800A) with 1/5 inch square mesh size, manufactured by 3T Products LLC, 559 Flying Eagle Road Dalmatia, PA 17017, Telephone (866) 439-4660.
3. Anti-Plugging Mesh (Modified from Stock Item Number 009848 to Special Order with a diamond aperture opening of 6mm x 4mm and a weight of 720g/m²), manufactured by Fiberweb®, 2780 Snelling Avenue N, Suite 306, Roseville, Minnesota 55113, Telephone (651) 330-2920.

Posts

Posts must be either wood or steel and installed on the side of the fence away from construction.

Wood posts must be:

1. Untreated fir, redwood, cedar or pine and cut from sound timber.
2. Straight and free of loose or unsound knots and other defects that would render the posts unfit for use.
3. Pointed on the end to be driven into the ground.
4. At least 2" x 2" in size and 6 feet long.

Steel posts must:

1. Have a "U", "T" or "L", or other cross sectional shape that can resist failure from lateral loads.
2. Be pointed on the end to be driven into the ground.
3. Weigh at least 0.75 lbs/foot.
4. Be at least 6 feet long.
5. Have a safety cap attached to the exposed end. The safety cap must be yellow, orange or red plastic and fit snugly to the metal post.

Tension Wire

Tension wire shall be at least 14-gage (0.080-inch dia.) coil spring steel of good commercial quality and shall be galvanized in conformance with the requirements in ASTM Designation: A 116, Coating Class 3.

Fasteners

Fasteners must be:

1. Galvanized tie wires or locking plastic fasteners when fastening fence fabric to posts.
2. 3/4" inch galvanized hog rings when fastening fence fabric to the tension wire.

Tie wires and hog rings shall be 15-gage or heavier and be galvanized in conformance with the requirements in ASTM Designation: A 116, Coating Class 3.

CONSTRUCTION

General

The contractor shall notify the Engineer 48 hours in advance prior to installing the Temporary fence (Wildlife Exclusion TKR). Temporary fence (Wildlife Exclusion TKR) will be installed before utility relocations and clearing and grubbing activities.

Install Temporary fence (Wildlife Exclusion TKR) with fence fabric, posts, tension wire and fasteners as follows:

1. A trench shall be excavated at the designated site perimeter. The trench shall be cut at least 2 inches wide and 6 inches deep. The trench shall be cleared of obstructions including, but not limited to, rocks, clods, and debris greater than 1 inch in any dimension.
2. Install posts in the trench on the side of the fence away from construction, on 8 foot center maximums, along the length of the designated site perimeter. Posts shall be driven into the soil at a minimum of 18 inches deep.
3. Wrap tension wire twice around the top of each post along entire length of the temporary fence (Wildlife Exclusion TKR), making sure to secure and pull wire tight at each post.
4. Insert fence fabric into trench against the posts – then backfill trench with native soil. Fence fabric shall have a minimum height of 36 inches above ground and a minimum of 6 inches buried securely in the ground to prevent TKR passage.
5. Overlap fence fabric segments by at least 6 inches. Install post at each segment overlap. Tie overlapped segments to post with fasteners every 10 inches along vertical height of post. Eliminate gaps in fence fabric by threading (weaving) galvanized wire through fence fabric from top to bottom.
6. Fasten fence fabric to tension wire at 3 foot intervals using hog tie fasteners. Tie fence fabric to post with fasteners every 10 inches along vertical height of post.
7. Posts shall at all times support the fence in a vertical, upright position with no gaps, holes or openings and be able to maintain its integrity under all environmental conditions such as wind and heavy rain.

MAINTENANCE

Temporary fence (Wildlife Exclusion TKR) shall be maintained by:

1. Keeping posts in a vertical position
2. Reattaching fabric to posts
3. Replacing damaged sections of fabric

Repair temporary fence (Wildlife Exclusion TKR) within 24 hours of discovering damage.

REMOVAL

When no longer required, as determined by the Engineer, temporary fence (Wildlife Exclusion TKR), including all materials used in the installation, shall be removed. Removed temporary fence (Wildlife Exclusion TKR) shall become the property of the Contractor and shall be removed from the site of the work, except when reused as provided in this section.

Holes caused by the removal of temporary fence (Wildlife Exclusion TKR) shall be backfilled in conformance with the provisions in the second paragraph of Section 15-1.02, "Preservation of Property," of the Standard Specifications.

MEASUREMENT AND PAYMENT

Temporary fence (Wildlife Exclusion TKR) is measured and paid for by the linear foot in the same manner specified for fence (Type BW or WM) in Section 80, "Fences," of the Standard Specifications.

The contract price paid per linear foot for temporary fence (Wildlife Exclusion TKR) shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in constructing temporary fence (Wildlife Exclusion TKR) complete in place, including maintenance and removal and disposal of materials, and backfilling holes, as specified in these special provisions, and as directed by the Engineer.

BID ITEM LIST**06-0J0404**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	BLANK					
2	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
3	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
4	074028	TEMPORARY FIBER ROLL	LF	2,010		
5	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
6	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
7	074057	STORM WATER ANNUAL REPORT	EA	2	2,000.00	4,000.00
8	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
9	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
10	120182	PORTABLE DELINEATOR	EA	170		
11	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
12	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	4,780		
13	150605	REMOVE FENCE	LF	550		
14	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	5,590		
15	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	290		
16	150722	REMOVE PAVEMENT MARKER	EA	130		
17	152390	RELOCATE ROADSIDE SIGN	EA	10		
18	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	880		
19	153219	REMOVE CONCRETE FLARED END SECTION	EA	8		
20	190101	ROADWAY EXCAVATION	CY	2,380		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	1,300		
42	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	560		
43	840523	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	740		
44	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	1,980		
45	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	360		
46	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
47	861503	MODIFY LIGHTING	LS	LUMP SUM	LUMP SUM	
48	024631	NO. 3 1/2 PULL BOX	EA	1		
49	024669	TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION TKR)	LF	7,500		

TOTAL BID:**\$** _____