

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!
Be energy efficient!*

April 19, 2013

01-Men-1, 20, 101, 162, 175, 271-VAR

01-0A4404

Project ID 0100020315

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MENDOCINO COUNTY AT VARIOUS LOCATIONS.

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 Friday, April 26, 2013.

This addendum is being issued to revise the Notice to Bidders and Special Provisions and the Bid book.

In the Notice to Bidders, the tenth paragraph is revised as follows:

"Complete the work within 345 working days."

In the Special Provisions, Section 1-1.01, "Bid Items and Applicable Sections" the table is replaced as attached.

In the Special Provisions, Section 5-1.32, "AREAS FOR USE," is added as attached.

In the Special Provisions, Section 14-6.02, "SPECIES PROTECTION," is added as attached.

In the Special Provisions, Section 14-6.05, "CONTRACTOR-SUPPLIED BIOLOGIST," is replaced as attached.

In the Special Provisions, Section 14-6.07, "NATURAL RESOURCE PROTECTION PLAN," is replaced as attached.

In the Special Provisions, Section 14-11.08C(3)(c), "Soil Sampling for Debris Containment Verification," the first paragraph and the table following the first paragraph are replaced as attached.

In the Bid book, in the "Bid Item List," Item 2 is revised, Items 41, 42, 43 and 44 are added and Items 15 and 40 are deleted as attached.

Addendum No. 2
Page 2
April 19, 2013

01-Men-1, 20, 101, 162, 175, 271-VAR
01-0A4404
Project ID 0100020315

To Bid book holders:

Replace pages 3, 4 of the "Bid Item List" in the Bid book with the attached revised pages 3, 4, and 4A 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/01/01-0A4404

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

Bid Items and Applicable Sections

Item code	Item description	Applicable section
025428	TEMPORARY PORTABLE SIGNAL SYSTEM	12
025429	ALTERNATIVE TEMPORARY CRASH CUSHION	12
025430	RELOCATE TEMPORARY CRASH CUSHION	12
025617	BAT EXCLUSION	14
025618	SWALLOW EXCLUSION	14
044214	RELOCATE TEMPORARY RAIL (TYPE K)	15
025431	CLEAN CONCRETE SURFACE	15
044215	CLEAN AND SEAL EXISTING CORED HOLE	54
044216	CLEAN AND PAINT STRUCTURAL STEEL (EXISTING BRIDGE) (MOISTURE CURED URETHANE SYSTEM)	59
044217	CLEAN AND PAINT TIMBER (EXISTING BRIDGE RAILING)	59
044218	CLEAN AND PAINT GALVANIZED SURFACES (EXISTING STEEL)	59

Add to section 5-1.32:

The following locations meet environmental compliance for parking and stockpiling:

Co-Route	PM	Side of Highway (i.e. NB, SB)	Description of Area
Men-1	18.5	NB	At north end of bridge on east side, gravel turnout to access road and areas not vegetated by shrubs and trees, to east R/W line
Men-1	18.5	NB & SB	At south end of bridge on east side and west side, gravel shoulder to hinge point, approx. 100 feet long
Men-175	0.5	EB	At east end of bridge on south side, wide gravel turnout to access road, approx. 300 feet along highway and to south R/W line
Men-175	0.5	WB & EB	At west end of bridge on north side and south side, gravel shoulder to hinge point, approx. 300 feet long
Men-101	15.9	NB & SB	At north end of bridge on east side and west side, gravel shoulder to hinge point, approx. 100 feet long
Men-101	15.9	NB & SB	At south end of bridge on east side and west side, gravel shoulder to hinge point, approx. 100 feet long
Men-20	33.6	WB & EB	At west end of bridge on north side and south side, gravel shoulder to hinge point, approx. 100 feet long
Men-20	33.6	WB & EB	At east end of bridge on north side and south side, gravel shoulder to hinge point, approx. 150 feet long
Men-20	36.4	WB & EB	At west end of bridge on north side and south side, gravel shoulder to hinge point, approx. 150 feet long
Men-20	36.4	WB & EB	At east end of bridge on north side and south side, gravel shoulder to hinge point, approx. 150 feet long
Men-20	36.4	EB	Under the east bridge abutment along Vista Del Lago Road, in the unvegetated portion of the shoulder, approx. 100 by 35-foot area
Men-20	37.9	WB & EB	At east end of bridge on north side and south side, gravel shoulder to hinge point, approx. 200 feet long
Men-20	37.9	WB & EB	At west end of bridge on north side and south side, gravel shoulder to hinge point, approx. 200 feet long
Men-162	0.7	WB	At west end of bridge on north side, large gravel turnaround to hinge point, approx. 100 feet along the roadway
Men-162	0.7	WB	At west end of bridge on south side, gravel pullout to hinge point or R/W line, approx. 100 feet long
Men-162	0.7	EB	At east end of bridge on north side, very wide gravel pullout to hinge point, approx. 250 feet long
Men-1	75.0	NB	At north end of bridge on east side, gravel shoulder to hinge point approx. 75 feet long
Men-1	75.0	SB	At north end of bridge on west side, gravel turnout to hinge point, approx 200 feet north of bridge and approx. 75 feet long
Men-1	75.0	NB	At south end of bridge on east side, gravel shoulder to hinge point, approx. 75 feet long
Men-1	75.0	SB	At south end of bridge on west side, gravel turnout to hinge point, approx. 75 feet long
Men 162	10.1	SB	At north end of bridge on west side, wide gravel pullout approx. 150 feet long
Men-162	10.1	SB	At south end of bridge on west side, gravel shoulder and pullout to hinge point, approx. 150 feet long
Men-271	18.4	NB	At north end of bridge on east side and west side, gravel shoulder and wide turnout to hinge points, approx. 150 feet long
Men-271	18.4	SB	At south end of bridge on west side, wide gravel turnout to hinge point, approx. 150 feet long

Replace section 14-6.02 with:

14-6.02 SPECIES PROTECTION

14-6.02A General

Section 14-6.02 includes specifications for protecting regulated species or their habitat.

This project is within or near habitat for regulated species shown in the following table:

Species Name
Bats
Migratory birds, including swallows
Foothill yellow-legged frog
Steelhead and salmon

The Department anticipates roosting by bats or nesting or attempted nesting by migratory and nongame birds from February 1 to August 31.

The 3rd paragraph of section 14-6.03A does not apply.

14-6.02A(1) Submittals

At least 20 days before starting work on bridges, submit a bat exclusion plan to the Engineer for authorization.

The bat exclusion plan must include at minimum:

1. A list of each bridge on the project detailing:
 - A. Whether bats are present on the structure
 - B. Specific locations of bat roosts if present
2. Materials proposed to exclude bats on each bridge where bats are present

At the same time as submitting the bat exclusion plan for the project, submit a bird exclusion plan to the Engineer for authorization.

The bird exclusion plan must include at minimum:

1. A list of each bridge on the project detailing
 - A. Whether bird nests are present on the structure
 - B. General locations of bird nests if present
2. Materials proposed to exclude birds on each bridge where nesting birds are present
3. Methods proposed to discourage birds from rebuilding nests onto exclusion devices or while exclusion devices are being placed

14-6.02B Material

You may use the following bat exclusion devices:

1. Approved soffit opening covers
2. Flexible or rigid foam
3. Geosynthetic fabric
4. Installed debris containment system for cleaning and painting bridges
5. Other materials authorized by the Department biologist and the Engineer.

You may use the following swallow exclusion devices or methods:

1. Opaque durable material such as geosynthetic fabric or heavy duty colored plastic
2. Bird slope or bird slide strips
3. Removal of old, unoccupied or partially constructed nests
4. Installed debris containment system for cleaning and painting bridges
5. Other materials authorized by the Department biologist and the Engineer.

Plastic or wire netting, or material birds can see through is not allowed for bat or bird exclusion.

14-6.02C Construction

14-6.02C(1) General

Not Used

14-6.02C(2) Protective Radius

Upon discovery of a regulated species, stop construction activities within a 100-foot radius of the discovery. Immediately notify the Engineer. Do not resume activities until receiving notification from the Engineer.

14-6.02C(3) Protocols

Not Used.

14-6.02C(5) Protection Measures

Within all bridge locations, implement the following protection measures:

1. Access to the work is not allowed from the bed, bank, or channel of any waterway.
2. Install all scaffolding and perform all work from the bridge deck, within specified work windows.
3. No work is allowed on bridges between February 1 and August 31 of any year unless a biological survey determines birds and bats are not present, or unless authorized bat and bird exclusion is set up and in place outside this time period. You may not use netting for bird exclusion in areas occupied by bats. Obtain authorization on exclusion plans prior to installation of exclusion devices. Remove exclusion devices on completion of the work at each location.
4. At each location, Contractor-supplied biologist will conduct a migratory bird nest survey two weeks prior to work between February 1 and August 31 of any year. If work occurs outside this time period, no survey is required. If an active nest is found, all work within 100 feet of the active nest must wait until after nest occupants have fledged, or until September 1.
5. After the start of installation for containment or exclusion, Contractor-supplied biologist must perform migratory bird nest surveys every two weeks between February 1 and August 31 until containment or exclusion is completed in place.
6. Use a Contractor-supplied biologist to perform surveys for the presence of both bats and migratory birds at each bridge location before submitting exclusion plans.
7. If both bats and migratory birds are not present at a bridge location, exclusion devices are not required.
8. Do not start work on any bridge requiring species protection until exclusion devices are installed.

14-6.02C(6) Monitoring Schedule

Not used.

14-6.02D Payment

Not Used

Replace section 14-6.05 with:

14-6.05 CONTRACTOR-SUPPLIED BIOLOGIST

14-6.05A General

14-6.05A(1) Summary

Section 14-6.05 includes specifications for providing a Contractor-supplied biologist to monitor construction and other activities to protect regulated species that may be harmed during construction activities.

14-6.05A(2) Submittals

14-6.05A(2)(a) Qualifications

Within 7 days after Contract approval, submit each biologist's name, resume, and statement of qualifications. Allow 15 days for review. If the submittal is incomplete, the Engineer will provide comments. Within 7 days after receiving the Engineer's comments, update and resubmit qualifications data. Do not start construction activities until the Contractor-supplied biologist is authorized.

14-6.05A(2)(b) Protocols

Not Used.

14-6.05A(2)(c) Pre-Construction Survey Report

Submit a pre-construction survey report within 14 days before starting construction activities.

14-6.05A(2)(d) Initial Monitoring Report

Submit an Initial Monitoring Report that includes, at a minimum, the requirements for Monitoring Report submittals within 12 hours after starting ground-disturbing activities.

14-6.05A(2)(e) Monitoring Report

14-6.05A(2)(e) Monitoring Report

Submit Monitoring Reports according to the schedule in the Natural Resources Protection Plan.

14-6.05A(2)(f) Incident Report

Submit an Incident Report within 24 hours of the incident.

14-6.05A(2)(g) Annual Monitoring Report

Submit no later than January 15 during each year of construction.

14-6.05A(2)(h) Final Monitoring Report

Submit no later than 20 days after completion of the project.

14-6.05A(3) Quality Control and Assurance

14-6.05A(3)(a) Qualifications

A biologist must meet PLAC requirements. Provide required qualifications for transmittal to regulatory agencies. All project specific authorizations must be current and valid for the duration of the project.

Biologists who perform specialized activities must have demonstrated field experience working with the species or performing the specialized task. Biologists who perform specialized activities must meet the following minimum requirements:

1. Provide documentation showing a minimum of two years experience performing preconstruction surveys for migratory birds and for bats.
2. Be familiar with current standards for and implementation of bird exclusion and bat exclusion on transportation structures.
3. Provide documentation showing a minimum of two years experience consulting with CDFW or USFWS concerning sensitive species on construction projects.

14-6.05A(3)(b) Protocols

Use protocols required in PLACs.

14-6.05B Materials

Not Used

14-6.05C Construction

14-6.05C(1) General

Not Used

14-6.05C(2) Pre-construction Survey

Survey the work area for regulated species within 14 days before starting construction activities.

14-6.05C(3) Protective Radius

Not used.

14-6.05C(4) Monitoring Schedule

Monitoring must comply with the schedule in section 14-6.07.

14-6.05C(5) Monitoring Duties

Implement monitoring as specified in section 14-6.07.

14-6.05C(6) Notification and Reporting

All reports must include the following:

1. PLAC requirement implementation
2. Name(s) of the biologist(s) conducting biological activity
3. Date(s) and time(s) of monitoring
4. Locations and activities monitored
5. Representative photographs
6. Findings
7. If regulated species are observed, reports must recommend actions to protect the regulated species
8. Name of the biologist who prepared the report
9. Signature of the biologist certifying the accuracy of the report

The Pre-Construction Survey Report includes one of the following:

1. Detailed observations and locations where regulated species were observed
2. Statement that no regulated species were observed by each biologist

The Incident Report includes:

1. Description of any take incident
2. Species name and number taken
3. Details of required notifications with contact information
4. Corrective actions proposed or taken
5. Disposition of taken species

The Annual Monitoring Report includes:

1. Construction beginning and ending dates
2. Identification of project impacts on the species covered in the plan
3. Species protection measures with protection measure implementation details
4. Incidental take details, including species name, number taken, people contacted, contact information, and disposition of taken species
5. An assessment of the effectiveness of the species protection measures to mitigate project impacts
6. Recommendations to improve efficiency of protection measures to mitigate impacts to regulated species

The Final Monitoring Report must be a cumulative report following the format of the Annual Monitoring Report.

14-6.05D Payment

Not Used

Replace section 14-6.07 with:

14-6.07 NATURAL RESOURCE PROTECTION PLAN

14-6.07A General

14-6.07A(1) Summary

Section 14-6.07 includes specifications for preparing a plan to protect biological resources.

Prepare a natural resource protection plan that defines measures you will take to maintain project compliance with all environmental laws, regulations, and PLAC requirements.

Comply with section 14-6.02.

14-6.07A(2) Submittals

Submit the natural resource protection plan within 7 days after Contract approval. Allow 15 days for the Engineer's review. If the submittal is incomplete, the Engineer will provide comments. Within 7 days after receiving the Engineer's comments, update and resubmit the natural resource protection plan.

14-6.07A(3) Quality Control and Assurance

The natural resource protection plan must be prepared and signed by a biologist knowledgeable of the species or habitats discussed and address species protection measures.

The natural resource protection plan includes:

1. List of species and habitats addressed in the plan
2. List of protocols for species protection surveys, with full protocols in an appendix
3. Protection measures for regulated species likely to occur in the project site, including bird exclusion plan and bat exclusion plan.
4. Protective radii for regulated species encounters
5. Implementation plan for protection measures, including monitoring schedule
6. Monitoring duties
7. Justification for each instance where protection measures and an implementation plan are not necessary for a regulated species
8. Schedule for inspecting protection measures
9. Schedule for maintaining protection measures
10. Schedule for submittal of monitoring reports
11. Response plan for instances where regulated species are encountered

14-6.07B Materials

Not Used

14-6.07C Construction

Not Used

14-6.07D Payment

Not Used

Collect 5 soil samples before starting work and collect 5 soil samples within 36 hours after completion of cleaning operations of existing steel as shown in the following table:

Soil Samples		
Bridge name and number	Number of soil samples before starting work	Number of soil samples after completion of cleaning operations
Garcia River Bridge Br. No. 10-0113	5	5
Blue Slide Gulch Bridge Br. No. 10-0166	5	5
Russian River Br & OH Br. No.10-0182	5	5
East Fork Russian Bridge Br. No.10-0184	5	5
Outlet Creek Bridge Br. No.10-0233	5	5
Rodeo Creek Bridge Br.No.10-0237	5	5
Russian River Bridge Br.No.10-0045	5	5

BID ITEM LIST
01-0A4404

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	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	345		
3	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
4	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
5	120152	TEMPORARY PAVEMENT MARKING (TAPE)	SQFT	24		
6	120165	CHANNELIZER (SURFACE MOUNTED)	EA	80		
7	025428	TEMPORARY PORTABLE SIGNAL SYSTEM	LS	LUMP SUM	LUMP SUM	
8	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
9	129000	TEMPORARY RAILING (TYPE K)	LF	1,080		
10	025429	ALTERNATIVE TEMPORARY CRASH CUSHION	EA	3		
11	025430	RELOCATE TEMPORARY CRASH CUSHION	EA	3		
12	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
13	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
14	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,760		
15	BLANK					
16	150312	REPAIR SPALLED SURFACE AREA	SQFT	85		
17	150857	REMOVE ASPHALT CONCRETE SURFACING	SQFT	24		
18	044214	RELOCATE TEMPORARY RAIL (TYPE K)	LF	680		
19	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	SQFT	24		
20	025431	CLEAN CONCRETE SURFACE	SQFT	485		

BID ITEM LIST
01-0A4404

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	153227	FURNISH POLYESTER CONCRETE OVERLAY	CF	2		
22 (F)	153228	PLACE POLYESTER CONCRETE OVERLAY	SQFT	24		
23	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
24	511118	CLEAN EXPANSION JOINT	LF	592		
25	519081	JOINT SEAL (MR 1/2")	LF	252		
26	519088	JOINT SEAL (MR 1")	LF	305		
27	519100	JOINT SEAL (MR 2")	LF	33		
28	044215	CLEAN AND SEAL EXISTING CORED HOLES	EA	10		
29	590106	CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LS	LUMP SUM	LUMP SUM	
30	590111	PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LS	LUMP SUM	LUMP SUM	
31	590116	CLEAN AND PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LS	LUMP SUM	LUMP SUM	
32	044216	CLEAN AND PAINT STRUCTURAL STEEL (EXIST BRIDGE)(MOISTURE-CURED URETHANE SYSTEM)	LS	LUMP SUM	LUMP SUM	
33	044217	CLEAN AND PAINT TIMBER (EXISTING BRIDGE RAILING)	LS	LUMP SUM	LUMP SUM	
34	044218	CLEAN AND PAINT GALVANIZED SURFACES (EXISTING STEEL)	LS	LUMP SUM	LUMP SUM	
35	590135	SPOT BLAST CLEAN AND PAINT UNDERCOAT	SQFT	13,935		
36	590301	WORK AREA MONITORING	LS	LUMP SUM	LUMP SUM	
37 (F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	23		
38	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	1,760		
39	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	70		
40	BLANK					

BID ITEM LIST
01-0A4404

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	146001	CONTRACTOR-SUPPLIED BIOLOGIST (DAY)	DAY	35		
42	025617	BAT EXCLUSION	LS	LUMP SUM	LUMP SUM	
43	025618	SWALLOW EXCLUSION	LS	LUMP SUM	LUMP SUM	
44	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
