

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!  
Be energy efficient!*

April 24, 2013

01-Hum-96, 169, 299-VAR

01-OA4504

Project ID 0100020283

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN HUMBOLDT 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 Wednesday, May 1, 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 305 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 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.

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01-Hum-96, 169, 299-VAR  
01-0A4504  
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In the Bid book, in the "Bid Item List," Items 22, 23, 24, and 25 are added and Items 12 and 21 are deleted as attached.

To Bid book holders:

Replace pages 3 and 4 of the "Bid Item List" in the Bid book with the attached revised pages 3 and 4 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/01/01-0A4504](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/01/01-0A4504)**

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

**Add to section 1-1.01:**

**Bid Items and Applicable Sections**

Item code	Item description	Applicable section
025458	ALTERNATIVE TEMPORARY CRASH CUSHION	12
025459	RELOCATE ALTERNATIVE TEMPORARY CRASH CUSHION	12
025460	RELOCATE TEMPORARY RAIL (TYPE K)	12
025629	BAT EXCLUSION	14
025630	SWALLOW EXCLUSION	14
590301	WORK AREA MONITORING	14

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**

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

**BID ITEM LIST**  
**01-0A4504**

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	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
3	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
4	120165	CHANNELIZER (SURFACE MOUNTED)	EA	100		
5	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
6	129000	TEMPORARY RAILING (TYPE K)	LF	600		
7	025458	ALTERNATIVE TEMPORARY CRASH CUSHION	EA	1		
8	025459	RELOCATE ALTERNATIVE TEMPORARY CRASH CUSHION	EA	1		
9	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
10	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
11	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,850		
12	BLANK					
13	025460	RELOCATE TEMPORARY RAILING (TYPE K)	LF	600		
14	590106	CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LS	LUMP SUM	LUMP SUM	
15	590111	PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LS	LUMP SUM	LUMP SUM	
16	590116	CLEAN AND PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LS	LUMP SUM	LUMP SUM	
17	590135	SPOT BLAST CLEAN AND PAINT UNDERCOAT	SQFT	9,008		
18	590301	WORK AREA MONITORING	LS	LUMP SUM	LUMP SUM	
19	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	1,850		
20	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	44		

**BID ITEM LIST**  
**01-0A4504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	BLANK					
22	146001	CONTRACTOR SUPPLIED BIOLOGIST (DAY)	DAY	20		
23	025629	BAT EXCLUSION	LS	LUMP SUM		
24	025630	SWALLOW EXCLUSION	LS	LUMP SUM		
25	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:**

\$ \_\_\_\_\_