

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

May 15, 2015

01-Men-128-Var
01-378144
Project ID 0100000134

Addendum No. 1

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 Wednesday, May 20, 2015.

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

Project plan sheet 24 is replaced and attached for substitution for the like-numbered sheet.

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

"The Contractor must have either a Class A license or any combination of the following Class C licenses which constitutes a majority of the work: C-12, C-42."

In the *Special Provisions*, Section 9-1.16C is added as attached.

In the *Special Provisions*, Section 10-1.03 is replaced as attached.

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

In the *Special Provisions*, Section 14-6.03A is deleted.

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

In the *Special Provisions*, Section 14-6.06, "SPECIES PROTECTION AREA," is added as attached.

In the *Special Provisions*, Section 14-6.08C, "Construction," the third paragraph is deleted.

In the *Bid* book, in the "Bid Item List," Items 43 and 51 are replaced.

In the *Bid* book, in the "Bid Item List," Item 58 is deleted.

In the *Bid* book, in the "Bid Item List," Item 59 and 60 are added.

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*

Addendum No. 1
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May 15, 2015

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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, and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/01/01-378144

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,


CHARLIE FIELDER
District Director

Attachments

Add to section 9-1.16C:

The following items are eligible for progress payment even if they are not incorporated into the work:

1. Culvert Pipe
2. Fences
3. Miscellaneous Iron and Steel
4. Rock Slope Protection
5. Miscellaneous Drainage Facilities

Replace "Reserved" in section 10-1.03 of the RSS for section 10-1 with:

You may work within the drainage channel or wetland areas at these drainage system locations only from June 15 to October 15 of any year.

Drainage System

Number	Post Mile
10	15.52
11	15.56
12	16.11
14	16.99
15	17.02
16	17.26
17	17.45
18	18.97
19	19.94
20	22.34
21	23.30

You may work at these drainage locations only from July 9 to October 15 of any year. At any of these locations, between July 9 and September 15, construction activities generating sound levels of noise 89 db or greater are restricted to up to a total of 2 hours per day, and only between the hours of 10:00 a.m to 4:00 p.m. of each work day. The sound level is measured within 6 feet of the source equipment or tools.

Drainage System

Number	Post Mile
1	10.58
2	10.73
3	11.00
4	11.13
5	11.17
6	11.54
7	12.12
8	14.91
9	15.19
13	16.5

Water must not be allowed to flow across newly placed concrete until the concrete has cured 30 days or as specified in PLAC.

All work must be performed during daylight hours

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
Northern Spotted Owl
Marbled Murrelet
Northern Goshawk
Yellow Warbler
Yellow-breasted Chat
Purple Martin
Yellow Legged Frogs
Pacific Fisher
Red Tree Vole
Townsend's Big-eared Bat
Bald Eagle
California Brown Pelican
Navarro Roach
Pomo Bronze Shoulderband
Northern California Steelhead
Central California Coast Steelhead
Central California Coast Coho

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

14-6.02B Material

Not Used

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 radius of the discovery or as defined in the table below. Immediately notify the Engineer. Do not resume activities until receiving notification from the Engineer.

Regulated species name	Protective radius
Northern Spotted Owl	¼ Mile
Marbled Murrelet	¼ Mile

14-6.02C(3) Protocols

Not Used

14-6.02C(5) Protection Measures

Within species protection area 1, implement the following protection measures:

1. Work in flowing or standing surface waters is prohibited. In the event of sudden thunderstorms or other unusual rain events, temporary dewatering must consist of using sandbags or equivalent method to construct a temporary cofferdam upstream of the work area at the inlet, and downstream of the work area at the outlet. Following construction of the cofferdams, a gravity siphon hose system must be installed to transport upstream flows through the work area to the channel downstream of the work area. If necessary, a pump must be used to convey flows through the hose. Dewatering must be performed in compliance with Caltrans BMPs.
2. No blasting will be permitted.
3. Water for dust abatement, if necessary, must be acquired from an off-site source. On-site drafting is not permitted.
4. Duff at drainage system located at PM's 10.58, 10.73, 11, 11.13, 11.17, 11.54, 12.12 will be collected and stockpiled prior to the start of work, and then re-spread on the graded/bare areas following construction, provided sufficient duff is available to cover all graded/bare areas.
5. Temporary Fence (Type ESA) must be installed around sensitive biological areas as shown on the plans or as directed by the engineer.
6. Prior to beginning work on the project site all construction workers and Caltrans staff will participate in Environmental Awareness training, conducted by the Contractor Supplied Biologist. The topics of the training are listed in the Biological Resource Information section.
7. At PM 15.19, 16.99 and 22.34 preconstruction surveys for amphibians must be conducted 2 weeks prior to the start of construction at that drainage system.
8. Preconstruction surveys for purple martin, yellow warbler, yellow-breasted chats, and for active bird nests must be conducted 2 weeks prior to the start of construction.
9. If an active marbled murrelet nest is discovered in the vicinity of a drainage system job site location, work at that location must be deferred until the end of the nesting season, September 15, or until a qualified biologist confirms that the young have fledged or are otherwise no longer present.
10. Removal of trees less than 6-inches dbh is limited to the minimum necessary to accomplish culvert rehabilitation, and includes only riparian and understory growth in the immediate vicinity of the culverts. The only tree greater than 6-inches dbh to be removed is the single toyon tree at PM 22.34.
11. Do not use herbicides or pesticides.

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 to the project biologist 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 48 hours of the incident.

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

Not Used

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:

Specialized activity/species	Requirements
Amphibian identification	A Bachelors degree in Natural Science with a concentration in animal biology, ecology or wildlife management.
Bird identification	A Bachelors degree in Natural Science with a concentration in animal biology, ecology or wildlife management.

14-6.05A(3)(b) Protocols

Not Used

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

14-6.05D Payment

Not Used

Replace section 14-6.06 with:

14-6.06 SPECIES PROTECTION AREA

14-6.06A General

14-6.06A(1) Summary

Section 14-6.06 includes specifications for areas that have species protection requirements.

Species protection areas (SPAs) within the project limits are shown:

Species Protection Areas

Identification	Location
SPA 1	All Drainage System Locations

14-6.06B Materials

Not Used

14-6.06C Construction

Not Used

14-6.06D Payment

Not Used

BID ITEM LIST**01-378144**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	620140	24" ALTERNATIVE PIPE CULVERT	LF	850		
42 (F)	620800	CONCRETE BACKFILL (PIPE TRENCH)	CY	74		
43	667010	24" X 18" CORRUGATED STEEL PIPE ARCH (.109" THICK)	LF	120		
44	690118	18" CORRUGATED STEEL PIPE DOWNDRAIN (.109" THICK)	LF	22		
45	692307	18" ANCHOR ASSEMBLY	EA	1		
46	705011	18" STEEL FLARED END SECTION	EA	1		
47	705315	24" ALTERNATIVE FLARED END SECTION	EA	6		
48	705405	24" X 18" STEEL FLARED END PIPE ARCH SECTION	EA	1		
49 (F)	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B) (CY)	CY	42.2		
50 (F)	721512	CONCRETED-ROCK SLOPE PROTECTION (FACING, METHOD A) (CY)	CY	3.5		
51	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	130		
52 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	2,210		
53	800051	FENCE (TYPE WM, METAL POST)	LF	61		
54	820110	MILEPOST MARKER	EA	2		
55	820112	MARKER (CULVERT)	EA	42		
56	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	480		
57	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	42		
58	BLANK					
59	146003	NATURAL RESOURCES PROTECTION PLANS	LS	LUMP SUM	LUMP SUM	
60	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:**\$**