

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF ENGINEERING SERVICES  
OFFICE ENGINEER, MS 43  
1727 30<sup>TH</sup> STREET  
P.O. BOX 168041  
SACRAMENTO, CA 95816-8041  
FAX (916) 227-6214  
TTY (916) 227-8454



*Flex your power!  
Be energy efficient!*

**\*\* WARNING \*\* WARNING \*\* WARNING \*\* WARNING \*\***  
**This document is intended for informational purposes only.**

Users are cautioned that California Department of Transportation (Department) does not assume any liability or responsibility based on these electronic files or for any defective or incomplete copying, excerpting, scanning, faxing or downloading of the contract documents. As always, for the official paper versions of the bidders packages and non-bidder packages, including addenda write to the California Department of Transportation, Plans and Bid Documents, Room 0200, P.O. Box 942874, Sacramento, CA 94272-0001, telephone (916) 654-4490 or fax (916) 654-7028. Office hours are 7:30 a.m. to 4:15 p.m. When ordering bidder or non-bidder packages it is important that you include a telephone number and fax number, P.O. Box and street address so that you can receive addenda.

January 9, 2006

02-Sha-89,299-34.3/42.6,128.1/129.6  
02-360604

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SHASTA COUNTY NEAR BURNEY ON ROUTE 89 FROM 0.7 KM SOUTH OF ROUTE 299 TO 1.8 KM SOUTH OF BURNEY FALLS STATE PARK AND ON ROUTE 299 FROM 0.8 KM WEST TO 0.7 KM EAST OF ROUTE 89.

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 January 24, 2006.

This addendum is being issued to revise the Notice to Contractors and Special Provisions.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the second paragraph is deleted.

In the Special Provisions, Section 10-1.18, "CLEARING AND GRUBBING," the following paragraphs are added:

"All trees will be removed from the project limits by a separate tree felling contract. Slash and stumps from the removed trees will remain.

The tree felling contract will be completed prior to March 30, 2006.

Remaining slash and stumps shall be considered as included in the contract lump sum price paid for clearing and grubbing."

In the Special Provisions, Section 10-1.23, "EROSION CONTROL (TYPE D)," is revised as attached.

02-Sha-89,299-34.3/42.6,128.1/129.6  
 02-360604

In the Special Provisions, Section 10-3.17, "HIGHWAY ADVISORY RADIO SYSTEM," the subsection "PRICE QUOTED ARRANGEMENT," is revised as follows:

**"PRICE QUOTED ARRANGEMENT**

Arrangements have been made to insure that any successful bidder can obtain the HAR equipment from Information Station Specialists, Inc., 3368 88th Avenue, Zeeland, MI 49464 Telephone 1-616-772-2300. The price quoted by the manufacturer or supplier for the HAR, FOB Destination, Net 30 is \$25,045, not including sales tax. Installation of HAR equipment, including electronic tuning testing, and required FCC documentation, is the Contractor's responsibility and is not included in this quote.

The above price will be firm for orders placed on or before 7/01/2006, provided delivery is accepted within 90 days after the order is placed.

Location 1			
Model ITS6000 -AAT-CA01-SS-PPHE	Transmitter	included	
	Digital message programmer	included	
	Wattmeter, battery backup	included	
	Groundplane	included	
	RF arrester, back panel, gnd lugs	included	
	minus conventional antenna		
334 Cabinet			
	rack cage	included	
	exhaust system & block	included	
	MOV's & Outlets	included	
SuperStation 3000 antenna System			
	assembly kit	included	
	tower	included	
	tuner	included	
	cabinet	included	
		<b>Total</b>	<b>\$25,045</b>

To Proposal and Contract 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 CONTRACTORS section of the Notice to Contractors 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 proposal.

Submit bids in the Proposal and Contract 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.

Addendum No. 2  
Page 3  
January 9, 2006

02-Sha-89,299-34.3/42.6,128.1/129.6  
02-360604

This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

If you are not a Proposal and Contract 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,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Office Engineer

Attachments

### 10-1.23 EROSION CONTROL (TYPE D)

Erosion control (Type D) shall conform to the provisions in Section 20-3, "Erosion Control," of the Standard Specifications and these special provisions and shall consist of applying erosion control materials to embankment and excavation slopes and other areas disturbed by construction activities.

If the slope on which the erosion control is to be placed is finished during the rainy season as specified in "Water Pollution Control" of these special provisions, the erosion control shall be applied immediately to the slope.

Prior to installing erosion control materials, soil surface preparation shall conform to the provisions in Section 19-2.05, "Slopes," of the Standard Specifications, except that rills and gullies exceeding 50 mm in depth or width shall be leveled. Vegetative growth, temporary erosion control materials, and other debris shall be removed from areas to receive erosion control.

#### MATERIALS

Materials shall conform to the provisions in Section 20-2, "Materials," of the Standard Specifications and these special provisions.

#### Seed

Seed shall conform to the provisions in Section 20-2.10, "Seed," of the Standard Specifications. Individual seed species shall be measured and mixed in the presence of the Engineer.

Seed shall be delivered to the project site in unopened separate containers with the seed tag attached. Containers without a seed tag attached will not be accepted.

A sample of approximately 10 g of seed will be taken from each seed container by the Engineer.

#### Legume Seed

Legume seed shall be pellet-inoculated or industrial-inoculated and shall conform to the following:

- A. Inoculated seed shall be inoculated in conformance with the provisions in Section 20-2.10, "Seed," of the Standard Specifications.
- B. Inoculated seed shall have a calcium carbonate coating.
- C. Industrial-inoculated seed shall be inoculated with Rhizobia and coated using an industrial process by a manufacturer whose principal business is seed coating and seed inoculation.
- D. Industrial-inoculated seed shall be sown within 180 calendar days after inoculation.
- E. Legume seed shall consist of the following:

#### LEGUME SEED

Botanical Name (Common Name)	Percent Germination (Minimum)	Kilograms Pure Live Seed Per Hectare (Slope Measurement)
Lotus scoparius (Deerweed)	50%	8.0
Lupinus succulentus (Arroyo Lupine)	50%	8.0
Lupinus microcarpus densiflorus (Golden Lupine)	50%	4.0

### Non-Legume Seed

Non-legume seed shall consist of the following:

NON-LEGUME SEED		
Botanical Name (Common Name)	Percent Germination (Minimum)	Kilograms Pure Live Seed Per Hectare (Slope Measurement)
Achillea millefolium (Yarrow)	50%	2.0
Bromus carinatus California Brome	50%	6.0
Chrysanthemum maximum (Shasta Daisies)	50%	6.0
Elymus glaucus (Blue Wild Rye)	50%	6.0
Elymus triticoides (Creeping Wild Rye)	50%	6.0
Eschscholzia californica (California poppy)	50%	4.0
Festuca idahoensis (Idaho fescue)	50%	10.0
Hordeum brachythermum (Meadow Barley)	50%	6.0
Poa scabrella (secunda) Pine Bluegrass	50%	4.0
Triticum X elymus (Sterile Wheat Grass)	50%	18.0

### Commercial Fertilizer

Commercial fertilizer shall conform to the provisions in Section 20-2.02, "Commercial Fertilizer," of the Standard Specifications and shall have a guaranteed chemical analysis of 6 percent nitrogen, 20 percent phosphoric acid and 20 percent water soluble potash. Commercial fertilizer shall be a formulation suitable for hydroseeding purposes and soluble in water.

### Straw

Straw shall conform to the provisions in Section 20-2.06, "Straw," of the Standard Specifications and these special provisions.

Prior to delivery of rice straw to the project site, the Contractor shall provide the name, address and telephone number of the grower.

Straw shall be derived from rice. Straw shall be free of plastic, glass, metal, rocks, and refuse or other deleterious material.

### Compost

At the option of the Contractor, compost may be either A, B, or any combination of both:

- A. Green material consisting of chipped, shredded, or ground vegetation; or clean processed recycled wood products.
- B. Class A , exceptional quality biosolids composts, conforming to the requirements in United States Environmental Protection Agency (EPA) regulation 40 CFR, Part 503c.

Compost shall not contain paint, petroleum products, herbicides, fungicides or other chemical residues harmful to plant or animal life. Other deleterious material, plastic, glass, metal or rock shall not exceed 0.1-percent by weight or volume.

Compost shall be thermophilically processed for 15 days. During this process, the compost shall be maintained at minimum internal temperature of 55°C and be thoroughly turned at least 5 times. A 90-day curing period shall follow the thermophilic process.

Compost shall be screened through a screen no larger than 12 mm.

Compost shall measure at least 6 on the maturity and stability scale with a Solvita test kit.

A Certificate of Compliance for compost shall be furnished to the Engineer in conformance with the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications. The Certificate of Compliance shall state the Solvita maturity and stability scale test result of the compost.

**Stabilizing Emulsion**

Stabilizing emulsion shall conform to the provisions in Section 20-2.11, "Stabilizing Emulsion," of the Standard Specifications and these special provisions.

Stabilizing emulsion shall be in a dry powder form, may be reemulsifiable, and shall be a processed organic adhesive used as a soil tackifier.

**APPLICATION**

Erosion control materials shall be applied in separate applications in the following sequence:

- A. The following mixture in the rates indicated shall be applied with hydro-seeding equipment within 60 minutes after the seed has been added to the mixture:

Material	Kilograms Per Hectare (Slope Measurement)
Legume Seed	20
Non-Legume Seed	68
Fiber	600
Commercial Fertilizer	100

Material	Cubic Meter Per Hectare (Slope Measurement)
Compost	2

- B. Straw shall be applied at the rate of 4.0 tonnes per hectare based on slope measurements. Incorporation of straw will not be required. Straw shall be distributed evenly without clumping or piling.
- C. The following mixture in the rates indicated shall be with hydro-seeding equipment:

Material	Kilograms Per Hectare (Slope Measurement)
Fiber	150
Stabilizing Emulsion	140

Material	Cubic Meter Per Hectare (Slope Measurement)
Compost	1.5

The ratio of total water to total stabilizing emulsion in the mixture shall be as recommended by the manufacturer.

Once straw work is started in an area, stabilizing emulsion applications shall be completed in that area on the same working day.

The rates of erosion control materials may be changed by the Engineer to meet field conditions.

**MEASUREMENT AND PAYMENT**

Compost (erosion control) will be measured by the cubic meter in the vehicle at the point of delivery in conformance with the provisions in Section 9-1.01, "Measurement of Quantities," of the Standard Specifications.

The contract price paid per cubic meter for compost (erosion control) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in applying compost for erosion control, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.