

**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 711



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April 15, 2010

06-Fre-41-R30.7/R31.7  
06-0A4904  
SARRAE-P041(115)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN FRESNO COUNTY FROM 0.3 MILE NORTH OF HERNDON AVENUE UNDERCROSSING TO FRIANT ROAD UNDERCROSSING.

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 Tuesday, April 27, 2010.

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 and 11 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Notice to Bidders and Special Provisions, and in the Bid book, the Project Description is revised to "CONSTRUCTION ON STATE HIGHWAY IN FRESNO COUNTY IN FRESNO FROM 0.3 MILE NORTH OF HERNDON AVENUE UNDERCROSSING TO FRIANT ROAD UNDERCROSSING."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added after the sixth paragraph:

"Within 15 days after the approval of the contract, furnish the Engineer a statement from the vendor that the order for the seed required for this contract has been received and accepted by the vendor. The statement from the vendor must include the names and quantity of seed ordered and the anticipated date of delivery."

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," subsection "WILD FLOWER PLANTING," is added as attached.

In the Bid book, in the "Bid Item List," Items 4, 12, 15 and 43 are revised, Items 46 and 47 are added and Item 45 is deleted as attached.

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To Bid book holders:

Replace the entire "Bid Item List" in the Bid book with the attached revised 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/06/06-0A4904](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/06/06-0A4904)**

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,

ORIGINAL SIGNED BY

IGNACIO SANCHEZ DEL REAL  
Acting Chief, Office of Plans, Specifications & Estimates  
Office Engineer  
Division of Engineering Services

Attachments

## WILD FLOWER SEEDING

### GENERAL

#### Summary

This work includes mowing weeds, scarifying the soil, furnishing and incorporating commercial fertilizer, and dry applying native wild flower seed to wild flower seeding areas shown on the plans.

Pesticides must not be used on wild flower seeding areas after the seed has been applied.

All areas shown on the plans to have wild flower seeding shall receive wild flower seeding except for areas of existing planting to remain, and areas to receive mulch.

The Engineer will designate the ground location of all wild flower seeding areas in increments of one acre or smaller by directing the placing of stakes or other suitable markers. Furnish all tools, labor, materials, and transportation required to adequately indicate the various wild flower seeding locations.

### MATERIALS

#### Seed

Seed not required to be labeled under the California Food and Agricultural Code must be tested for purity and germination by a seed laboratory certified by the Association of Official Seed Analysts or by a seed technologist certified by the Society of Commercial Seed Technologists. Measure and mix individual seed species in the presence of the Engineer.

Seed must contain at most 1.0 percent total weed seed by weight.

Seed must be free of the following specific weed species: *Centaurea solstitialis* L. (Yellow Starthistle).

Deliver seed to the job site in unopened separate containers with the seed tag attached. Containers without a seed tag attached are not accepted. The Engineer takes a sample of approximately one ounce or 0.25 cup of seed for each seed lot greater than 2 pounds.

Seed must consist of the following:

<b>Seed</b>		
Botanical Name (Common Name)	Percent Germination (Minimum)	Pounds Pure Live Seed Per Acre (Slope Measurement)
<i>Clarkia amoena</i> (Farewell to Spring)	70	1.8
<i>Dimorphotheca sinuata</i> (African Daisy)	70	2.7
<i>Eriogonum Fasciculatum</i> <sup>1</sup> (California Buckwheat)	60	1.0
<i>Eschscholzia californica</i> <sup>1</sup> (California Poppy)	60	1.3
<i>Festuca idahoensis</i> (Blue Bunch Grass)	70	9.8
<i>Layia platyglossa</i> (Tidy Tips)	70	1.8
<i>Linaria maroccana</i> (Toadflax)	70	0.9
<i>Lupinus succulentus</i> <sup>1</sup> (Arroyo Lupine)	80	4.0
<i>Nassella lepida</i> <sup>1</sup> (Foothill Needlegrass)	70	2.1
<i>Poa scabrella</i> <sup>1</sup> (Pine Bluegrass)	60	1.8
<i>Trifolium hirtum</i> "Hykon" (Hykon Rose Clover)	80	2.7
<i>Vulpia microstachys</i> <sup>1</sup> (Small Fescue)	50	2.9

Notes:

Applicable when numbers below are shown after a Botanical Name/(Common Name) above:

<sup>1</sup>Seed produced in California only.

**Seed Sampling Supplies**

At the time of seed sampling, provide the Engineer a glassine lined bag and custody seal tag for each seed lot sample.

**Commercial Fertilizer**

Commercial fertilizer must have a guaranteed chemical analysis within 10 percent of 11 percent nitrogen, 52 percent phosphoric acid and 0 percent water soluble potash.

**CONSTRUCTION****Site Preparation**

Immediately prior to applying wild flower seed to wild flower seeding areas, trash and debris must be removed, and weeds must be mowed as close to the ground as possible. Removal of mowed material will not be required.

After mowing and just prior to seed application, wild flower seeding areas must be scarified to a minimum depth of one inch.

**Application**

Seed for wild flower seeding must be applied at the rate of 32.8 pounds per acre (slope measurement). Commercial fertilizer must be applied at the rate of 200 pounds per acre (slope measurement). Seed and commercial fertilizer, must be incorporated into the soil to a maximum depth of 1/4 inch by raking, dragging or drilling.

Watering of wild flower seeding areas will not be required unless directed by the Engineer. When directed by the Engineer, watering will be paid for as extra work as specified in Section 4-1.03D, "Extra Work," of the Standard Specifications.

**MEASUREMENT AND PAYMENT**

Wild flower seeding will be measured by the square yard or by the acre, whichever is designated in the Engineer's Estimate. The area will be calculated on the basis of actual or computed slope measurements.

The contract price paid per square yard or acre for wild flower seeding includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in wild flower seeding, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

**BID ITEM LIST  
06-0A4904**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070013	SMALL BUSINESS UTILIZATION REPORT	EA	1	250.00	250.00
2	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
3	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
4	017962	MAINTENANCE VEHICLE PAD (ROCK)	EA	5		
5	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	12		
6	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
7	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	EA	1		
8	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
9	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
10	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
11	150772	REMOVE CURB	LF	470		
12	190101	ROADWAY EXCAVATION	CY	82		
13	200002	ROADSIDE CLEARING	LS	LUMP SUM	LUMP SUM	
14	202006	SOIL AMENDMENT	CY	220		
15	202011	MULCH	CY	7,350		
16	202033	COMMERCIAL FERTILIZER (PACKET)	EA	13,200		
17	204013	PLANT (GROUP M)	EA	2,240		
18	204035	PLANT (GROUP A)	EA	9,810		
19	204036	PLANT (GROUP B)	EA	380		
20	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	

**BID ITEM LIST  
06-0A4904**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	206401	MAINTAIN EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
22	206560	CONTROL AND NEUTRAL CONDUCTORS	LS	LUMP SUM	LUMP SUM	
23	206602	1" ELECTRIC REMOTE CONTROL VALVE	EA	5		
24	206604	1 1/2" ELECTRIC REMOTE CONTROL VALVE	EA	1		
25	206605	2" ELECTRIC REMOTE CONTROL VALVE	EA	31		
26 (F)	208262	3/4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	6,745		
27 (F)	208263	1" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	8,505		
28 (F)	208264	1 1/4" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	3,605		
29 (F)	208265	1 1/2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	2,175		
30 (F)	208266	2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	4,070		
31 (F)	208267	2 1/2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	10,630		
32 (F)	208268	3" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	1,730		
33 (F)	208277	2 1/2" PLASTIC PIPE (PR 315) (SUPPLY LINE)	LF	260		
34	208461	SPRINKLER (TYPE A-1)	EA	97		
35	208463	SPRINKLER (TYPE A-3)	EA	350		
36	208471	SPRINKLER (TYPE B-1)	EA	38		
37	208472	SPRINKLER (TYPE B-2)	EA	140		
38	208483	SPRINKLER (TYPE C-3)	EA	400		
39	208560	FILTER ASSEMBLY UNIT	EA	4		
40	208575	2" GATE VALVE	EA	6		

**BID ITEM LIST  
06-0A4904**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	208670	CHECK VALVE	EA	39		
42	208808	8" WELDED STEEL PIPE CONDUIT (.250" THICK)	LF	280		
43	731530	MINOR CONCRETE (TEXTURED PAVING)	SQFT	4,210		
44	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
45	BLANK					
46	204054	WILD FLOWER SEEDING	ACRE	8.1		
47	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID: \_\_\_\_\_**