



BOARD OF SUPERVISORS
AGENDA LETTER

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Agenda Number:

Department Name: Flood Control
Department No.: 054
For Agenda Of: 09/22/09
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: **majority**

TO: Board of Directors, Flood Control and Water Conservation District

FROM: Department Scott McGolpin, Public Works Director, 568-3010
Director(s)
Contact Info: Thomas D. Fayram, Deputy Public Works Director, 568-3436

SUBJECT: **Jesusita Fire Hydromulching Project Inspection Services, 1st and 2nd Supervisorial Districts**

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: N/A

Other Concurrence: No

As to form: N/A

Recommended Actions:

- a) Authorize the Purchasing Agent to execute an Agreement with Fugro West Inc. (a local vendor) in an amount not-to-exceed \$150,360 for inspection services needed for the aerial hydromulching project in response to the Jesusita Fire on non-federal land; and
- b) Authorize the Purchasing Agent to execute an Agreement with Penfield & Smith (a local vendor) in an amount not-to-exceed \$167,290 for inspection services needed for the aerial hydromulching project in response to the Jesusita Fire on non-federal land.

Summary Text:

On September 1, 2009, the Board authorized the Purchasing Agent to execute an agreement with Western States Reclamation Inc. for the aerial hydromulching project identified in response to the Jesusita Fire. As part of the hydromulching project inspection services are also required.

Flood Control will be utilizing personnel from Fugro West and Penfield & Smith to perform the contract administration and inspection of the Jesusita Fire burn area hydromulching project. These personnel will perform a variety of duties, all in support of the County's 1,050 acre hydromulch project.

Fugro West and Penfield & Smith are both local pre-qualified consultants for engineering services on the Public Works Department Master Services Agreements (MSA) list. Based on this and their previous

experience in inspecting the aerial hydromulching project after the Gap Fire both have been selected to do this work.

Inspection costs are directly related to the duration of the work. Since the mulch acreages between the Gap and Jesusita Fires are similar, it was initially contemplated that the duration of work would be the same as well. Further consideration however has led to the decision not to include the use of the louder helicopter in this urbanized area that was used on the Gap Fire. As a result, it was just recently determined that the duration of the work would be on the order of 22 consecutive calendar days. The inspection costs are directly related to the duration of the hydromulching contract. The Public Works' MSA contracting procedures authorizes the Purchasing Agent to execute contracts up to \$100,000, any amount over that must go to the Board for approval.

The project engineer duties are included in the Fugro agreement and will include:

- being the primary contact with the Contractor,
- coordinating pre-construction and post-construction activities,
- reviewing the inspection and contract administration procedures with the inspection team,
- overseeing the inspection teams,
- act as a County representative to the public fielding questions or inquires,
- attend meetings and other activities as required.

The inspection teams include personnel from both Fugro and Penfield & Smith and consist of three pairs of inspectors that will monitor hydromulch progress from the ground, communicate directly with the pilots, document that the coverage areas are being completed, and communicate with property owners before, during, and following the hydromulch applications. Field engineers will be equipped with a hand-held GPS unit, vehicle, and a digital camera.

In addition, inspection personnel from both Fugro and Penfield & Smith will be stationed at the Santa Barbara Airport during mulch mixing operations to observe that the material conforms to the material requirements specified (contaminate free).

The contractor will be working seven days per week, weather permitting. Staff is recommending that the Board authorize the Purchasing Agent to execute these agreements to be able to complete the project within the timing constraints of the Exigency Funding received from the Natural Resources Conservation Service (NRCS) as well as the tight work schedule of the contractor.

Background:

The Jesusita Fire burned over 8,700 acres in the mountains above Santa Barbara and Eastern Goleta. The fire burned a significant portion of watershed area directly adjacent and above the urban – forest interface. After every fire, the coming winter poses a serious threat to mudslides, debris flows, sedimentation and a significant increase in runoff, all of which poses a serious hazard to downstream areas. Aerial hydromulching is one of several projects being done in response to the Jesusita Fire.

Fiscal and Facilities Impacts:

Budgeted: yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
South Coast FZ	\$ 317,650.00		
Total		\$ -	\$ -

Narrative:

The NRCS has approved funding for the project. The NRCS will fund 75% of the cost for the project, in addition CalEMA will participate in the non-federal share as they did in the Gap Fire, and finally, the City of Santa Barbara will help fund the project as well.

NRCS is utilizing Exigency Funding (emergency) and as such the County has only 60-days to complete all of the work approved by NRCS (debris basin clean out, debris rack construction, channel excavation, and hydromulching). The 60-day time limit will provide for all work to be completed by mid October which is the onset of the threat of winter rains. If any element of work is not completed within the 60-day window, the federal funding will be likely lost.

On September 1, 2009, the Board approved a Budget Revision Request for this project which included releasing designations and increasing revenue to accept funding from the NRCS, Cal EMA, and the City of Santa Barbara. The budget revision increased services and supplies by \$4.6 million and these agreements will be paid from those funds.

Staffing Impacts:

Legal Positions:

FTEs:

Special Instructions:

Direct the Clerk of the Board to send a copy of this minute order of this action to the Flood Control District office, Attn: Christina Lopez.

Authored by:

Thomas Fayram, Deputy Public Works Director, 568-3436