



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

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

Department Name: Public Works
Department No.: 054
For Agenda Of: May 17, 2011
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors

FROM: Department Director Scott D. McGolpin, Public Works Department, 568-3010
Contact Info: Dacé B. Morgan, Deputy Director, Transportation, 568-3064

SUBJECT: Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing, County Project No. 820621

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A. Approve plans and specifications for the Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621;
- B. Award the construction contract in the amount of \$3,218,326.50 to the lowest responsible bidder, Windsor Fuel Company, Inc (not a Local Vendor), P.O. Box 1029 Pittsburg, CA 94565-1029 subject to the provision of documents and certifications, as set forth in the plans and specifications applicable to the project, as required under California Law;
- C. Approve and authorize the Chair to execute the construction contract, upon return of the Contractor's executed contract documents, and the review and approval of the County Counsel, Auditor-Controller and Risk Manager or their authorized representatives; and
- D. Approve a contingency fund of \$173,416.33 for the Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621.

Summary Text:

On Tuesday, March 15, 2011, three (3) bids were opened for the Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621. Windsor Fuel Company, a California Corporation submitted the lowest responsible bid in the amount of \$3,218,326.50, which is 18% above the Engineer’s Estimate. The higher bid price can be attributed directly to the recent spike in oil prices. The California Paving Asphalt Price Index was at 477 in January 2011 and is currently 635, a 33% increase.

The Department has performed an analysis of the bids received and has determined that the low bid is responsive and responsible. The original date recommended for award was delayed to allow time for further testing and research on material submittals that were out of typical specification ranges. Public Works recommends awarding this contract to Windsor Fuel Company, Inc.

This scrub seal and micro-surfacing project is one strategy the Department employs in its annual Pavement Preservation Program. Scrub seals begin with application of polymer modified asphaltic rejuvenating emulsion to the existing road (see photo). Then a broom is pulled across the emulsion filling cracks and voids. Next, aggregate is spread on the emulsion and rolled by pneumatic tire compactors. The following day micro-surfacing is placed on top of the scrub seal. Micro-surfacing is a mixture of polymer modified asphalt emulsion, mineral aggregate and filler.

Approximately 57 lane miles of County maintained roads will be resurfaced with the construction of this project. This project was bid in accordance with the Public Contract Code, which requires the award to the lowest responsible bidder.



Typical scrub seal operation on a rural road

Background:

Locations for Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing were approved by your Board in the FY 2010/11 Road Maintenance Annual Plan (RdMAP) on June 15, 2010 and are attached for your information.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>FY11/12 Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
State: Proposition 1B	\$ 967,500.00	\$ 133,000.00		\$ 1,100,500.00
State: Proposition 42	\$ 1,100,364.00	\$ -		\$ 1,100,364.00
State: Gas Tax	\$ -	\$ 550,181.00		\$ 550,181.00
Other: Santa Maria Haul Route	\$ 137,333.00	\$ 115,260.00		\$ 252,593.00
Other: Measure D	\$ -	\$ 388,104.80		\$ 388,104.80
Total			\$ -	\$ 3,391,742.80

Narrative:

The total construction costs, including contingencies, amounts to \$3,391,742.80. These costs will be paid for by a combination of state and local funds as shown in the table above.

Funds for this project are budgeted in Fund 0016, Org Unit 0500, Program 2710, Department 054 and Account 7510.

Staffing Impacts:

Legal Positions:
None

FTEs:
None

Special Instructions:

Please forward a certified, stamped copy of the Minute Order approving these recommendations and the executed document to Beverly Cross in the Public Works Department, Roads and Engineering Division at 123 E. Anapamu Street, ext. 3094.

Attachments:

A) Street List for the Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621

B) Contract for the Construction of 2010/11 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing; County Project No. 820621

Authored by:

Jonathan P. Fernandez, Project Manager, 805-739-8770