



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: April 7, 2009
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Director Scott McGolpin, Public Works Director, 568-3010
Contact Info: Dacé Morgan, Deputy Director, Transportation, 568-3064
SUBJECT: **Establish Purchasing Agreements with Vendors for the Supply of Aggregates, Hot Mix Asphalts, and Concrete, and Allow for Sole-Source Specification of The Rejuvenating Agent Polymer Used in the Construction and Maintenance of County Maintained Roads, all Supervisorial Districts**

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: N/A

Other Concurrence: Purchasing

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A.) Approve a waiver of bids that allows the Purchasing Agent to procure aggregate materials, hot mix asphalts (HMA) and concrete used in the repair and construction of County infrastructure on an as-needed basis;
- B.) Make the waiver effective through June 30, 2011; and
- C.) Authorize the Public Works Director to advertise for the Construction of 2008-2009 Countywide Preventive Maintenance Application of Scrub Seal and Micro-Surfacing County Project #820613 with specifications for a PA-AS-1 as the polymer to be used as the only rejuvenating agent for the contract.

Summary Text:

Waiver of Bids

The timely application of surface treatments is vital to preserving the County's investment in our Transportation Infrastructure. In order to respond quickly when the condition of a road is compromised, the Public Works Department needs to have the ability to procure materials used in construction, maintenance and emergency repair of the County's Transportation Infrastructure. These materials are purchased from local vendors as well as a vendor in Ventura County. Proximity to the job site determines which vendor is utilized to supply the needed materials. This is critical when purchasing hot mix asphalt as it performs better, is easier to work with and has a better finish when it is delivered to the

job site at the temperature required by specification. Vendor location is also important when considering the delivery costs of aggregate materials; therefore, the Department needs to receive mix from Vulcan Materials Company, whose plant is located in Oxnard, when working in the southern portion of the County.

The need for material suppliers located south of Gaviota is evidenced by the inaccessibility of portions of the County during such disasters as storm events, fires and chemical spills. The waiver of bids is requested for aggregate materials due to the cost of these items having exceeded the amount at which the Purchasing Agent, without additional Board authority, can waive bidding. The waiver is not for sole source purchases, but allows the Public Works Department to expedite the purchase of material from vendors without the \$25,000 limit.

The Department requests that the following limits for purchasing aggregates, hot mix asphalt, and concrete be applied to the following vendors:

	Current Limit	Proposed Limit	Location of Use
Granite Construction Company (Local Vendor)	\$350,000.	\$500,000.	Countywide
Calportland (Formerly Union Asphalt)(Local Vendor)	\$500,000.	\$500,000.	North and Central County
Hansen Aggregates Inc. (Local Vendor)	\$500,000.	\$500,000.	North and Central County
Vulcan Materials Company (Ventura County)	\$25,000.	\$500,000.	South Coast

These dollar amounts were established based on the amount of materials purchased yearly Countywide on our Transportation Infrastructure from these various vendors.

Sole Source of Polymer for Rejuvenating Agents in Scrub Seal Contract

Public contract codes Public Contract Code §3400(b)(3) allows for specifying a necessary product available from only one source. The PA-AS-1 polymer has been used with great success in past scrub seal and micro-surfacing projects to increase the flexibility and longevity of pavement and decrease reflective cracking through seal coats on our County Transportation Infrastructure System. This polymer has also been used successfully as part of our Countywide Fog Seal program. Based on the Department’s experience, the PA-AS-1 polymer has performed extremely well and has been an integral part of our Pavement Preservation Program for maintaining our Transportation Infrastructure throughout the County. As a result Public Works recommends using PA-AS-1 polymer in this year’s project. All other items contained in this contract would be unaffected by your Board’s action.

Background:

Waiver of Bids

Based on State Law and County Code sections adopted by your Board, the Purchasing Agent is required to go to formal bid for any item that may exceed \$25,000 for any group of items from a single vendor. The blanket waiver will allow the Purchasing Agent to proceed legally, and without the delays associated with requiring waivers on a daily basis. This process will allow the Public Works Department to respond quickly to the needs of the Maintained System and better serve the traveling public.

Sole Source of Polymer for Rejuvenating Agents in Scrub Seal Contract

Scrub seals with micro-surfacing projects are one of the strategies the Department employs in its annual Pavement Preservation Program. Scrub sealing is a process by which a polymer modified asphaltic emulsion with rejuvenating agent is applied to the existing pavement surface. A specifically designed drag broom is then pulled through the emulsion filling the cracks and voids, followed by the placement of various sized aggregate, and then rolled by pneumatic tire compactors. Micro-surfacing is then placed on top of the scrub seal. Micro-surfacing is a mixture of polymer modified asphalt emulsion, mineral aggregate and filler providing a smoother finished surface.

There are multiple types of rejuvenating agents in various forms of development available for this work. The Department typically follows Caltrans standard specifications or special provisions for designation of material types. Because the technology associated with the rejuvenating agents continues to evolve, Caltrans has not developed definitive performance based specifications for this material. In the absence of these specifications, the Department relies on communication with other local agencies, working groups, and past experience within the County to assess the best materials to use. The Department has used this product in two prior scrub seal and micro-surfacing projects with favorable results, has been using it for four years as part of our Fog Seal program, and recommends using the same product in this year’s contract. This treatment is cost effective compared to conventional treatments and has been accepted by residents and the travelling public on the County’s road system.

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>
General Fund			
State			
Federal			
Fees			
Other:			
Total	\$ -	\$ -	\$ -

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Narrative:

There are no direct fiscal impacts as a result of this action. All work and related expenditures for materials have been budgeted in Department 054 as part of operations and capital maintenance activities.

Staffing Impacts:

Legal Positions:

FTEs:

Special Instructions:

Please forward a certified, stamped Minute Order approving this item to Gena Valentine Felix in the Public Works Department, Transportation, x3064.

Attachments:

Authored by:

John McGray, Road Maintenance Manager, Public Works – Transportation, x3336
Chris Sneddon, Engineering Section Manager, Public Works – Transportation, x3047