

STAFF REPORTS

**CITY COUNCIL
June 24, 2003**

To: Mayor and City Council
From: George J. Rodericks, City Manager
Originated By: Warren W. Repke, City Engineer
SUBJECT: SLURRY SEALING OF VARIOUS STREETS (FY 2002-03)

BACKGROUND

As part of the annual street maintenance program City staff has prepared project plans and specifications for the slurry sealing of various streets for Fiscal Year 2002-03.

Authorization to advertise the project for construction bids was received from the City Council at its May 27, 2003 meeting. In addition to the slurry sealing of various streets, the project also includes some pavement repair, curb and gutter repair and crosswalk restriping at various locations.

The project specifications requested an alternate bid for both the Type I and Type II Rubberized Emulsion-Aggregate Slurry. The primary difference between a Type I and Type II Slurry is that Type II has slightly larger aggregate and is applied approximately 25% thicker. The prior conventional slurry seal projects completed by the City were Type II.

FINDINGS

Construction bids for the slurry sealing project were opened on June 17, 2003. A total of three bids were received as follows:

	Type I	Type II
American Asphalt	\$159,704.20	\$164,415.20
California Pavement Maintenance	\$169,403.90	\$180,710.30
Pavement Coatings	\$162,868.74	\$183,314.48

The Engineer's Estimate is \$184,977 for the Type I Slurry and \$198,168 for the Type II Slurry.

Investigation of applications in neighboring communities has indicated that the Type II Slurry is a superior product which provides better coverage, increased crack retardation and longer life. The primary detriment has been the increased cost of Type II, which typically runs 20% more than the Type I. Due to the fact that the low bid for the Type II was only 5% more than the Type I, staff believes it is an excellent value and recommends the contract be awarded for the Type II Alternative.

The lowest responsible and responsive bid for the Type II Alternative was received from American Asphalt South, Inc. in the amount of \$164,415.20.

FISCAL IMPACT

Project costs are estimated as follows:

Preparation of Plans and Specifications	=	\$ 11,000
Construction	=	\$164,415
Construction Administration and Inspection	=	\$ 20,000
Construction Testing	=	<u>\$ 3,000</u>
Subtotal		\$198,415
Contingency (10% of Construction Cost)	=	<u>\$ 19,842</u>
		\$218,257

Project funding in the amount of \$260,000 is available from the 2002-03 Fiscal Year traffic striping, street patching, street sealing and pavement rehabilitation accounts.

Existing budgeted amounts are sufficient to cover the estimated project costs. As the estimated project cost is below the budgeted amount, as the project progresses, staff may recommend the addition of other streets to the project to take advantage of the lower construction cost and economy of scale.

RECOMMENDATION

The following is recommended:

1. Award a construction contract to American Asphalt South, Inc. in the amount of \$164,415.20 and authorize the Mayor and City Clerk to execute the Contract Agreement; and
2. Authorize staff to add additional priority streets to the contract subject to budget amount limitations.