

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: May 6, 2013
	Agenda Item No. 37C Roll Call No. [_____] Communication No. <u>13-228</u> Submitted by: Patrick J. Kozitza, Public Works Director (Interim)

AGENDA HEADING:

Approval of purchasing EnviroSeal 40 Concrete Sealant from Stetson Building Products, Inc. for application to concrete bridge surfaces.

SYNOPSIS:

The Street Maintenance Administrator has developed specifications for a bid package to be awarded for the supply of bridge deck sealant to be applied to concrete surfaces on bridges. The Procurement Agent solicited bids for Bridge Deck Sealer via Bid No. V13-068. Five (5) bid packages were sent and four (4) companies responded. Two (2) of the bidders responding were non-compliant, as they did not meet material specifications. It is recommended the bid be awarded to the lowest compliant bidder, Stetson Building Materials (2205 Bell Avenue, Des Moines, IA Marte Cook, President) at a total cost of \$30,370.

FISCAL IMPACT:

Amount: \$30,370

Funding Source: PWK040400 Street Maintenance

ADDITIONAL INFORMATION:

Beginning in 2013 the Street Maintenance Division of the Public Works Department will treat 20% of all concrete surfaces on bridges with a 40% silane product to prolong their service life. Chlorides are present in all winter chemical applications. The treatment of concrete surfaces with a silane product has been proven to reduce the penetration of chlorides into concrete thereby prolonging the service life of the concrete.

A water-based product was specified for ease of clean-up with water. The two (2) non-compliant bidders quoted materials that are solvent based in lieu of water based. The solvent-based product literature recommends using Xylene for clean-up of the equipment used to apply material. Xylene is a Hazardous Materials Identification System rated moderate health hazard material and requires additional cautions and personal protective gear to protect workers.

This will be an annual program to apply silane products to 20% of all bridge surfaces each year. The 40% silane product requires re-treatment every five (5) years.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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