



CITY COUNCIL AGENDA REPORT

MEETING DATE: 12/15/2020

DEPARTMENT: Public Works

SUBJECT:

AWARD CONSTRUCTION CONTRACT FOR SLURRY SEAL PROJECT FOR NON-ARTERIAL STREETS, ZONE C (PW 2019-05A); SLURRY SEAL PROJECT FOR NON-ARTERIAL STREETS, ZONE G (PW 2020-05A); AND PARK PARKING LOT RESURFACING (PW 2020-12)

RECOMMENDED ACTION(S):

1. Approve contract documents for construction of Slurry Seal Project for Non-Arterial Streets, Zone C (PW 2019-05A); Slurry Seal Project for Non-Arterial Streets, Zone G (PW 2020-05A); and Park Parking Lot Resurfacing (PW 2020-12).
 2. Award a contract in the amount of \$1,464,594.40 to American Asphalt South, Inc.
 3. Reject all other bids received and authorize return of the bid bonds upon receipt of the executed contract documents from American Asphalt South, Inc.
 4. Authorize the Mayor to sign, and the City Clerk to attest, the contract with American Asphalt South, Inc.
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EXECUTIVE SUMMARY:

The Slurry Seal Project for Non-Arterial Streets, Zone C; Slurry Seal Project for Non-Arterial Streets, Zone G; and Park Parking Lot Resurfacing Project, repair and extend the life of asphalt pavement within the City. In the memo dated September 21, 2020, the City Manager authorized staff to solicit bids for construction of these three projects as one bid package. On November 17, 2020, the City received six (6) bids for this project ranging from \$1,464,594.40 to \$2,164,900.00. The apparent low bidder is American Asphalt South, Inc. ("AAS"). The estimated total project cost to construct, inspect, provide construction support, and provide project contingency is \$1,741,000.00. Sufficient funds are included in the 2019-2021 Capital Improvement Projects ("CIP") budget for the recommended actions.

BACKGROUND:

The City has an established annual street maintenance program to slurry seal and asphalt overlay public streets. Per the Orange County Transportation Authority's ("OCTA") requirements for Measure M grant funding, the City utilizes a pavement management system to evaluate and score the condition of each street on a biannual basis, utilizing a Pavement Condition Index ("PCI). The pavement management system provides recommendations to maintain a street's condition based on its PCI rating. The overall PCI for the City is 79, or rated "Good." The City typically performs slurry seal applications in seven-year intervals and resurfaces streets on an as-needed basis with available funding. As part of the slurry seal program, staff also identified locations on streets within zones that require structural repairs in addition to the slurry seal. The contractor would perform these localized repairs prior to the application of the slurry seal. This best management practice reduces expensive reconstruction costs by extending the useful life of the pavement without the need for full resurfacing of the asphalt.

To maximize economies of scale, staff bid the three projects in a single bid package: (1) Fiscal Year ("FY") 2019-20 Slurry Seal Project for non-arterial streets was identified as Zone C; (2) FY 2020-21 Slurry Seal Project for non-arterial streets was identified as Zone G; and (3) the Park Parking Lot Resurfacing Project. The Zone C slurry seal project was to be completed last fiscal year, however, due to COVID-19, the project was delayed to reduce street impacts for residents. Included in this report are project location maps and a list of park parking lots that are proposed for resurfacing for City Council's reference (Attachment 1).

DISCUSSION:

The Slurry Seal Project for non-arterial Streets, Zone C¹; the Slurry Seal Project for non-arterial streets, Zone G²; and the Park Parking Lot Resurfacing Project were bid as one bid package to maximize economy of scale and bring the City's program back on schedule after delays due to COVID-19. The proposed project would spot repair and slurry seal streets within Zones C and G, and replace all existing traffic striping, markings, and legends. The proposed project would use approximately 2,900 extra-long tons of type I slurry to seal the existing pavement surface and would remove and replace approximately 180,000 square feet of damaged sections of pavement. In addition, the project would resurface the parking lots at Concourse, Borrego, Foothill Ranch, Etnies Skatepark, Heroes, Rancho Serrano, and Tamarisk parks. The Lake Forest Sports Park, Civic

¹ Area roughly bounded by Bake Parkway, Trabuco Road, Los Alisos Boulevard and Jeronimo Road

² Portola Hills

Center, and Portola Park parking lots would be part of future projects. Upon approval of the award of contract, staff anticipates construction would begin mid-January 2021. The construction contract specifies 80 working days to complete the work with an anticipated project completion date in May, 2021.

In the memo dated September 21, 2020, the City Manager authorized staff to solicit bids for construction. On November 17, 2020, the City received bids from six (6) firms, ranging from \$1,464,594.40 to \$2,164,900.00. The engineer's estimate for this project is \$1,900,000. Staff reviewed AAS's bid package for completeness. In addition, the electronic bidding system the City utilizes eliminates mathematical errors in the bids, therefore the submitted bid results are as follows:

Contracting Firm	PlanetBids Verified Base Bid Amounts
American Asphalt South, Inc.	\$1,464,594.40
Doug Martin Contracting Co. Inc.	\$1,729,598.08
All American Asphalt	\$1,764,136.00
Pavement Coatings Co.	\$1,929,540.00
Roy Allan Slurry Seal, Inc.	\$1,942,439.67
PALP, Inc.	\$2,164,900.00

After analysis of the bids received, staff determined that AAS was the lowest responsive, responsible bidder for this project. Recently, AAS completed projects in the cities of Yorba Linda and Telmecula, and the County of Riverside. Staff conducted a reference check that indicated AAS is a responsible contractor (Attachment 2).

The 2019-2021 Capital Improvements Project Budget currently has \$8,351,288 in Measure M2 Fairshare, Infrastructure Reserve, and Road Maintenance Rehabilitation Account (SB1) Funds for street resurfacing and slurry seal work. The total project cost to construct, inspect, provide construction support, and provide contingency for the project is estimated to cost \$1,741,000. There are sufficient funds for the estimated total project cost expenditures.

The Finance Department prepared the contract which AAS subsequently signed (Attachment 3). The City Attorney reviewed and approved the contract as to form. The contract bid amount as determined by the estimated quantities is \$1,464,594.40. Per Lake Forest Municipal Code Section 3.13.085, the City Manager may approve additional work not-to-exceed 10% of the final contract amount (\$146,000). The contract plans and specifications are not attached to the agenda; however, they are available for review in the Office of the City Clerk, and on display in the City Council Chambers before and during the City Council meeting. Staff has attached the approved signed title sheet for the project (Attachment 4).

FISCAL IMPACT:

The estimated total project cost to construct, inspect, provide construction support, and provide contingency for the project is \$1,741,000. Approving the recommended action would award a contract to AAS in the amount of \$1,464,594.40. Sufficient funds exist for the estimated total project expenditures.

ATTACHMENTS:

1. Project Location Maps
2. Contractor's Reference Check
3. Contract with AAS
4. Signed Title Sheet

Initiated By: Taylor Abernathy, Principal Civil Engineer

Submitted By: Thomas Wheeler, P.E., Director of Public Works/City Engineer

Approved By: Debra Rose, City Manager