



## City Council Agenda Item

**City Council Meeting Date:** June 16, 2020

**TO:** Jim Throop, City Manager

**FROM:** Steffen Meyer, Senior Civil Engineer  
s\_meyer@ci.lompoc.ca.us

**SUBJECT:** Award of Project No. FY-20-S-4, 2020 Alley Pavement Rehabilitation Project; Adoption of Resolution No. 6346(20) Approving Supplemental Appropriations

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### **Recommendation:**

Staff recommends the City Council:

- 1) Adopt the Special Provisions for Project No. FY-20-S-4, 2020 Alley Pavement Rehabilitation Project (Project), as required by Section 22039 of the Public Contract Code (Special Provisions are on file in the City Engineer's Office);
- 2) Award the Construction Contract in the amount of \$680,494 to Granite Construction, Inc. (Granite);
  - a. authorize the City Manager to execute the necessary agreements for that Contract;
  - b. authorize the City Engineer, or designee, to approve additional construction costs and construction contract change orders in an amount not to exceed \$90,000;
- 3) Award the Consulting Contract for Construction Engineering Support, Materials Testing, and Supplemental Inspection Services in the amount of \$89,230 to Pavement Engineering, Inc.;
  - a. Authorize the City Manager to execute the necessary agreements for that Contract; and
  - b. Authorize the City Engineer to approve contract change orders in an amount not to exceed \$5,000; and
- 4) Adopt Resolution No. 6346(20) approving supplemental appropriations for the Project (Attachment 1).

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## **Background/Discussion:**

### Overview

The Project is being implemented as part of the City's ongoing capital project street and alley rehabilitation program. The Project will replace failed pavement in alleys, and will also replace failed pavement within limited areas called "digouts" on certain City streets, in order to cost-efficiently perform the needed pavement repairs, while saving the surrounding sound pavement for continued use. (See Attachment 2 for streets and alleys included in the Project work.) Additionally, the Project has been designed to complement and enhance the performance of a separate pavement cape seal project (Project No. FY-20-S-2) planned for completion later this year along the same City street segments and nine of the alleys.

If awarded now, then the Project should begin construction in August 2020 and should be completed in September 2020.

### Environmental

The Project has been determined to be Categorically Exempt pursuant to Section 21084 of the California Environmental Quality Act (CEQA). The Project activity is included in the City's Annual Maintenance and Operations Plan 2020-2021 under Sections 15301 Existing Facilities repair, maintenance, etc., and 15302 Replacement or reconstruction of existing facilities, of the CEQA Guidelines, where the new facilities will be in the same location and will have the same purpose and capacity as the facilities replaced.

### Construction Advertisement

The Project was noticed, advertised, and bid in accordance with the procedures of the Uniform Public Construction Cost Accounting Act (Public Contract Code sections 22000-22045), which has been incorporated in the Lompoc Municipal Code (LMC Chapter 3.36.025 Procurement of Public Projects) and in the Engineering Division's Public Project Procedures.

The Office of the City Clerk was available to receive bids for the Project until 2:00 p.m., Wednesday, May 27, 2020, at which time three bids were publicly opened and read. The bids received ranged from \$680,494 to \$948,921 (see Attachment 3). The Engineer's construction cost estimate prepared during design for the base bid was in the range of \$800,000 to \$900,000. Engineering Division staff reviewed the bids and found them to be responsive.

Construction Engineering Support, Materials Testing, and Supplemental Inspection Services

During the construction bid advertisement, staff also solicited a request for proposals from four professional firms to provide construction engineering support, materials testing, and supplemental inspection services during construction. Staff has reviewed the proposals received using qualifications-based review procedures, and has determined that Pavement Engineering, Inc. (PEI), of San Luis Obispo, CA, is the most qualified proposing consultant and that its proposed approach to the work and estimated fees are reasonable and consistent with the City's request for proposal. Additionally PEI has acceptably performed equivalent services for previous City projects.

The construction engineering support, materials testing, and supplemental inspection services firm will provide experienced pavement engineers to review pavement submittals, materials, methods, and work product of the contractor in order to ensure compliance with the contract documents and to help the City work with the contractor and asphalt pavement producer to optimize the paving work.

The consulting firm will also provide on-site inspectors on paving days to monitor the paving operations and supplement City staff efforts. The firm will also sample and test the asphalt pavement materials to ensure they comply with the contract documents. The estimated (time and materials) fee for Pavement Engineering, Inc.'s proposed construction engineering support, materials testing, and supplemental inspection services for the Project is \$89,230, and \$5,000 is proposed as a contingency for contract change orders.

Survey Monument Preservation

As required by State law, staff will engage a licensed land surveyor to locate, reference, and reestablish, as necessary, any existing survey monuments affected by the Project construction work. The cost of such survey work is estimated to be up to \$4,000 for the Project.

**Fiscal Impact:**

The Project construction budget is as follows:

	<u>Amount</u>
Construction Contract	\$680,494
Construction Contract Contingency	90,000
Construction Support Consultants and other costs	<u>99,230</u>
Total Construction Budget	<u>\$869,724</u>

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The Project construction is proposed to be funded with resources of \$869,724 provided from Alley Rehabilitation Program funds and State Gas Tax funds, as shown in Table 1 below.

The Project is fully funded using Alley Rehabilitation Program funds and State Gas Tax funds and does not utilize any General Fund resources.

<b>Table 1 – Project Funding Summary</b>				
<b>Program</b>	<b>Acct. No.</b>	<b>Account Description</b>	<b>Source</b>	<b>Use</b>
Alleys	236ROW-800700	Alley Rehabilitation	\$658,549	
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Streets	322GT1-524030	Street Paving Supplies	211,175	
Streets	322S04-800700	Street Paving – 20-S-4		211,175
		<b>Total =</b>	<b>\$869,724</b>	<b>\$869,724</b>

<b>Table 2 - Budgetary Adjustments</b>			
<b>Account No.</b>		<b>Account Name</b>	<b>Amount</b>
<b>From</b>	322GT1-524030	Street Paving Supplies	\$211,175
<b>To</b>	322S04-800700	Street Paving – 20-S-4	\$211,175

**Conclusion:**

Awarding the construction contract to Granite; and adopting the Resolution approving the appropriations and expenditures to complete the Project is necessary in order to rehabilitate street and alley pavement, and to facilitate the needed subsequent pavement cape seal project.

Respectfully submitted,

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Steffen Meyer, Senior Civil Engineer

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**APPROVED FOR SUBMITTAL TO THE CITY MANAGER:**

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Michael Luther, P.E., Public Works Director

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Dean Albro, Management Services Director

**APPROVED FOR SUBMITTAL TO THE CITY COUNCIL:**

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Jim Throop, City Manager

- Attachments: 1) Resolution No. 6346(20)  
2) Location Map  
3) Bidders List