



## City Council Agenda Item

**City Council Meeting Date:** August 6, 2019

**TO:** Jim Throop, City Manager

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

**SUBJECT:** Award of Project No. FY-19-S-1, 2019 Street Pavement Digout Project

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### **Recommendation:**

Staff recommends the City Council:

- 1) Adopt the Special Provisions for Project No. FY-19-S-1, 2019 Street Pavement Digout Project (Project), as required by Section 22039 of the Public Contract Code (copies of Special Provisions are on file in the City Engineer's Office);
- 2) Award the Construction Contract in the amount of \$673,902.50 to Souza Engineering Contracting, Inc., DBA Souza Construction (Souza);
  - 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 \$70,000;
- 3) Award the Consulting Contract for Construction Engineering Support, Materials Testing, and Supplemental Inspection Services in the amount of \$76,090 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 \$7,000.00; or
- 4) Provide alternate direction.

**Background:**

The Project is being implemented as part of the City's ongoing capital project street rehabilitation program. The Project will replace failed pavement within limited areas called "digouts" on many City streets, in order to cost-efficiently perform the needed pavement repairs, while saving the surrounding sound pavement for continued use. (See Attachment 1 for streets 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 next year along most of the same City street segments.

If awarded, then the Project should begin construction in September/October 2019 and should be completed in November/December 2019.

**Discussion:**

**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 into the Lompoc Municipal Code (LMC) within LMC Chapter 3.36.025 Procurement of Public Projects.

The Office of the City Clerk was available to receive bids for the Project until 2:00 p.m., Tuesday, July 16, 2019, at which time six bids were publicly opened and read. The bids received ranged from \$673,902.50 to \$1,151,048.50 (see Attachment 2). The Engineer's construction cost estimate prepared during design was in the range of \$650,000 to \$750,000. City Engineering Division staff reviewed the bids and found them to be responsive.

**Environmental**

The Project has been determined to be Categorical Exempt pursuant to Section 21084 of the California Environmental Quality Act (CEQA). The Project activity was covered in the City's Annual Maintenance and Operations Plan 2019-2020 under Section 15302 of the CEQA Guidelines: Replacement or reconstruction of existing facilities, where the new facilities will be in the same location and will have the same purpose and capacity as the facilities replaced.

**Construction Engineering Support, Materials Testing, and Supplemental Inspection Services**

During the construction bid advertisement, staff also solicited a request for proposals from three professional firms to provide construction engineering support, materials testing, and supplemental inspection services during construction. Staff has reviewed the proposal received using qualifications-based review procedures, and has determined that

Pavement Engineering, Inc. (PEI), of San Luis Obispo, CA, is a 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 \$76,090, and \$7,000 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 \$10,000 for the Project.

#### **Fiscal Impact:**

The Project and the subsequent cape seal project were included in the adopted Biennial Budget FYs 2019-21 (Budget) and in the 2019 Measure A Program of Projects, utilizing Measure A and other road fund resources.

The Project construction budget is as follows:

	<u>Amount</u>
Construction Contract	\$673,902.50
Construction Contract Contingency	70,000.00
Construction Support Consultants and Contingencies	<u>93,090.00</u>
Total Construction Budget	<u>\$836,992.50</u>

The Project construction is proposed to be funded from Measure A Funds.

#### **Conclusion:**

Awarding the construction contract to Souza; the consulting contract for Construction Engineering Support, Materials Testing, and Supplemental Inspection Services to PEI;

and making the other associated approvals to complete the Project is necessary in order to rehabilitate the pavement and extend its useful life.

Respectfully submitted,

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Steffen Meyer, Senior Civil Engineer

**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) Location Map  
2) Bidders List