



City Council Agenda Item

City Council Meeting Date: August 2, 2022

TO: Dean Albro, City Manager

FROM: Steffen Meyer, Senior Civil Engineer
s_meyer@ci.lompoc.ca.us

SUBJECT: Award of Project No. FY-22-S-2, 2022 Street Pavement Digout Project;
Adoption of Resolution No. 6535(22) Approving Supplemental
Appropriations

Recommendation:

Staff recommends the City Council:

- 1) Adopt the Special Provisions for Project No. FY-22-S-2, 2022 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 including Additive/Alternate 1 in the amount of \$1,916,715.70 to V. Lopez Jr. & Sons, General Engineering Contractors, Inc., (V. Lopez);
 - 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 \$200,000;
- 3) Award the Consulting Contract for Construction Engineering Support, Materials Testing, and Supplemental Inspection Services in the amount of \$86,440 to Pavement Engineering, Inc.;
 - a. Authorize the City Manager to execute the necessary agreements for that Contract;
 - b. Authorize the City Engineer to approve contract change orders in an amount not to exceed \$15,000.00; and
- 4) Adopt Resolution No. 6535(22) approving supplemental appropriations for the Project (Attachment 1).

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 within limited areas called "digouts" on many City streets and some alleys and portions of the Solid Waste Yard at 1585 V Street, and will replace failed pavement over the full length and width of certain other alleys, in order to cost-efficiently perform the needed pavement repairs, while saving the surrounding sound pavement for continued use wherever practical. (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-22-S-3) planned for completion later this year along most of the same City street segments and three of the alleys.

If awarded, then the Project should begin construction in September 2022 and should be completed in November 2022.

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 2022-2023 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, July 13, 2022, at which time four bids were publicly opened and read. The base bids received ranged from \$1,882,175.50 to \$3,127,440.00 (see Attachment 3). The Engineer's construction cost estimate prepared during design for the base bid was in the range of \$1,700,000 to \$2,100,000. 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 three 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 \$86,440, and \$15,000 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 primary funding for the Project and the subsequent cape seal project were included in the adopted Biennial Budget FYs 2021-23 (Budget) and in the 2022 Measure A Program of Projects, utilizing City Street and Alley Rehabilitation Program funds, Measure A, other road fund resources, and City Solid Waste Program funds for work located at the Solid Waste Yard. \$200,000 additional appropriations from ROW Maintenance fund are requested to cover increased costs and contingencies of the project, and there is sufficient funding in the Fund 236 fund balance to cover this increase.

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Award of Project No. FY-22-S-2, 2022 Street Pavement Digout Project

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The Project construction budget is as follows:

	<u>Amount</u>
Construction Contract	\$1,916,715.70
Construction Contract Contingency	200,000.00
Construction Support Consultants and Contingencies	<u>111,440.00</u>
Total Construction Budget	<u>\$2,228,155.70</u>

The Project construction is proposed to be funded from City Street and Alley Rehabilitation Program funds, Special Gas Tax (Senate Bill 1) funds, Measure A Funds, and Solid Waste funds, as shown in Table 1 below. The Project does not utilize any General Fund resources. Proposed budgetary adjustments to complete the project funding are shown in Table 2 below.

Table 1 – Project Funding Summary			
Acct. No.	Account Description	Source	Use
236-321100	Right of Way Maintenance Fund Balance	\$1,700,000	
236ROW-800700	Street & Alley Rehabilitation		\$1,700,000
323-340990	Special Gas Tax Fund Balance	\$300,000	
323PRJ-800002	SB1 Project 22S2 HMA Paving		\$300,000
330PRJ-454640	Sales Tax - MsA	188,615.50	
330PRJ-800002	Street Paving – 22-S-2		188,615.50
759RSW-465500	Solid Waste – Col Sales Revenues	39,540.20	
759SWC-535250	Solid Waste-Col R&M-Blding		25,500.00
759SWC-535030	Solid Waste-Col R&M-SpecEq		14,040.20
	Total =	\$2,228,155.70	\$2,228,155.70

Table 2 - Budgetary Adjustments / Additional Appropriations			
Account No.		Account Name	Amount
Decrease	236-321100	Right of Way Maintenance Fund Balance	\$200,000
Increase	236ROW-800700	Street & Alley Rehabilitation	200,000
Decrease	323-340990	Special Gas Tax Fund Balance	\$300,000
Increase	323PRJ-800002	SB1 Project 22S2 HMA Paving	300,000

Decrease	330PRJ-800001	Measure A Projects 21-22	\$188,615.50
Increase	330PRJ-800002	Measure A Projects 2022-23	188,615.50

Conclusion:

Awarding the construction contract to V. Lopez; the consulting contract for Construction Engineering Support, Materials Testing, and Supplemental Inspection Services to PEI; and adopting the Resolution approving the appropriations and expenditures to complete the Project is necessary in order to rehabilitate the pavement and extend its useful life.

Respectfully submitted,

Steffen Meyer, Senior Civil Engineer

APPROVED FOR SUBMITTAL TO THE CITY MANAGER:

Michael Luther, P.E., Public Works Director

APPROVED FOR SUBMITTAL TO THE CITY COUNCIL:

Dean Albro, City Manager

- Attachments: 1) Resolution No. 6535(22)
2) Location Map
3) Bidders List