



City Council Agenda Item

City Council Meeting Date: June 15, 2021

TO: Jim Throop, City Manager

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

SUBJECT: Award of Project No. FY-14-WW-1 & 2, 2014 Sewer Main Replacements at Ocean Avenue and Locust Avenue; Adoption of Resolution No. 6424(21) Approving Supplemental Appropriations

Recommendation:

Staff recommends the City Council:

- 1) Adopt the Plans and Special Provisions for Project No. FY-14-WW-1 & 2, 2014 Sewer Main Replacements at Ocean Avenue and Locust Avenue (Project), as required by Section 22039 of the Public Contract Code¹;
- 2) Award the Construction Contract in the amount of \$1,878,795 to Tierra Contracting, Inc.;
 - 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 Management and Inspection Services (Consulting Contract) in the amount of \$236,000 to Filippin Engineering, Inc.;
 - a. authorize the City Manager to execute the necessary agreements for the Consulting Contract;
 - b. authorize the City Engineer, or designee, to approve and sign Consulting Contract Change Orders in an amount not to exceed \$30,000.

¹ Copies of Plans and Special Provisions are on file in the City Engineer's Office.

June 15, 2021

Award of Project No. FY-14-WW-1 & 2, 2014 Sewer Main Replacements

Page 2 of 5

- 4) Adopt Resolution No. 6424(21) approving supplemental appropriations for the Project (Attachment 1).

Background/Discussion:

Overview

The Project is being implemented as part of an effort to replace and upgrade certain priority sections of the City's wastewater collection network which are in need of upgrades. (See Attachment 2 for locations included in the Project work.)

In 2014, the City contracted MNS Engineers, Inc. to prepare Plans, Specifications and Estimate (PS&E) in order to solicit bids for construction of the 2014 Sewer Main Replacements at Ocean Avenue and Locust Avenue. In early 2015, Project development work ceased after the City's Project Manager (Wastewater Superintendent) retired. On July 31, 2019, City Wastewater and Engineering Staff agreed to resume work on the Project and engage MNS Engineers, Inc. to complete the PS&E documents. In 2020 MNS Engineers, Inc. finalized the PS&E documents by utilizing a second contract amendment to the consultant services agreement.

If awarded, then the Project's construction phase should begin in August 2021 and should be completed by February 2022.

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, May 18, 2021, at which time six bids were publicly opened and read. The bids received ranged from \$1,878,795 to \$2,977,807 (see Attachment 3). The Engineer's construction cost estimate prepared during design was in the range of \$2,200,000 to \$2,400,000. City Engineering Division staff reviewed the bids and found them to be reasonable and responsive.

Environmental

The proposed Project activity outside the Cultural Resources Overlay Zone 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 2021-2022 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.

The proposed Project activity within the Cultural Resources Overlay District is covered by Mitigation Measures found in Mitigated Negative Declaration ER05-09, (SCH# 2005061151) which was prepared pursuant to CEQA, and was adopted by the City Council, on February 21, 2006. The mitigation measures require a qualified archaeologist to monitor all ground disturbance.

Additional Consulting Services

a) Engineering Support during Construction Services

During the design phase MNS Engineers, Inc. prepared the PS&E. In April 2021 the City identified the need to include Engineering Support during Construction Services and requested the Consultant to submit a proposal for these services. The consultant will provide Engineering Support during Bidding and Construction by attending meetings and field visits, review contractor submittals and prepare record drawings. The estimated (time and materials) fee for MNS Engineers, Inc. proposed Engineering Support during Construction Services for the Project is projected to not exceed \$15,000.

b) Materials Testing

During the construction bid advertisement, staff also solicited a request for proposals from professional firms to provide materials testing during construction. Staff has reviewed and ranked the three proposals received using qualifications-based selection procedures, and has selected Earth Systems, Inc., of Santa Maria, CA, as the first-ranked proposing consultant. Earth Systems, Inc. will provide specialists to review 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 to optimize the trenching, backfill, and paving work. The consulting firm will provide compaction testing, sample and test the trench bedding and backfill materials, asphalt pavement materials, and concrete materials to ensure they comply with the contract documents. The estimated (time and materials) fee for Earth Systems, Inc. proposed materials testing services for the Project is projected to not exceed \$82,727, and \$10,000 is proposed as a contingency in case additional work becomes necessary.

c) Construction Management and Inspection Services

During the construction bid advertisement, staff also solicited a request for proposals from professional firms to provide construction management and inspection services during construction. Staff has reviewed and ranked the two proposals received using qualifications-based selection procedures, and has selected Filippin Engineering, Inc. of Goleta, CA, as the first-ranked proposing consultant. The firm will provide experienced staff to perform construction management and inspection for the Project. The estimated

(time and materials) fee for Filippin Engineering, Inc.'s proposed services for the Project is \$236,000, and \$30,000 is proposed as a contingency for Contract Change Orders.

d) Archaeological Monitoring Services

During the construction bid advertisement, staff also solicited a request for proposals from professional firms to provide archaeological monitoring services during construction. Staff has reviewed and ranked the three proposals received using qualifications-based selection procedures, and has selected Applied Earthworks, Inc., of Lompoc, CA, as the first-ranked proposing consultant. The estimated (time and materials) fee for Applied Earthworks proposed archaeological monitoring services for the Project is projected to not exceed \$49,964, and \$10,000 is proposed as a contingency in case additional work becomes necessary.

Fiscal Impact:

The Project construction budget is as follows:

	<u>Amount</u>
Bid Document Printing and Advertising	\$1,514.00
Construction Contract	1,878,795.00
Construction Contract Contingency	200,000.00
Construction Support Management & Inspection Consul.	236,000.00
Construction Support Engineering Consultant	15,000.00
Construction Support Materials Testing Consultant	82,727.00
Construction Support Archaeological Mon. Consultant	49,964.00
Construction Support Contingencies	50,000.00
<u>Engineering Staff Contract Administration</u>	<u>50,000.00</u>
Total Construction Budget	<u>\$2,564,000.00</u>

The Project is proposed to be funded from City Wastewater Utility funds. The necessary budget appropriations are shown in Table 1 below and in Resolution No. 6424(21).

Table 1 – Project Funding Summary				
Program	Acct. No.	Account Description	Source	Use
Waste Water	753-340990	Wastewater Utility Fund Balance	\$2,564,000.00	
Waste Water	753WWC-797060	Wastewater Collection System Renovation		\$2,564,000.00
Totals			<u>\$2,564,000.00</u>	<u>\$2,564,000.00</u>

Conclusion:

Awarding the Construction Contract to the Contractor; the Consulting Contract for Construction Management and Inspection Services to Filippin Engineering; the Consulting Contract for Construction Engineering Support to MNS Engineers; the Consulting Contract for Materials Testing to Earth Systems; the Consulting Contract for

June 15, 2021

Award of Project No. FY-14-WW-1 & 2, 2014 Sewer Main Replacements

Page 5 of 5

Archaeological Monitoring to Applied Earthworks; and approving the supplemental appropriations authorizing the expenditure of funds to complete the construction portion of the Project, is necessary in order to maintain and improve the City's wastewater collection network to provide reliable wastewater collection service.

Respectfully submitted,

Steffen Meyer, Senior Civil Engineer

APPROVED FOR SUBMITTAL TO THE CITY MANAGER:

Charles Berry, Utility Director

Michael Luther, P.E., Public Works Director

APPROVED FOR SUBMITTAL TO THE CITY COUNCIL:

Jim Throop, City Manager

Attachments: 1) Resolution No. 6424(21)
2) Location Map
3) Bidders List