



DATE: May 15, 2023

TO: President and Members of the Estero Municipal Improvement District (EMID) Board of Directors

VIA: Stefan Chatwin, District Manager

FROM: Ramon Towne, Interim Public Works Director
Laura Galli, Engineering Manager

DEPARTMENT: Public Works

SUBJECT: APPROVE ACCEPTANCE OF WORK AND FILING OF NOTICE OF COMPLETION FOR THE WATER SYSTEM IMPROVEMENTS AND VALVE REPLACEMENT PROJECT (CIP 405-636)

RECOMMENDATION

It is recommended that the Board of Directors of the Estero Municipal Improvement District (EMID) adopt the attached resolution authorizing acceptance of the work performed by EPS, Inc. dba Express Plumbing for the construction of Water System Improvement and Valve Replacement Project (CIP 405-636) and direct the District Secretary to file the Notice of Completion (NOC).

EXECUTIVE SUMMARY

CIP 405-636 is part of the District's ongoing program to maintain and upgrade the water system by installing and/or replacing valves and appurtenances to improve reliability and minimize service interruptions to customers. The work has been completed in conformance with the contract documents. It is recommended that the EMID Board of Directors accept the work and direct the District Secretary to file the NOC and closeout the project.

BACKGROUND

At the EMID Board meeting on December 16, 2019, the Board adopted EMID Resolution No. 3392, approving the execution of an agreement with EPS, Inc in the amount of \$747,000 for CIP 405-636 and establishing a project contingency in the amount of \$112,000 to mitigate unforeseen conditions.

The project consisted of the replacement of water valves and portions of water main at the following locations: (a) at the intersection of E. Hillsdale Boulevard and Edgewater Boulevard; (b) at the intersection of Mariner's Island Boulevard and Fashion Island Boulevard; (c) along East Third Avenue on the main that serves Detroit Drive (in San Mateo); and (d) near the west end of the Seal Slough Bridge. The project installed valves and bypass tees located at each end of the Seal Slough Bridge to allow for bypassing the District's 24-inch water transmission main on an almost 100-year old bridge, in the event that the bridge fails.

Day-to-day construction management and inspection services were performed by in-house staff. The water main, valve, and incidental work was substantially completed on March 31, 2022, with all punch list items of work completed in February 2023.

ANALYSIS

There were a total of five (5) Contract Change Orders (CCOs) that were approved totaling \$328,112.86. The majority of the costs were related to unforeseen conditions discovered during construction or necessary repairs that had a cost savings by including in this contract. They are summarized below:

1. CCO #1 – Installing required new electrical service to power the controller cabinet on East Third Ave. (\$195,000)
2. CCO #2 – Repairs, patching, welding, and epoxy coating portions of one of the District's three steel water storage tanks located at the Corporation Yard to provide backup water supply during the out of service period to install the bypass tees. (\$23,000)
3. CCO #3 – Repairing the valve stem of a 24-inch valve near Seal Slough Bridge and furnishing one additional valve stem. (\$11,000)
4. CCO #4 – Installation and fabrication of 3 valve stem rods and gear boxes, additional concrete removal, additional dewatering and welding, repair 6" PVC sewer line, removal of concrete encasement and excavation of unknown utility, additional dewatering, shoring and maintenance of excavation, welding repair of leak on 8-inch water line, custom fabrication of four saddles, installation of two 8-inch gate valves and demolition and reconstruction of valve support foundation. (\$105,000)
5. CCO #5 – A credit for items the District self-performed (-\$5,887.14)

EMID Resolution No. 3270 adopted on October 6, 2014, authorized the District President to execute the design agreement with HydroScience Engineers, Inc. Three Contract Amendments (CA) were executed totaling \$178,978:

1. CA #1 – EMID Resolution No. 3369 on February 6, 2017, for permanent leak repair design and investigation of a 24-inch transmission line on the west side of Seal Slough Bridge in the amount of \$56,256.
2. CA #2 – EMID Resolution No. 3499 on December 19, 2019, for additional effort on electrical instrumentation design for the cabinet located on East Third Ave. near Detroit Drive, redesign of a valve due to utility conflicts, and an additional review submittal to finalize drawings in the amount of \$45,952.
3. CA #3 – EMID Resolution No. 3536 on September 28, 2020, for construction support items including assessing power supply voltage and phase, preparing a plan sheet for conduit, revisions to project drawings, additional project submittal review and/or RFIs, project management and coordination in the amount of \$76,770.

The work has been completed and the NOC is ready to be filed. Action by EMID Board tonight will establish the official date of completion of the work performed by EPS, Inc. formalizing the City's acceptance of the contract work and allowing final payment to the contractor be made, and encumbered funds for construction released back to the water enterprise fund.

California Environmental Quality Act

Not Applicable

FISCAL IMPACT

The following is the project expenditure summary:

Project Budget

CIP 405-636	\$ 975,000.00
Budget Adjustment (12/16/19 Reso No. 3499)	\$ 290,000.00
Budget Adjustment (09/28/20 Reso No. 3536)	\$ 70,000.00
Budget Adjustment (03/15/21 Reso No. 3560)	\$ 215,000.00
Total Approved Budget	\$1,550,000.00

Design Contract Expenses

Design Contract (HydroScience)	\$ 126,820.00
CA #1	\$ 56,256.00
CA #2	\$ 45,952.00
CA #3	\$ 76,770.00
Unused Contract Amount	\$ (12,094.37)
Total Design Contract Expense	\$ 293,703.63

Construction Contract Expenses

Construction Contract (EPS)	\$ 747,000.00
CCO #1	\$ 195,000.00
CCO #2	\$ 23,000.00
CCO #3	\$ 11,000.00
CCO #4	\$ 105,000.00
CCO #5	\$ -5,887.14
Total Construction Contract Expense	\$1,075,112.86

Other Misc. Project Related Expenses

PG&E, printing, pipe bypass, trailer, US Bank, United Rentals, Cal West, advertising, USA markings, etc.	\$ 113,993.71
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Total Project Expenses **\$1,482,810.20**

Project Budget Balance **\$ 67,189.80**

CITY COUNCIL VISION, MISSION, AND VALUE/PRIORITY AREA

Facilities and Infrastructure

ATTACHMENTS:

Attachment 1 - Resolution

Attachment 2 - Notice of Completion