



DATE: December 1, 2020

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Immediate Repairs to Sewage Pump Station, Project 17-48, Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue, Project 20-41, CPA Mainstage Catwalk and Balcony Rail Fall Protection, Project 18-40, and Fire Station No. 4 Training Tower Renovation, Project 18-50 – Accept Construction**

RECOMMENDATION

1. Accept Immediate Repairs to Sewage Pump Station, Project 17-48, and authorize the final contract payment.
2. Accept Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue, Project 20-41, and authorize the final contract payment.
3. Accept Center for the Performing Arts (CPA) Mainstage Catwalk and Balcony Rail Fall Protection, Project 18-40, and authorize the final contract payment.
4. Accept Fire Station No. 4 Training Tower Renovation, Project 18-50, and authorize the final contract payment.

BACKGROUND AND ANALYSIS

“Acceptance” of a construction contract is a legal event recognized by State law when the City verifies the contractor has satisfactorily completed a public project. Once accepted, the work on the public project is complete, and other actions occur, such as final payment to the contractor and the release of bonds obtained by the contractor that ensure completion of the project. Following acceptance, the City becomes responsible for the maintenance of the public project.

Immediate Repairs to Sewage Pump Station

On April 30, 2019, the City Council approved the plans and specifications for Immediate Repairs to Sewage Pump Station, Project 17-48, and authorized award of the construction

contract if the low bid was within the project budget. The contract was awarded to Anderson Pacific Engineering Construction, Inc., of Santa Clara at the low bid price of \$3,495,000, including a \$350,000 construction contingency. The project included replacement of the interior ventilation system, access hatches, electrical conduits, conductors, panel control, check valve switches, ultrasonic level sensor, all four steel discharge pipes within and external to the pump station, buried discharge piping, and inlet slide gate and controls.

The final construction cost of \$3,250,412 is within the construction contract of \$3,495,000 and included nine change orders totaling \$184,025 and a final quantity adjustment change order resulting in a contract savings of \$244,588. All work has been completed in accordance with the approved plans and specifications.

Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue

On October 29, 2019, the City Council approved the plans and specifications for Water Main Crossing U.S. 101 From San Rafael Avenue to Macon Avenue, Project 20-41, and authorized award of the construction contract if the low bid was within the project budget. The contract was awarded to Cratus, Inc., of San Francisco at the low bid price of \$1,847,800, including a \$278,000 construction contingency. The project included the installation of 1,040 linear feet of 12" PVC pipe. This is the first of two construction phases for water improvements in this area. The next phase is for construction of the Shoreline Boulevard water and sewer main crossings at U.S. 101, that is currently under design, to be constructed at a future date.

The final construction cost of \$1,559,294 for these Phase 1 improvements is within the construction contract of \$1,847,800 and included one change order totaling \$3,002 and a final quantity adjustment change order resulting in a contract savings of \$288,506. All work has been completed in accordance with the approved plans and specifications.

CPA Mainstage Catwalk and Balcony Rail Fall Protection

On June 25, 2019, the City Council approved the plans and specifications for the Center for the Performing Arts (CPA) MainStage Catwalk and Balcony Rail Fall Protection, Project 18-40, and authorized award of the construction contract if the low bid was within the project budget. The contract was awarded to IBS USA, Inc., of San Francisco at the low bid price of \$495,000, including a \$66,220 construction contingency. The project included replacement of steel equipment ladders and installation of a catwalk midrail Unistrut system, steel goal posts, steel rails with gates, and a Unirail system at the balcony.

The final construction cost of \$431,151 is within the construction contract of \$495,000 and included one change order totaling \$2,371 and a final quantity adjustment change order resulting in a contract savings of \$63,849. All work has been completed in accordance with the approved plans and specifications.

Fire Station No. 4 Training Tower Renovation

On November 27, 2018, the City Council approved the plans and specifications for Fire Station No. 4 Training Tower Renovation, Project 18-50, and authorized award of the construction contract if the low bid was within the project budget. The contract was awarded to RK and Associates, Inc., doing business as Escon Builders of Union City, at the low bid price of \$243,455, including a \$31,755 construction contingency. The project included door and frame modifications and installation of steel rail fall protection for the training tower roof, waterproofing of the training tower basement, and a public address (PA) speaker system.

The final construction cost of \$222,205 is within the construction contract of \$243,455 and included two change orders totaling \$10,505 and a final quantity adjustment change order resulting in a contract savings of \$21,250. All work has been completed in accordance with the approved plans and specifications.

FISCAL IMPACT

Immediate Repairs to Sewage Pump Station

Immediate Repairs to Sewage Pump Station, Project 17-48, is funded with \$1,000,000 from the Wastewater Capacity fees and \$3,361,000 from the Wastewater Debt Proceeds for a total budget of \$4,361,000. The total project expenditure, including design, project administration, construction, inspection, and other costs, is estimated to be \$4,052,000. Any remaining funds will be returned to the Wastewater Capacity Fees Fund once the project is closed.

Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue

The design and construction for the Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue is funded by Projects 16-61 and 20-41, which also fund the design and construction for the Shoreline Boulevard Water and Sewer Main Crossing U.S. 101. The City Council approved advancing the construction of the Macon Avenue water main crossing to allow the City work to be constructed prior to completion of

Microsoft's buildings and site work while staff continues working with the property owners for the easement for the Shoreline Boulevard crossings.

The Water Main Crossing U.S. 101 from San Rafael Avenue to Macon Avenue, Projects 16-61 and 20-41, is funded with \$600,000 from the Water Capacity Fees Fund and \$4,987,000 from the North Bayshore Development Impact Fees – Water Fund. The total expenditure for the Macon Avenue water main crossing, including design, project administration, construction, inspection, and other costs, is estimated to be \$1,914,683. This portion of the project was the first construction phase of water improvements in this area. The remaining funds will remain in the project to be used towards the next phase of construction for the Shoreline Boulevard water and sewer main crossings at U.S. 101.

CPA Mainstage Catwalk and Balcony Rail Fall Protection

CPA Mainstage Catwalk and Balcony Rail Fall Protection, Project 18-40, is funded with \$765,000 from the Construction/Conveyance Tax Fund. The total project expenditure, including design, project administration, construction, inspection, and other costs, is estimated to be \$646,400. Any remaining funds will be returned to the Construction/Conveyance Tax Fund once the project is closed.

Fire Station No. 4 Training Tower Renovation

Fire Station No. 4 Training Tower Renovation, Project 18-50, is funded with \$440,000 from the CIP Reserve. The total project expenditure, including design, project administration, construction, inspection, and other costs, is estimated to be \$365,100. Any remaining funds will be returned to the CIP Reserve Fund once the project is closed.

ALTERNATIVES

Determine that the improvements have not been completed in conformance with City standards and decline to accept the improvements until they are completed to the satisfaction of the City Council.

PUBLIC NOTICING – Agenda posting.

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AS-JP/TS/6/CAM
950-12-01-20CR
200603

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