



Legislation Details (With Text)

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Title:	Report regarding a resolution awarding a construction contract to Flatiron West, Inc. of Benicia, California for the WQCP Sodium Hypochlorite Storage Tank Replacement Project (Project No. ss1601) in an amount not to exceed \$1,682,000 and authorizing a total construction budget of \$2,020,000 and approve Budget Amendment Number 19.050. (Brian Schumacker, Plant Superintendent and Peter Vorametsanti, Swinerton)		

Sponsors:

Indexes:

Code sections:

Attachments: 1. Attachment 1 - Vicinity Map WQCP Hypo Tanks ss1601, 2. Item 2 - Sodium Hypo Rehabilitation

Date	Ver.	Action By	Action	Result
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Report regarding a resolution awarding a construction contract to Flatiron West, Inc. of Benicia, California for the WQCP Sodium Hypochlorite Storage Tank Replacement Project (Project No. ss1601) in an amount not to exceed \$1,682,000 and authorizing a total construction budget of \$2,020,000 and approve Budget Amendment Number 19.050. (Brian Schumacker, Plant Superintendent and Peter Vorametsanti, Swinerton)

RECOMMENDATION

Staff recommends that the City Council adopt a resolution awarding a construction contract to Flatiron West, Inc. of Benicia, California for the WQCP Sodium Hypochlorite Storage Tank Replacement Project (Project No. ss1601) in an amount not to exceed \$1,682,000 and authorizing a total construction budget of \$2,020,000. In addition, staff recommends that the City Council approve Budget Amendment Number 19.050, amending the Fiscal Year 2018-19 Capital Improvement Program budget by appropriating \$1,320,000 in Sewer Enterprise funds into the project budget to cover the planned expenditure.

BACKGROUND/DISCUSSION

The City of South San Francisco operates the South San Francisco/San Bruno Water Quality Control Plant (WQCP or Plant), located at 195 Belle Air Road. This critical facility provides secondary wastewater treatment for the Cities of South San Francisco and San Bruno, Town of Colma, and portions of City of Daly City, a population of over 110,000. Treatment processes call for dosing the wastewater with 12.5% sodium hypochlorite disinfectant solution at various points in the treatment train. The existing system, consisting of three 8,300 gallon vertical fiberglass-reinforced plastic sodium hypochlorite storage tanks in a spill containment enclosure, metering pumps, and a pump room control building, was constructed in 1996 and these components have reached the end of their operational life. In addition, due to the corrosive properties of sodium hypochlorite, OSHA code requirements require upgrading the process piping and emergency eyewash/shower stations.

The City commissioned Woodard & Curran to design the tank replacement project. The project includes providing and replacing the three storage tanks, various metering pumps, and fused plastic process piping; and

providing and installing heated safety eyewash stations. As the WQCP must remain in continuous operation during construction, the work also includes design, construction, operation, monitoring, maintenance, and procurement of all items needed for a temporary sodium hypochlorite delivery system.

Staff advertised a notice inviting new bids for the project on January 28, 2019. On February 26, 2019, staff received two (2) bids in response. The lowest responsive and responsible bidder was Flatiron West, Inc. of Benicia, California. Staff has verified the low bidder's current contractor's license with the California State Licensing Board and found it to be in good standing.

Public Works contracts are awarded to the lowest responsible bidder whose bid is responsive to the solicitation. (Public Contract Code §20166.)

The following is a summary of all bids received:

	Base Bid Amount
Flatiron West, Inc. of Benicia, California	\$1,682,000
D.W. Nicholson of Hayward, California	\$2,101,300
The Engineer's estimate is	\$1,200,000

The project budget is:

Flatiron West Construction Contract	\$1,682,000
Construction Contingency (20%)	<u>\$338,000</u>
Total Project Budget	\$2,020,000

The construction contingency will be used for any additional costs related to design changes during the construction operations. There are no Disadvantaged Business Enterprise (DBE) requirements since no federal funds are being utilized on the project.

FUNDING

This project is included in the City of South San Francisco's Fiscal Year 2018-19 Capital Improvement Program (Project No. ss1601) and is funded by the Sewer Enterprise Fund. Staff also requests the approval of Budget Amendment number 19.050 to transfer an additional \$1,320,000 from the Sewer Enterprise Fund into the project budget to cover this project. The City's adopted sewer rate plan provides revenue to accommodate this transfer.

RELATIONSHIP TO STRATEGIC PLAN

Receiving this presentation will contribute to the City's Strategic Plan outcome of improved Quality of Life by maintaining the WQCP.

CONCLUSION

Awarding the construction contract to Flatiron West, Inc. of Benicia, California, for the WQCP Sodium Hypochlorite Storage Tank Replacement Project will replace the aging essential components of the WQCP sodium hypochlorite treatment system.

Attachments:

1. Vicinity Map