



CITY OF SAN MATEO

City Hall
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Agenda Report

Agenda Number: 12

Section Name: {{section.name}}

File ID: {{item.tracking_number}}

TO: City Council
FROM: Drew Corbett, City Manager
PREPARED BY: Public Works Department
MEETING DATE: August 17, 2020

SUBJECT:

Wastewater Treatment Plant Nutrient Removal and Wet Weather Management Upgrade and Expansion Project – California Water Service Potable Water Service Extension

RECOMMENDATION:

Approve payment of a deposit of \$272,828 to California Water Service to obtain the design plans and specifications for the construction of a new potable water/fire suppression main and service for the Wastewater Treatment Plant Upgrade and Expansion Project and authorize the Public Works Director to execute the purchase order in substantially the form presented.

BACKGROUND:

The City of San Mateo (City) is currently under a Regional Water Quality Control Board Cease and Desist Order requiring improvements to its collection system and Wastewater Treatment Plant (WWTP) to eliminate sanitary sewer overflows and unauthorized discharges of untreated or partially treated wastewater to San Francisco Bay. The Clean Water Program (CWP) includes several capital improvement projects that are currently under design and are intended to comply with the Cease and Desist Order. Specifically, the WWTP Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Project (Project) consists of new facilities, including a headworks, primary clarifiers, secondary treatment basins, membrane filtration, and a dedicated wet weather treatment train.

The design engineer of record, HDR Engineering (HDR), held a series of meetings with the San Mateo Consolidated Fire Department Fire Marshal to confirm the fire protection requirements for the Project. The existing WWTP is served by a 2-inch potable water line for domestic service and is unable to serve the new fire flow demand. This fire demand requires the installation of approximately 3,600 linear feet of 12-inch pipe to convey potable water to the site, from the nearest compliant connection to California Water Service's distribution system at Newbridge Avenue.

California Water Service has completed the design of the necessary infrastructure upgrades and has issued a cost estimate of \$2,861,900 for the installation of the water facilities to serve the Project. In order for the City to obtain a copy of the plans and specifications to allow design review, a deposit of \$272,828 is required. This deposit will be credited to the overall cost for design and construction of the required water facilities. Staff recommends payment of the deposit to allow further design review.

A future request will be required to execute an agreement with California Water Service to construct the water facilities to serve the Project and is anticipated for City Council approval in 2021.

BUDGET IMPACT:

Sufficient funds are available in the Wastewater Treatment Plant and Flow Management Upgrade and Expansion Project to pay for the deposit.

ENVIRONMENTAL DETERMINATION:

The City prepared a Final Programmatic Environmental Impact Report (Final PEIR) in accordance with the California Environmental Quality Act (CEQA) (SCH No. 2015032006). The PEIR was certified by City Council on June 6, 2016. In accordance with CEQA, the Final PEIR serves as the primary environmental compliance document for implementation of the CWP. The City prepared Addenda to the Final PEIR that were approved on July 16, 2018 (Addendum 1) and April 15, 2019 (Addendum 2). This work is within the scope of the project evaluated in the PEIR and Addendum.

NOTICE PROVIDED

All meeting noticing requirements were met.

ATTACHMENTS

Att 1 – California Water Service Invoice, Design Deposit

STAFF CONTACT

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