

STAFF REPORT*CITY OF OCEANSIDE*

DATE: October 15, 2014

TO: Honorable Mayor and City Councilmembers

FROM: Water Utilities Department

SUBJECT: **PLANS AND SPECIFICATIONS FOR THE SAN LUIS REY WATER RECLAMATION FACILITY MAJOR UPGRADES PHASE 1 PROJECT**

SYNOPSIS

Staff recommends that the City Council approve the plans and specifications for the San Luis Rey Water Reclamation Facility Major Upgrades Phase 1 project; and authorize the City Engineer to call for bids.

BACKGROUND

The San Luis Rey Water Reclamation Facility (SLRWRF) is located at 3950 North River Road. The plant was originally constructed in 1976 with the last major expansion completed in 2003.

Currently the facility has a rated capacity of 14.5 MGD for secondary treatment with an average annual flow of 9.8 MGD. The capacity of the plant is sufficient; however, improvements are necessary to continue to operate and ultimately increase the plant's efficiency.

The City prepared a Facility Needs Assessment to identify projects and facilities requiring rehabilitation and/or replacement. The most critical projects were identified and grouped together in the Major Upgrades Project Phase 1.

This Project will allow the plant to operate more efficiently and allow maintenance activities to occur with minor disruption to other plant processes.

ANALYSIS

The City Council approved an agreement with Dudek of Encinitas in August 2013 to prepare the plans and specifications for the SLRWRF Major Upgrades project. The design included the seismic upgrade of the Gravity Belt Thickening Building; rehabilitating the pipe gallery areas; replacing deteriorated piping; and replacement of aging valving. Staff has worked closely with treatment plant personnel to evaluate and maintain operation of the SLRWRF while this work will be completed. The plans and specifications were completed in August 2014.

Staff anticipates commencement of work in December 2014, and estimates that construction of the project will take approximately 12 months.

The project is exempt from the California Environmental Quality Act. The plans and specifications for the project are available for review in the offices of the City Manager and the City Engineer.

FISCAL IMPACT

The contract price is estimated to be \$2,178,000. The FY 2014/15 CIP budget includes \$2,797,650 in the San Luis Rey WWTP Major Improvements account 909125500722. Although this action does not award the project and does not result in expenditures at this time, sufficient funds are available. Funding for this project comes from the Sewer Fixed Asset Replacement Fund, 722, which is primarily funded by sewer service and flow fees.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

The Utilities Commission received an update at its regularly scheduled meeting on September 16, 2014.

CITY ATTORNEY'S ANALYSIS

The referenced documents have been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

Staff recommends that the City Council approve the plans and specifications for the San Luis Rey Water Reclamation Facility Major Upgrades Phase 1 project; and authorize the City Engineer to call for bids.

PREPARED BY:

SUBMITTED BY:

For 

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Water Utilities Division Manager



Steven R. Jepsen
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Assistant City Manager



Cari Dale, Water Utilities Director



James R. Riley, Financial Services Director



Scott Smith, City Engineer



Exhibit A: Site Map

**Gravity Belt
Thickener Building**

Aeration Tank

**Two 30-inch steel secondary
effluent transfer pipes**

**Aeration tank
influent channel**

