



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: October 9, 2012

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Increase In Change Order Authority For Headworks Screening Replacement Project At El Estero Wastewater Treatment Plant

RECOMMENDATION:

That Council authorize an increase in the Public Works Director's Change Order Authority to approve expenditures for extra work for the Headworks Screening Replacement Project at the El Estero Wastewater Treatment Plant, Contract No. 23,881, in the amount of \$222,411 for a total contract expenditure authority of \$4,746,851.

DISCUSSION:

BACKGROUND

In February 2012, an Environmental Site Assessment Report evaluating the condition of all of the City's known underground storage tanks (UST) was completed. The report identified a fuel leak in a UST located at the El Estero Wastewater Treatment Plant (EEWWTP) adjacent to the Headworks Screening and Influent Pump Station (IPS) building. The assessment report identified that the UST, containing diesel and used to operate one of the facilities backup power generators, was leaking and needed to be removed and the soil cleaned up within two years (by 2014).

Two major projects, Headworks and the IPS, are currently under construction at the EEWWTP. The Headworks Screening Replacement Project (Headworks Project) includes the replacement of piping and the entire pavement surface in the vicinity of the UST. In reviewing the scope of work for the UST removal, approximately \$150,000 could be saved in mobilization and construction management costs if the removal of the UST were incorporated with the current Headworks Project, rather than completing the tank removal as a separate project.

CURRENT STATUS

The Headworks Project, being completed by Stanek Constructors, Inc., is currently under construction and is expected to be substantially completed in December of 2012. The Influent Pump Station Replacement Project, being completed by GSE Construction, is currently in the submittal and equipment procurement phase, with major construction work scheduled to begin in April of 2013, and to be completed in 2014.

As a cost and schedule-saving measure, staff recommends increasing Stanek's Headworks Project contract by \$222,411 so that the removal of the leaking UST can be completed as part of the Headworks Project. Including the UST removal with the Headworks Project provides an overall cost savings to the City by eliminating the need to complete a separate project for the tank removal. Once the IPS work begins, it is anticipated to limit access to the area and could complicate the City efforts of removing the UST by the 2014 deadline. Including the removal of the leaking UST in the Headworks Project, allows the tank to be removed prior to major work beginning on the IPS Project, and it meets the 2014 removal deadline.

BUDGET/FINANCIAL INFORMATION:

FUNDING

The proposed \$222,411 change order increase may be eligible for coverage under the low interest State Revolving Fund (SRF) loan, which is providing funding for the Headworks Project. If the change order increase is found to be non-participating, there is sufficient funding in the Wastewater Capital Fund to cover the cost.

The following summarizes the expenditures recommended in this report:

HEADWORKS CONSTRUCTION CONTRACT FUNDING SUMMARY

	Base Contract	Change Order	Total
Initial Headworks Contract Amount (Stanek)	\$3,910,000	\$391,000	\$4,301,000
Increase approved by Council March 13, 2012 to include IPS bypass (non-participating SRF work)	\$0	\$223,440	\$223,440
Proposed Increase	\$0	\$222,411	\$222,411
Totals	\$3,910,000	\$836,851	\$4,746,851

The following summarizes all Project costs:

HEADWORKS ESTIMATED TOTAL PROJECT COST

Design	Subtotal	\$561,494
Construction Contract		\$3,910,000
Construction Change Order Allowance		\$836,851
Construction Management/Inspection (by City Staff)		\$91,157
Construction Management/Inspection (by Contract)		\$418,265
Design Support Services During Construction (by Contract)		\$224,192
Construction	Subtotal	\$5,480,465
	Project Total	\$6,041,959

There are sufficient appropriated funds in the Wastewater Fund to cover all remaining project costs.

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SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office