



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: October 30, 2007
TO: Mayor and Councilmembers
FROM: Engineering Division, Public Works Department
SUBJECT: Purchase Order For Wastewater Lift Station Corrosion Assessment

RECOMMENDATION:

That Council authorize the General Services Manager to issue a \$41,877 purchase order to V&A Consulting Engineers (V&A), for structural corrosion assessment of the City's lift stations, and up to \$4,200 in change orders to the scope of work.

DISCUSSION:

BACKGROUND

The City's Wastewater system consists of nine lift stations, 277 miles of pipelines, and the El Estero Wastewater Treatment Plant (see attachment). The function of the lift stations is to pump wastewater up over hills, so it can flow by gravity to the treatment plant. The lift stations range in age from 5 to 50 years old. Many of these structures have signs of possible corrosion damage. Staff is in the process of conducting a comprehensive condition assessment of the lift stations to plan necessary rehabilitation or upgrades. Assessing the extent of corrosion at these facilities is an important part of the condition assessment. Timely maintenance to reduce corrosion can extend the useful life of the lift stations and limit the need for expensive rehabilitation or reconstruction.

PROJECT DESCRIPTION

The proposed project consists of developing a detailed corrosion assessment report for the City's lift stations. This report will outline the current state of the lift stations and provide recommendations for, and prioritization of, work needed to maintain or restore the structures to good working condition. This information will allow the efficient budgeting of funds to keep the lift stations in good working condition.

REVIEWED BY: _____ Finance _____ Attorney

Agenda Item No. _____

CONSULTANT ENGINEERING SERVICES

Staff recommends that Council authorize the General Services Manager to issue a purchase order to V&A in the amount of \$41,877 for the above-described assessment services. Staff also recommends that Council authorize the General Services Manager to issue change orders up to \$4,200 for extra services. V&A was selected by City Staff as part of an RFP process that was issued August 20, 2007, and is highly experienced in this type of work.

TOTAL PROJECT COST ESTIMATE SUMMARY

Design for V&A	\$ 41,877
Extra Services for V&A	\$ 4,200
City Staff Time	\$ 12,150
TOTAL	\$ 58,227

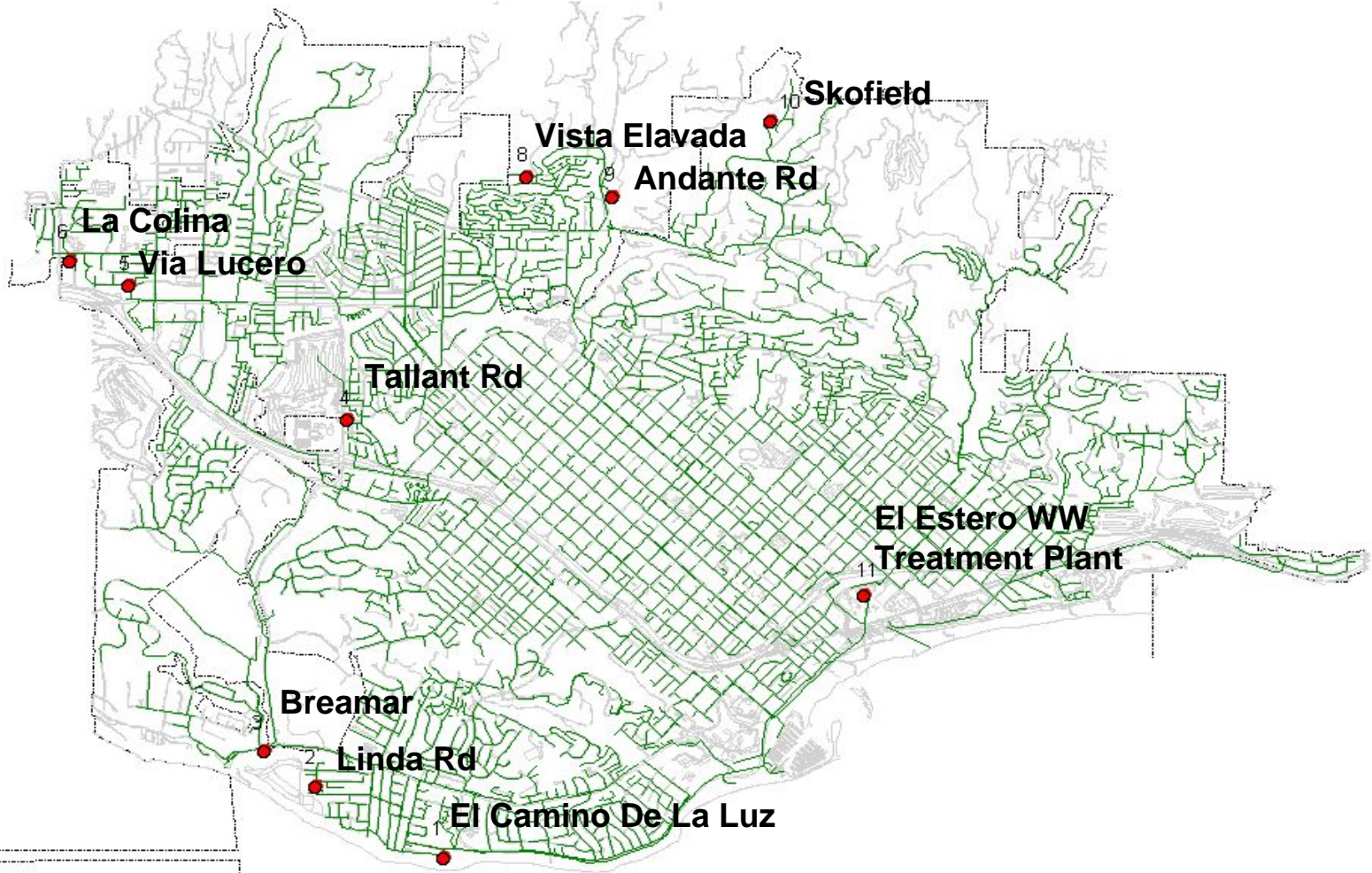
FUNDING

The total project cost estimate is \$58,227. There are enough funds in the Wastewater Capital Fund to cover project costs.

ATTACHMENT(S): Locations Map
PREPARED BY: Homer F. Smith II, Principal Engineer/PPM/cc
SUBMITTED BY: Paul Casey, Acting Public Works Director
APPROVED BY: City Administrator's Office

Attachment 1

Wastewater Corrosion Assessment Map



CITY OF SANTA BARBARA WASTEWATER SYSTEM