



# AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING  
Meeting Date: July 2, 2013

Agenda Item 6F  
**Approvals:**  
City Manager RJF  
Dept. Head WEC  
Attorney \_\_\_\_\_  
Finance JLH

**Department:** Public Works/Engineering Division  
**Prepared By:** David Rebensdorf, Assistant City Engineer

**Subject:** *PROFESSIONAL SERVICES AGREEMENT WITH WILSON ENGINEERS FOR SOLIDS HANDLING SLUDGE STORAGE TANK, PROJECT NO. 14205.*

**Fiscal Impact:** The project is budgeted for design and construction from the Sewer Fund Sewer Connection Fee in FY 2014. There are sufficient funds within the project budget for the proposed agreement.

**Summary:** Staff recommends that Council approve an agreement with Wilson Engineers in the amount of \$134,100 for the Water Reclamation Plant Sludge Storage Tank design services.

**Discussion:** Digested sludge is a byproduct of wastewater treatment at the Water Reclamation Plant (WRP). It is stored in an existing concrete tank prior to dewatering to reduce the weight of the material so it can be transported and disposed at a lower cost. The existing sludge storage tank provides approximately 1.5 days of storage. During wet weather periods, the digested sludge can not be taken to the local landfill and hauling can be more problematic. Increasing storage capacity to approximately 4 days will improve conditions during wet periods and will allow for increased operational efficiency of sludge processing. The additional storage will allow staff to process sludge every other day during the week and will eliminate sludge processing on weekends. Sludge will be processed for longer periods of time every other day and will reduce the number of start ups and shutdowns for the equipment which will lower overall maintenance. Recently, the City Council approved a staffing reduction from 5 plant operators to 4, the modification increased operator responsibility for overall plant operation and this project assists with the reduction in staffing due to lowering the number of hours for sludge processing.

Staff solicited proposals from engineering consultants to provide design and construction period design support services for addition of a second sludge storage tank at the WRP. Three engineering firms submitted proposals with proposed cost varying from \$124,580 to \$199,745. Staff interviewed all three consultants and recommends Wilson Engineers to be contracted for the performance of the design services. Wilson Engineers has an extensive track record for successful design and construction of similar facilities, and provided excellent understanding of the project in their proposal and the interview. Wilson Engineers original cost proposal was \$124,580. During negotiations their scope of services was increased to provide additional on-site survey for siting the tank and for providing final construction as-built drawings for City files, increasing the cost to \$134,100.

**Recommended**

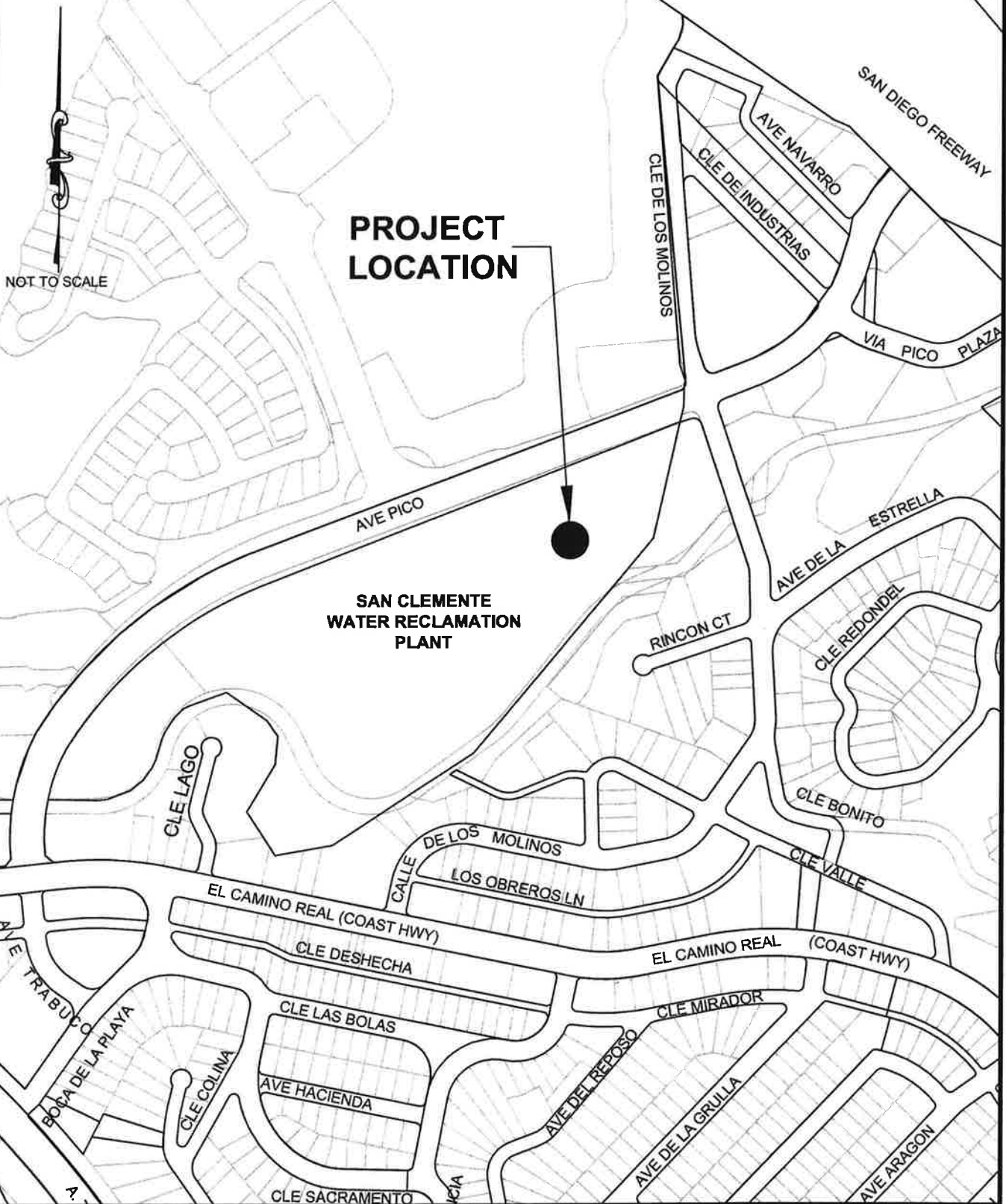
**Action:** STAFF RECOMMENDS THAT the City Council approve and authorize the Mayor to execute a Professional Services Agreement with Wilson Engineers in the amount of \$134,100 for Solids Handling Sludge Storage Tank, Project No. 14205.

**Attachments:** 1. Location Map  
2. Professional Services Agreement is available at City Clerk's office.

**Notification:** None

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**LOCATION MAP**  
**SOLIDS HANDLING**  
**SLUDGE STORAGE TANK**  
 P.N. 14205

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