

**SANTA BARBARA COUNTY
BOARD AGENDA LETTER**



Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Agenda Number:
Prepared on: 8/15/02
Department Name: PW/Laguna Sanitation District
Department No.: 054
Agenda Date: 9/3/02
Placement: Administrative
Estimate Time:
Continued Item: NO
If Yes, date from:

TO: Board of Directors

FROM: Phillip M. Demery
Director, Public Works

STAFF CONTACT: Mark A. Schleich, Deputy Director
Martin J. Wilder, District Manager x8750

SUBJECT: Contruction of the Total Dissolved Solids and Recycled Water Project (BRINEX #860031), Fourth and Fifth Supervisorial Districts

Recommendation(s):

That the Board of Directors:

- A. Approve and authorize contract change order no. 6 to board contract BC 02029 in the amount of \$119,861 for the Total Dissolved Solids and Recycled Water project (BRINEX-860031)

Alignment with Board Strategic Plan:

The recommendation(s) are primarily aligned with Goal No. 2, A safe and healthy community in which to live, work and visit.

Executive Summary and Discussion:

The TDS Reduction and Recycled Water project implements treatment improvements to the wastewater reclamation plant. The improvements include membrane filtration, reverse osmosis and ultraviolet disinfection as well as major repairs to the trickling filter, boiler and flare system. At this time construction is approximately 75% complete.

The low bid for this project was submitted by Cushman Contracting Corporation (a local vendor) on Thursday, June 14, 2001. The Board awarded the contract to Cushman and approved a budget of \$8,148,000 on July 10, 2001 which included a contingency of \$150,000.

To date 5 contract change orders have been approved. Contract change order no. 1 and change orders 3 through 5 authorized work within the \$150,000 contract contingency which has a remaining balance of \$3,258.

Contract change order no. 2 was in the amount of \$828,099 and was approved by the board on November 6, 2001 and addressed revisions to the foundations of the new facilities. The proposed method for providing foundation support was found to be incompatible based on subsequent to exploratory excavations such that the soil below the proposed construction would not be seismically competent and would be subject to liquefaction. The foundation support was therefore changed to include a pile system which was found to be the most cost effective and appropriate for the situation through a peer review performed by CH2MHill.

This contract change order addresses 15 minor items including pipe modifications, deletions, and additions; valve modifications and additions; concrete pads; site grading; electrical building modifications; additional storage pond excavation; and authorization for contractor personnel to be on site at all times through the end of the construction period to facilitate plant startup. The change order is in the amount of \$119,861 and amends the total budget to \$9,095,960.

The project is funded through a low interest loan from the State Water Resources Control Board (SWRCB) in the amount of \$9.15 million and District reserves. The loan application was approved by the Board on April 11, 2000 and was endorsed by the Santa Barbara County Debt Advisory Committee on February 15, 2000. The loan finances the construction of the plant improvements and associated administrative costs including design and construction management. The Contract Change Order will be funded by District reserves.

The TDS Reduction and Recycled Water project is included in the Five Year Capital Improvement Plan (2000/2005 CIP B-248).

Mandates and Service Levels:

There are no changes in programs or service levels with this action.

Fiscal and Facilities Impacts:

The project is funded by District service charges and is included in the budget as shown on page D-304 of the 200/2003 budget under the Laguna Sanitation cost center of the Solid Waste & Utilities Division. Funding is located in Department 054, Fund 2870, Program 6000, Account 8200.

Special Instructions:

Retain one copy of the contract change order and return all others along with a certified stamped minute order approving this action to the Public Works Department, Laguna County Sanitation District to the attention of Sheila Engellenner, ext 8750.

Concurrence:

None required