



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: December 4, 2007

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Contract For Design Of The Cater Water Treatment Plant Solids Removal System

RECOMMENDATION:

That Council authorize the Public Works Director to execute a Professional Services Contract with Carollo Engineers, Inc., (Carollo), in a not-to-exceed amount of \$119,388 for design services, and \$11,939 for extra services for necessary changes in the scope of work, for the design of a Solids Removal System at the Cater Water Treatment Plant (Cater).

DISCUSSION:

BACKGROUND

Cater was constructed in 1964 to treat surface water from Lake Cachuma for the City of Santa Barbara. In 1981, the plant was expanded to a capacity of 37 million gallons a day to extend the treatment service area to include the Montecito and Carpinteria Valley Water Districts.

The Solids Removal equipment moves solids from the sedimentation basins to the drying beds. The current mechanical Solids Removal System for the sedimentation basins was installed during the original 1964 plant construction. This critical mechanical system has outlived its useful life, and is in need of replacement.

REVIEWED BY: _____Finance _____Attorney

Agenda Item No. _____

PROPOSED SCOPE OF WORK

Carollo will design a replacement Solids Removal System and provide all contract documents (bid documents, technical specifications, and engineering drawings) necessary to solicit bids for construction. Carollo has submitted an acceptable proposal in an amount of \$119,388. Staff also recommends authorization of \$11,939, or 10% of the design contract, for necessary changes in the scope of work, which is typical for this type and size of project.

Carollo is on the City's Pre-qualified Engineering Services list. They created the Cater Water Treatment Plant Strategic Plan that identifies and schedules capital improvement projects for Cater. They were selected through an RFP process for the design of the Cater Improvement Project, which upgraded every major plant process with the exception of the Solids Removal System. Carollo's knowledge, experience, and success working at Cater, makes them best suited to perform the design work proposed for the Solids Removal System.

FUNDING:

Funds for this phase of the project are budgeted in the Fiscal Year 2008 Water Fund Capital Program. Construction costs are currently estimated at \$740,000, and are budgeted in the Fiscal Year 2009 Water Fund Capital Program. On November 12, 2007, the City's Water Commission voted 4-0 in favor of this proposed work effort.

SUSTAINABILITY IMPACT:

The scope of work includes a component to evaluate energy-efficient equipment alternatives and investigate options for minimizing solid waste generation at Cater.

PREPARED BY: Cathy Taylor, Water System Manager/ST/mh

SUBMITTED BY: Paul Casey, Acting Public Works Director

APPROVED BY: City Administrator's Office