



Meeting Date: 05/08/2007

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input checked="" type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Tamara Sexton Agenda Item No. I-3
 Reviewed By: City Manager [Signature] City Attorney [Signature] Finance SW Other Public Works/Water

DATE: April 27, 2007

TO: City Council

FROM: Mark Norris, Assistant Public Works Director [Signature] FOR MN
 Public Works Department, Utilities Services Branch

SUBJECT: Agreement with Kennedy Jenks Consultants for Blending Station No. 1 Fluoridation Project, at 251 South Hayes Avenue.

RECOMMENDATION

That City Council approve and authorize the Mayor to execute the agreement with Kennedy Jenks Consultants for \$382,852 for the Blending Station No. 1 Fluoridation Project (Agreement No. A-6869).

DISCUSSION

Metropolitan Water District of Southern California (MWDSC) will begin fluoridating its water in October 2007. The City purchases approximately half of its water from Calleguas Municipal Water District (CMWD), a member agency of MWDSC, and blends it with local groundwater, either produced by City-owned wells or by wells owned by United Water Conservation District (UWCD). Both water purchased from UWCD and water produced by the City-owned wells contains natural fluoride.

When it is completed and brought into service in mid-2008, the Blending Station No. 1 Desalter will remove most dissolved minerals, including the natural fluoride, from the groundwater produced by the City-owned Blending Station No. 1 Wellfield No. 2. The Blending Station No. 1 Fluoridation Facility and associated systems will add fluoride back to the treated groundwater to return it to a natural level, prior to blending with water from CMWD.

The scope of this agreement includes the design of the Blending Station No. 1 Fluoridation Facility, which will include a fluoridation system, an orthophosphate system, and storage space. This facility will be located west of the Permeate tank at Blending Station No. 1, at 251 South Hayes Avenue. The liquid fluoride and orthophosphate will be pumped to the Desalter's Chemical Building, where it will be injected into the permeate water prior to blending with other groundwater sources.

The scope will also include developing a Fluoride System Operations Contingency Plan and a Fluoride

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System Monitoring Plan, in accordance with the California Department of Health Services' requirements. The scope of services includes providing the necessary professional engineering design, consultation, and coordination services for the project.

Kennedy/Jenks was one of several multi-disciplinary engineering design firms that responded to the City's request for qualifications for consultation and design work for the GREAT Program and the Blending Station No. 1 Desalter Project. Kennedy/Jenks has successfully completed the final design for the Desalter Project, and is currently assisting the City with construction administration. The City Council has recently authorized Kennedy/Jenks to design modifications to the existing chemical system at the Blending Station No. 1 site, in order to facilitate safer, more reliable, and more efficient management of the City's treatment chemicals systems. Because of Kennedy/Jenks qualifications and familiarity with the chemical systems at the Blending Station No. 1 site, staff found Kennedy/Jenks to be the most qualified firm to perform the current scope of work, and subsequently negotiated a fee.

FINANCIAL IMPACT

The cost of Agreement No. A-6869 is \$382,852. There are sufficient funds in Account No. 601-6552-821-8201, Project 066009, GREAT Desalter, to cover the cost of the agreement. The GREAT Desalter Project is included in the City's Capital Improvement Program budget, and is funded through the 2006 series Revenue Project Bonds.

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Attachments – #1. Agreement No. A-6869

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