

City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Matthew J. Fertal
From: Keith G. Jones
Dept: City Manager
Dept: Public Works
Subject: RECOMMENDATION TO AWARD
CONTRACT FOR PROFESSIONAL
ENGINEERING SERVICES FOR
CHLORINATION SYSTEM CONVERSION
PROJECT
Date: October 23, 2007

OBJECTIVE

To recommend that the City Council award a contract for professional engineering services for the Chlorination System Conversion project.

BACKGROUND

The City currently uses eleven (11) water wells to provide a ground water supply for potable water use. The current method used for disinfection is chlorine gas applied at the point of discharge at each wellhead. The Uniform Fire Code classifies chlorine as both a toxic gas and a corrosive gas. During vulnerability assessment and the review of the Risk Management Plan in July 2007, it was evaluated and identified that these chlorine gas disinfection systems pose a potential for community exposure to chlorine gas that could cause a serious public safety hazard. The City requires a consultant to design safer liquid chlorine delivery systems to replace the existing chlorine gas delivery systems. The project will be designed this year and construction will take place in FY 2008/09.

DISCUSSION

Staff requested proposals from seven (7) firms to provide professional engineering services. Out of those seven (7), only four (4) consultants responded. Three staff members rated the submitted proposals on the basis of qualifications without considering cost. Based on evaluation results, DBE Psomas rated highest in qualifications and its ability to provide professional engineering services for this project. The following is a summary of the ratings with the highest total being the most qualified:

	DBE Psomas Laguna Hills, CA	Tetra Tech Irvine, CA	Albert A. Webb & Associates Riverside, CA	PBS&J Orange, CA
<i>Rater A</i>	158	155	152	140
<i>Rater B</i>	176.5	156.5	157.5	141
<i>Rater C</i>	167.5	160	161.5	146.5
Totals	502	471.5	471	427.5

Upon selection of the most qualified firm Engineering staff interviewed DBE Psomas and negotiated an agreement for its services.

FINANCIAL IMPACT

Water funds were appropriated for the FY 2007/08 budget to finance DBE Psomas' total bid of \$314,780. There is no impact to the General Fund.

COMMUNITY VISION IMPLEMENTATION

This project is consistent with the community vision for maintaining and upgrading the water system to ensure maximum protection of public health and the environment.

RECOMMENDATION

It is recommended that the City Council:

- Award the contract for professional engineering services to DBE Psomas for the Chlorination System Conversion Project.
- Authorize the City Manager to sign and execute the professional service agreement with DBE Psoma for the professional engineering services of the Chlorination System Conversion Project in the amount of \$314,780.

KEITH G. JONES
Public Works Director

By: Samuel Kim
Acting Project Engineer

Attachment(s): Professional Services Agreement – Attachment No.1
DBE Psomas Proposal – Attachment No. 2
Panel Rating Sheets – Attachment No. 3