

**CENTRAL BASIN MUNICIPAL WATER DISTRICT**

**SEPTEMBER 9, 2004 - Water Resources**  
 Morse, Hawkins  
**SEPTEMBER 27, 2004 - Board Meeting**  
 Prepared by: Van M. Jew  
 Submitted by: Paul E. Shoenberger  
 Approved by: Richard Nagel

**ACTION CALENDAR**

**WATER QUALITY PROTECTION PROGRAM (WQPP)**  
**FLUORIDATION OPERATIONS**

**SUMMARY:**

Per our contract agreement with the City of Pico Rivera, the District is to provide fluoridated potable water deliveries to the City as part of the WQPP.

**Hydrofluosilic Acid**

Hydrofluosilic acid will be used to fluoridate the WQPP potable water deliveries to the City of Pico Rivera. The initial quantity of hydrofluosilic acid to be supplied by the WQPP design-builder is expected to last four to eight weeks. The District will be required to secure a vendor to provide the acid beyond the initial supply.

Through the formal solicitation process, staff issued a "Request for Bids" (RFB) to supply and deliver the acid and received only one bid. The District implemented its discretionary right to reject all bids and subsequently re-issued the RFB. The bid results of the re-issued RFB were as follows:

<b>Bidder</b>	<b>Bid Amount (\$/gal)</b>
LA Chemical	\$7.686
Basic Chemical	\$9.959
Miles Chemical	\$10.95 + \$10/delivery fuel surcharge

Based on the low-bid price, a contract in the amount of \$30,743 will be required to meet the District's projected hydrofluosilic acid need over the next 12 months.

**Amendment to Operations Contract**

American States Utility Services (ASUS) is the District's contract operator of the WQPP. The operation of the fluoridation station is not included from the current "Scope of Services", since there was some question as to whether the City of Pico Rivera would continue with their fluoridation program. The District has since been informed that the City will be moving forward with its fluoridation program.

Staff and ASUS have negotiated fees to include the operation and maintenance of the fluoridation station into the "Scope of Services". The fees are as follows:

One-time startup fee: not-to-exceed \$2,700

Additional monthly fee: \$1,000

The \$1,000 monthly fee covers an estimated 15 man-hours of labor. The District is currently paying a monthly fee of \$3,750 to operate the WQPP. The additional monthly fee would raise the total monthly fee to \$4,750. The monthly fee is schedule to be renegotiated six months after operations of the WQPP become permitted by the California Department of Health Services.

The "Scope of Services" for the monthly fluoridation operations include the following:

- Coordination of operations with the City of Pico Rivera;
- Response to auto dialer alarms at the fluoridation station will include but not be limited to high-fluoride concentrations, high-pressures, low-pressures, high-tank levels, and low-tank levels;
- Monitor the fluoridation SCADA that includes pressure, fluoride concentration, tank level, and chlorine monitoring data;
- Manage (schedule, plan, contact and coordinate with the vendor) the deliveries of chemicals to the fluoridation station;
- Directly receive the invoices from the chemical vendor(s), confirm the invoiced quantities are accurate, and submit the invoice to Central Basin within five (5) business days. Central Basin will be responsible for paying the invoices directly to the chemical vendor(s);
- Recommend to Central Basin operational enhancements that will result in safer and more efficient operations of the fluoridation station; and
- Regular visits incorporated with GAC visits to check fluoridation system and monitoring (every other day).

### **Additional Costs**

The District will also be required to provide certified fluoridation operation training to the ASUS operators and also purchase fluoridation operation safety and testing equipment.

### **FISCAL IMPACTS:**

Neither of the two items were itemized in the FY 2004-05 operations and maintenance budget for the WQPP. However, with the delay in the start-up of the WQPP, sufficient excess funds are expected to be available in the said budget to cover costs.

### **ENVIRONMENTAL COMPLIANCE:**

The operators of the fluoridation station will require certified fluoridation operation training.

### **COMMITTEE STATUS:**

This item was reviewed by the Water Resources Committee on September 9, 2004 and recommended for approval at the September 27, 2004 Board meeting.

### **RECOMMENDED MOTION:**

That the Board authorizes the Co-Acting General Managers to:

- 1) Enter into a contract with Los Angeles Chemical Company to supply and deliver hydrofluosilic acid for a twelve month period at an amount not-to-exceed \$33,800 (\$30,743 plus 10% contingency); and
- 2) Amend the contract with ASUS to include fluoridation operations into the "Scope of Services" for the WQPP for a one time not-to-exceed startup fee of \$2,700 and an additional monthly fee of \$1,000. ASUS' current contract term is through February 26, 2006.

LIST OF EXHIBITS:

None.

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