



WEST BASIN MUNICIPAL WATER DISTRICT
17140 S. Avalon Blvd., Suite 210
Carson, CA 90746

AGENDA NO. 27

MARCH 11, 2010 – Water Resources

Little (Chair), Gray

MARCH 22, 2010 – Board Meeting

Prepared by: Christiana Daisy

Submitted by: Wyatt Won

Approved by: Rich Nagel

ACTION CALENDAR

EXTENSION OF CURRENT SUPPLY AND DELIVERY OF ANTISCALANT CONTRACT

SUMMARY:

Antiscalant combined with pH control are used in the reverse osmosis (RO) treatment process to help inhibit scaling of the RO elements. Antiscalant is typically a proprietary chemical that must be tested on West Basin Municipal Water District's (West Basin) recycled water to verify its success. West Basin's current supplier is King Lee Technologies. King Lee has been supplying antiscalant to West Basin since 2001 after successfully passing pilot testing to verify that it inhibits scaling. Since then, West Basin has paid King Lee between \$0.71-0.98 per pound of antiscalant. In September 2009, the Board authorized a six-month contract extension with King Lee at a price of \$0.71 per pound to accommodate demonstration testing and then in March 2009 "Requests for Proposals" (RFP) were issued and demonstration testing was conducted with the proposers.

Under the March 2009 RFP evaluation criteria, none of the proposers passed the demonstration test. As a result, staff re-configured the evaluation criteria and re-issued an RFP on January 19, 2010. The proposals have been evaluated based on the total annual cost of antiscalant product delivered and the successful completion of a 30-day demonstration test. The proposal with the lowest cost product will be tested first. If an antiscalant passes the demonstration test, staff will recommend that product be used when the current contract with King Lee expires in April 2010. If the antiscalant does not pass the test, the proposal with the second lowest cost will be tested, and so on, until an antiscalant is found that passes the test.

Staff received six proposals from the following manufacturers and the combined cost evaluation determined the following from lowest to highest cost:

- Nalco Company
- American Water Chemicals, Inc.
- King Lee Technologies
- BWA Water Additives
- Avista Technologies
- Genesys LF

The first demonstration test began February 2010 with Nalco Company's product. Staff requests extending the current contract with King Lee for six months since the demonstration tests will not be completed prior to the expiration of the current contract.

Staff will keep the Board updated as to the progress of the antiscalant testing.

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 4: Sound Financial & Resources Management – West Basin is committed to efficient business operations, financial planning and asset management.

FISCAL IMPACTS:

Funds are included for chemicals in the Fiscal Year 2009-10 Facility Replacement Fund.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on March 11, 2010 and recommended for approval at the March 22, 2010 Board meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to extend the current contract with King Lee for six months at the existing price of \$0.71 per pound for a total contract amount of \$70,000.

LIST OF EXHIBITS:

None.