



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

**AGENDA NO. 31**

**APRIL 15, 2010 – Water Resources**

Little (Chair), Gray

**APRIL 26, 2010 – Board Meeting**

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Approved by: Rich Nagel

## ACTION CALENDAR

### CHEMICAL SUPPLY CONTRACT

#### SUMMARY:

#### **CONTRACT AMENDMENTS**

Chemicals are required as part of the treatment to produce recycled water. As a result of recycled water production increasing over the past several years, there has been a simultaneous increase in chemical consumption. The trend is anticipated to continue as our facilities expand to meet future demands.

The Board authorized chemical supply contracts that will expire on June 30, 2010. The Board approved two contracts with JCI Jones one in the amount of \$1,128,215 for sodium hypochlorite (used for disinfection), and the other in the amount of \$399,247 for sodium hydroxide (used for pH control). In managing these contracts, staff forecasts that there are insufficient funds to last through the end of this fiscal year, when these contracts expire. Staff requests an additional \$150,000 for sodium hypochlorite, and \$15,000 for sodium hydroxide.

#### **SODIUM BISULFITE CONTRACT AMENDMENT AND REQUEST TO EXTEND CONTRACT**

Sodium bisulfite is used in the recycled water treatment processes, specifically to dechlorinate the recycled water so it can be used for specific industrial purposes.

West Basin Municipal Water District (West Basin) currently has a contract with Basic Chemical Solutions, L. L. C. for the supply and delivery of sodium bisulfite through June 30, 2010. Under this contract, West Basin pays \$0.327 per dry pound of sodium bisulfite. In managing this contract staff forecasts there will be insufficient funds to last through June 30, 2010. Staff is requesting an additional \$20,000 to cover costs through June 30, 2010.

Staff issued a "Request for Bid" for sodium bisulfite on March 24, 2010 and Basic Chemical Solutions submitted a proposal to West Basin to extend their current contract for one year at a reduced unit cost of \$0.3056 per dry pound. Additionally, if approved by the Board, Basic Chemical Solutions will honor this unit price effective immediately. For Fiscal Year (FY) 2010-11, West Basin projects that it will use approximately 48,000 pounds of sodium bisulfite per month.

#### **FERRIC CHLORIDE CONTRACT EXTENSION**

Ferric chloride is used in the treatment processes at the Edward C. Little Water Recycling Facility (ECLWRF), specifically as a primary coagulant in the Title 22 process.

West Basin Municipal Water District (West Basin) currently has a contract with Kemira Water Solutions, Inc. (Kemira) for supply and delivery of Ferric chloride that will expire on June 30, 2010. Under this contract, West Basin pays \$585 per ton for Ferric chloride. In anticipation of West Basin issuing a "Request for Bids" (RFB) and in an effort to be proactive, Kemira submitted a proposal to West Basin to extend their current contract for another year at a reduced unit cost of \$565 per ton. During Fiscal Year (FY) 2010-11, West Basin projects that it will use approximately 230 tons of Ferric chloride per month.

## **FISCAL YEAR 2010-11 CHEMICAL SUPPLY REQUEST FOR BIDS**

Staff issued RFB's in March 2010 for the following chemical contracts that will expire on June 30, 2010:

- sulfuric acid
- hydrated lime
- hydrogen peroxide
- sodium hydroxide
- sodium hypochlorite

A recommendation for each chemical will be brought to the Board for consideration in May.

### STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 2: Water Quality – West Basin is committed to providing safe, high quality water by meeting current and anticipated water quality requirements.

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

### FISCAL IMPACTS:

Funds are included in the FY 2009-10 Operations Budget.

### ENVIRONMENTAL COMPLIANCE:

Not applicable.

### COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on April 15, 2010 and agendized to the April 26, 2010 Board meeting for consideration.

### RECOMMENDED MOTION:

That the Board authorizes the General Manager to:

1. Amend the JCI Jones current contract for sodium hypochlorite in the amount of \$150,000 plus a 10% contingency for a total of \$165,000, and for a total amount not-to-exceed \$1,293,215;
2. Amend the JCI Jones current contract for sodium hydroxide in the amount of \$15,000 plus a 10% contingency for a total of \$16,500, and for a total amount not-to-exceed \$415,747;
3. Amend Basic Chemical Solutions, L.L.C. contract in the amount of \$20,000 plus 10% contingency for a total not-to-exceed contract amount of \$187,320 through June 30, 2010 and considers extending the current contract with Basic Chemical Solutions, L. L. C. for one year through June 30, 2011 at a price of \$0.3056 per dry pound for up to an additional \$177,000 for a total contract amount not-to-exceed \$364,320; and
4. Extend the current contract with Kemira for one year through June 30, 2011 at a price of \$565 per ton for up to an additional \$1,600,000, for a total contract amount not-to-exceed \$3,144,400.