

WEST BASIN MUNICIPAL WATER DISTRICT

JUNE 4, 2003 - Water Resources
Little, Kwan

JUNE 23, 2003 - Board Meeting

Prepared by: Van M. Jew

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Approved by: Darryl G. Miller

ACTION CALENDAR

CHEMICAL SUPPLY CONTRACTSSUMMARY:

West Basin uses various chemicals at the West Basin Water Recycling Plant (WBWRP), the Chevron Nitrification Plant, Exxon Mobil Nitrification/Boiler Feed Plant, and the Juanita Millender-McDonald Carson Regional Water Recycling Plant to treat recycled water. Staff issued "Request for Bids" for carbon dioxide, ferric chloride, liquid sodium bisulfite, lime, and sodium hypochlorite. Bids for the chemicals are summarized as follows:

Carbon Dioxide: Staff received two bids on the supply and delivery of carbon dioxide. The lowest responsible bidder was BOC Gases with a bid of \$67.12 per ton. This unit price is a 10% decrease from the unit price in the current contract with Airgas Carbonic/Dry Ice to supply and deliver carbon dioxide.

Ferric Chloride: Staff received two bids on the supply and delivery of ferric chloride. The lowest responsible bidder was Kemiron Companies, Inc. with a bid of \$329.08 per dry ton. This unit price is an 8% decrease from the unit price in the current contract with Kemiron Companies, Inc. to supply and deliver ferric chloride.

Liquid Sodium Bisulfite: Staff received three bids on the supply and delivery of liquid sodium bisulfite. The lowest responsible bidder was Basic Chemical Solutions with a bid of \$0.1786 per pound. This unit price is a 12% decrease from the unit price in the current contract with JCI Jones Chemical to supply and deliver liquid sodium bisulfite.

Lime: Staff received one bid on the supply and delivery of lime. The bid was submitted by Chemical Lime Company, the current supplier of lime to the District. Their bid was for \$102.89 per ton and is a 2% increase from the unit price in the current contract to supply and deliver lime.

Sodium Hypochlorite: Staff received five bids on the supply and delivery of sodium hypochlorite. The lowest responsible bidder was JCI Jones Chemical with a bid of \$0.4213 per gallon. This unit price is a 16% increase from the unit price in the current contract with JCI Jones Chemical to supply and deliver sodium hypochlorite.

A summary of all bids are included in Exhibit "A." The value of the chemical contracts will vary depending on the volume and quality of the Hyperion water delivered to WBWRP.

FISCAL IMPACTS:

Funds are available in the Operations and Maintenance Budget for fiscal year 2003-04.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on June 4, 2003 and recommended for approval at the June 23, 2003 Board meeting.

RECOMMENDED MOTIONS:

Authorize the General Manager to enter into agreements with:

1. BOC Gases to supply and deliver carbon dioxide for 12 months at a unit price of \$67.12 per ton. The maximum amount of carbon dioxide purchases for the 12-month period is estimated at \$150,000;
2. Kemiron Pacific, Inc. to supply and deliver ferric chloride for 12 months at a unit price of \$329.08 per ton. The maximum amount of ferric chloride purchases for the 12 month period is estimated at \$300,000;
3. Basic Chemical Solutions, LLC to supply and deliver liquid sodium bisulfite for 12 months at a unit price of \$0.1786 per pound. The maximum amount of sodium bisulfite purchases for the 12-month period is estimated at \$180,000;
4. Chemical Lime Company to supply and deliver lime for 12 months at a unit price of \$102.89 per ton. The maximum amount of lime purchases for the 12-month period is estimated at \$475,000;
5. JCI Jones Chemical to supply and deliver sodium hypochlorite for 12 months at a unit price of \$0.4213 per pound. The maximum amount of sodium hypochlorite purchases for the 12-month period is estimated at \$575,000.

EXHIBITS:

Exhibit "A" - Bid Summary