

WEST BASIN MUNICIPAL WATER DISTRICT**OCTOBER 4, 2001 – Water Resources**

McDonald, Little

OCTOBER 22, 2001

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Approved by: Darryl G. Miller

ACTION CALENDAR

SUPPLY AND DELIVERY OF ANTISCALANTSUMMARY:

Antiscalant is used in the reverse osmosis process at several West Basin facilities to prevent the deposition of inorganic material on the reverse osmosis elements. Staff received bids from five vendors earlier this summer to supply and deliver antiscalant to West Basin's water recycling facilities. A summary of the bids is shown in Table 1. The Board previously approved entering into an agreement with the lowest bidder, Professional Water Technologies (PWT), to supply and deliver antiscalant to West Basin's water recycling facilities. Use of the antiscalant was conditioned on PWT showing that the antiscalant would prevent scaling in a 30-day pilot test. Results of the test showed that the proposed antiscalant did not prevent scaling in the pilot plant.

Staff has contacted the second lowest bidder, King Lee Technologies, to start pilot testing of their proposed antiscalant. The pilot testing is scheduled to start in late September. Contingent upon the vendor demonstrating that the proposed antiscalant will prevent scaling in the reverse osmosis elements, staff recommends entering into an agreement with the second lowest bidder, King Lee Technologies, to supply and deliver antiscalant to West Basin's water recycling facilities.

FISCAL IMPACTS:

Funds are available in the FY 2001-02 Operations and Maintenance Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on October 4, 2001 and was recommended for approval at the October 22, 2001 Board meeting.

RECOMMENDED MOTION:

Authorize the General Manager to enter into an agreement with King Lee Technologies to supply and deliver antiscalant to the Water Recycling Plant, Mobil Boiler Feed Plant, and the Carson Regional Water Recycling Plant at \$0.98 per pound, contingent on successful results of pilot testing. The maximum amount of antiscalant purchases next year is estimated to be \$150,000.

LIST OF EXHIBITS:

Exhibit "A" – Summary of Bids

Table 1

Summary of Antiscalant Bids

Company	Delivered to	Price/lb.	Dose (mg/L)	Calculated Bid Cost
Professional Water Technologies	WBWRP T1&2	\$0.65	1.8	\$87,571
	WBWRP T3-5	\$0.65	2.0	
	Mobil Boiler Feed/CRWRP	\$0.65	2.0	
King Lee Technologies	WBWRP T1&2	\$0.98	1.6	\$128,695
	WBWRP T3-5	\$0.98	2.0	
	Mobil Boiler Feed/CRWRP	\$0.98	2.0	
Ondeo Nalco	WBWRP T1&2	\$1.12	1.75 – 2.0	\$136,952
	WBWRP T3-5	\$1.12	1.75	
	Mobil Boiler Feed/CRWRP	\$1.12	1.75	
BetzDearborn	WBWRP T1&2	\$1.08	2.0	\$157,965
	WBWRP T3-5	\$1.08	2.0	
	Mobil Boiler Feed/CRWRP	\$1.10	2.25	
Avista Technologies	WBWRP T1&2	\$1.58	2.0	\$350,057
	WBWRP T3-5	\$2.53	2.25	
	Mobil Boiler Feed/CRWRP	\$2.53	2.25	
Current Contractor				
Ondeo Nalco	WBWRP T1&2	\$1.12	1.0	\$80,354.23
	WBWRP T3-5	\$1.12	1.5	
	Mobil Boiler Feed/CRWRP	\$1.12	1.5	