

**WEST BASIN MUNICIPAL WATER DISTRICT**

**AUGUST 6, 2003 - Water Resources**  
McDonald, Little

**AUGUST 25, 2003 - Board Meeting**

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Approved by: Darryl G. Miller

ACTION CALENDAR

PILOT PLANT INCREASED COSTS

SUMMARY:

Currently, the desalination pilot plant is non-operational due to some equipment retrofits necessary to reduce vibrations. The retrofits will include relocating the reverse osmosis (RO) pumps off the frame, improvements to the RO frame, increasing the break-tank capacity between the microfiltration and RO units, and data recording improvements. The estimated construction costs to perform these retrofits was \$25,000.

At the April 2003 Board meeting, the Board authorized the General Manager to spend up to \$35,000 on the retrofits - \$25,000 for the construction and \$10,000 to SPI for their oversight.

United Water Services (UWS) contacted five consultant companies that were qualified to perform this type of work, but only three submitted a bid. Advanced Environmental Water Technologies (AEWT), a RO system manufacturer and system integrator, bid \$68,828. CDM, an environmental consultant company, submitted a bid at \$75,500. Filanc, a Southern California based construction company, bid \$40,523.

Filanc not only had the lowest bid, they had no difficulty with staffing or the licensed contractor requirement, and could guarantee completion of the job within 30 days. Filanc is a general contractor but will not be working on the control units and will be operating under SPI and UWS oversight.

Assuming Board approval, staff would immediately notify UWS, who will issue a contract to Filanc for the work. UWS estimates no more than one week for all parties to sign the contract, indicating that retrofit work could begin the week of Labor Day. The work is estimated to take no more than 30 days, which would ensure completion around the end of September. It is assumed that full pilot plant operations could resume around the first week of October.

A copy of the bid received from Filanc is included as Exhibit "A".

FISCAL IMPACTS:

Increased funds for this effort are available in the fiscal year 2003-04 Water Recycling Operations Research and Development Program Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was not available for the Water Resources Committee on August 6, 2003. The Committee recommended that this item be agendaized to the August 25, 2003 Board meeting for consideration.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to extend the desalination pilot plant retrofit costs for an additional \$15,523 plus 10% contingency.

LIST OF EXHIBITS:

Exhibit "A" - Filanc bid

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