

WEST BASIN MUNICIPAL WATER DISTRICT

JANUARY 11, 2007 - Water Resources
Little, Smith

JANUARY 22, 2007 - Board Meeting

Prepared by: Cheryl Ross

Submitted by: Paul E. Shoenberger

Approved by: Rich Nagel

ACTION CALENDAR

WEST COAST BASIN BARRIER PROJECT ANNUAL COMPLIANCE REPORT
CONSULTING SERVICES

SUMMARY:

The West Basin Water Recycling Plant Barrier permit requires an annual summary report discussing water quality compliance, and fate and transport of the recycled water injected into the aquifers. The report must contain the following information, at a minimum:

- Compliance Data in Tabular and Graphical Summaries;
- Mass Balance Calculations;
- Injected Water Flow Path Determinations;
- Flow & Transport Model Development/Revision; and
- Temporal and Spatial Trending Analysis.

Groundwater modeling will be required for the compliance report. Due to the technical nature of the deliverables, especially groundwater modeling and flow path determinations, staff would like to retain a consultant to help with the groundwater modeling and analysis. The District has a groundwater model that was last updated five or six years ago.

A "Request for Proposal" (RFP) for groundwater modeling and reporting services was mailed to consulting firms and posted on the District's web site. Two proposals were received. District staff and an outside party knowledgeable in geohydrology, Ted Johnson, WRD Chief Hydrologist, evaluated the proposals and ranked them based on a scoring system. The results are summarized in Exhibit "A". Staff recommends the District retain the services of CFEST, Inc. based on total cost, prior work with the Barrier project groundwater model, and agreement to all contract provisions.

FISCAL IMPACTS:

Funds are included in the Fiscal Year 2006-07 Recycled Water Budget.

ENVIRONMENTAL COMPLIANCE:

An annual summary report is required under the West Basin barrier permit issued by the Regional Water Quality Control Board.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on January 11, 2007 and was recommended for approval at the January 22, 2007 Board meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to enter into an agreement with CFEST, Inc. for \$76,000 plus 10/% for contingencies for a total amount not-to-exceed \$83,600 to provide groundwater modeling and reporting services in support of the annual Barrier compliance report.

LIST OF EXHIBITS:

Exhibit "A" – Summary of Proposals.