



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

AGENDA NO. 16

NOVEMBER 13, 2008 – Water Resources
 Smith (Chair), Little
NOVEMBER 24, 2008 – Board Meeting
 Prepared by: Christiana Daisy
 Submitted by: Wyatt Won
 Approved by: Rich Nagel

ACTION CALENDAR

**CONSULTING SERVICES FOR GROUNDWATER MODELING FOR
 THE WEST COAST BASIN BARRIER**

SUMMARY:

The Edward C. Little Water Recycling Facility Barrier permit requires an annual report using groundwater modeling to evaluate the migration of recycled water injected into the West Coast Basin Barrier Project. To facilitate a more thorough understanding of the Barrier, the model is currently being converted to an end-user friendly, industry-standard model through a 3-way cost-sharing agreement with the Water Replenishment District (WRD) and Los Angeles County Department of Public Works (LACDPW). The consultant, AMEC Geomatrix, is in the final stages of calibrating the model to the greatest extent possible within the constraints of the existing contract. Conversion from the previous model proved more difficult and time consuming than predicted.

A "Request for Proposal" (RFP) for groundwater modeling and reporting services was issued on September 10, 2008. The "Scope of Services" includes development of a model that simulates the actual conditions of the West Coast Basin Barrier Project and writing a detailed report that uses this groundwater modeling to evaluate the fate and transport of recycled water injected into the West Coast Barrier. Because the services requested under this RFP are for compliance with West Basin's Regional Board permit, West Basin will be the only agency paying for this effort.

Three (3) consulting firms submitted written proposals and were invited to a follow-up panel interview. The panel consisted of staff from West Basin, WRD and LACDPW who evaluated and ranked the proposals. The following table summarizes the results of the evaluation process. A detailed evaluation summary is included as Exhibit "A."

	Possible Points	CFEST (Irvine)	Geoscience (Claremont)	AMEC Geomatrix (Newport Beach)
Written Proposal and Interview (averaged score)	100	65	92	92
Local Business Bonus	3	0	0	0
Cost	-	\$99,304	\$50,197	\$54,202
Calibration Allowance		\$15,000	\$15,000	\$15,000
Total Cost		\$114,304	\$65,197	\$69,202

The panel recommends retaining the services of Geoscience and to include \$15,000 to cover potential refinements to the model and any unforeseen calibration issues.

STRATEGIC BUSINESS PLAN IMPLEMENTATION:

Goal 3, Water Quality – Provide high quality water that meets the needs of our customers.

COMMITMENT STATEMENT:

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

FISCAL IMPACTS:

Funds are included in the Fiscal Year 2008-09 Operations and Maintenance Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on November 13, 2008 and recommended for approval at the November 24, 2008 Board meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to execute an agreement with Geoscience for groundwater modeling services for the West Coast Basin Barrier in the amount of \$50,197 plus \$15,000 for calibration allowances, for a total not-to-exceed contract amount of \$65,197.

LIST OF EXHIBITS:

Exhibit "A" – Detail Evaluation Summary