

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

For the Agenda of: April 27, 2006

To: Board of Directors
Sacramento Metropolitan Air Quality Management District

From: Larry Greene, Air Pollution Control Officer

Subject: Contract Amendment with Sonoma Technology, Inc. (STI) to add Particulate Matter 2.5 (PM2.5) forecasting and supporting tasks

Recommendation

Staff recommends that the Board:

1. Approve the attached Resolution authorizing the Air Pollution Control Officer to sign a Contract Amendment with STI, in a form similar to the attached, on behalf of the Sacramento Metropolitan Air Quality Management District (SMAQMD);
2. Direct the Clerk of the Board to transmit fully executed documents to concerned parties.

Background

Under Resolution No. 2004-13, dated May 27, 2004, the Board of Directors authorized the Chairperson of the Board to sign a contract, on behalf of the SMAQMD with Sonoma Technology, Inc., for a Regional Spare The Air Program.

The tasks and services provided by STI allow the Communications Office to implement the Spare The Air program for the Sacramento region from May through October. The tasks include ozone forecasting, mapping, Air Alert operations, Web hosting and scientific consulting.

Purpose

The District is now preparing to conduct a year-round Spare The Air program. During the winter months, PM is the primary pollutant.

The purpose of this Contract Amendment is to add PM 2.5 forecasting and supporting tasks to the current STI contract. This will enable the Communications Office to implement a year-round Spare The Air campaign.

Sole Source Justification

STI was chosen to develop ozone forecasting algorithms and issue regional forecasts after competing successfully in the Districts' Request for Proposals (RFP) process in spring 1996. Since 1996, STI has become the industry leader in the area of ozone forecasting, including development of ozone forecasting equations for the Sacramento region and the development and implementation of ozone mapping and public notification technology.

The District's purchasing policy, adopted by this Board on June 6, 1996, authorizes the Air Pollution Control Officer (APCO) to waive the competitive bid process if prior experience and current research has shown that the desired services are only available from a sole source or if the cost of labor for preparing the document exceeds the possible savings that could be derived from such detailed documentation.

The APCO has waived the competitive bid process based upon STI's experience and qualifications and because STI is the only firm with the expertise, infrastructure and personnel to perform the many and diverse technical services required.

STI was selected by U.S. EPA to be the sole collector of air quality data, producer of ozone maps and PM plot maps and distributor of real-time information for the entire U.S. through EPA's AirNow Web site.

Scope of Services

With this Contract Amendment, STI will provide the following additional services from May 1 to December 31, 2006.

1. Set-up PM_{2.5} forecasting operations
2. Daily PM_{2.5} forecasts
3. Data collection to support PM_{2.5} forecasting and mapping
4. Web site hosting and maintenance
5. Air Alert Operations for PM_{2.5}
6. Forecasting tool development and enhancement
7. Scientific Consulting for PM_{2.5} issues

Compensation

STI will perform the above services through December 31, 2006 for \$60,000. Sufficient funds are available in the SMAQMD 2005/06 budget.

Below is a display of tasks to be performed and the cost associated with each task.

Task	Cost Estimate
Task 1 – PM_{2.5} Forecasting	
Task 1a – PM _{2.5} forecasting operations setup (one-time task)	\$10,000
Task 1b – Daily PM _{2.5} forecasting	\$16,250
Task 1c – Data collection to support PM _{2.5} forecasting and mapping	\$2,700
Task 2 – Web Site Hosting and Maintenance	\$2,250
Task 3 – Air Alert Operations	\$2,250
Task 4 – PM 2.5 Forecasting Tool Development and Enhancement	\$20,500
Miscellaneous Projects/Scientific Consulting	\$6,050
Base Forecasting Services Total	\$60,000

Respectfully submitted,

Reviewed by:

Larry Greene
Air Pollution Control Officer

Kathrine Pittard
District Counsel