

BOARD MEETING DATE: April 4, 2025

AGENDA NO. 3

PROPOSAL: Recognize Revenue, Appropriate Funds, Issue Solicitations and Purchase Orders for Air Monitoring Equipment

SYNOPSIS: South Coast AQMD is expected to receive up to \$783,141 from U.S. EPA for the FY 2025 (33rd Year) Photochemical Assessment Monitoring Stations (PAMS) Program. This action is to recognize revenue and appropriate funds for the PAMS Program in the Monitoring and Analysis' FY 2024-25 and/or FY 2025-26 Budgets, and issue solicitations and purchase orders for air monitoring equipment.

COMMITTEE: Administrative, March 14, 2025; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue and upon receipt of the U.S. EPA award, appropriate up to \$393,141 of the \$783,141 (\$390,000 was previously recognized into the FY 2024-25 Budget for Salaries & Employee Benefits) into the Monitoring and Analysis' FY 2024-25 and/or FY 2025-26 Budgets, Services and Supplies and Capital Outlays Major Object, as set forth in Attachment 1; and
2. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" or Solicitations as needed and based on the results of the solicitation issue purchase orders for the following items, as listed in Table 1.
 - a. One reactive nitrogen compounds (NO_y) analyzer not to exceed \$36,000; and
 - b. One air monitoring shelter not to exceed \$125,000.

Wayne Nastri
Executive Officer

Background

In February 1993, U.S. EPA promulgated the PAMS regulations for areas classified as serious, severe, or extreme nonattainment. These regulations require that South Coast AQMD conduct monitoring for ozone precursors with enhanced monitoring equipment at multiple sites. The PAMS Program also funds upper air and surface-based meteorological measurements at several locations. Since the onset of the PAMS Program, U.S. EPA has annually allocated Section 105 Grant funds in support of the monitoring requirement.

Proposal

The estimated U.S. EPA Section 105 Grant for the 33rd Year PAMS Program funding is \$783,141 based on the 32nd Year PAMS Program funding levels. This action is to recognize revenue, upon receipt, and appropriate estimated funds up to \$393,141 (with the remainder of \$390,000 already included in Salaries and Employee Benefits within the FY 2024-25 Budget) into the Services and Supplies and Capital Outlays Major Object in Monitoring and Analysis' FY 2024-25 and/or FY 2025-26 Budgets. The following provides a summary of the proposed purchases through solicitation.

NOy Analyzer

NOy analyzers used at South Coast AQMD's PAMS sites are more than 10 years old and are no longer supported by the manufacturer. The PAMS program requirements include hourly averaged NOy measurements. The estimated cost for one NOy analyzer is \$36,000, the purchase will be made by "Prior Bid, Last Price" or through a solicitation process, as needed followed by issuance of a purchase order as listed in Table 1.

Air Monitoring Shelter

U.S. EPA requires criteria pollutant measurements be made in a temperature-controlled environment to support compliance with NAAQS and emissions strategy development. An air monitoring shelter is essential for the relocation of the Palm Springs air monitoring site, which was previously housed within a city building. A dedicated shelter is required to ensure compliance with U.S. EPA's Quality Control temperature requirements, as the previous location struggled to maintain stable conditions under the extreme environmental conditions in the Coachella Valley. The new shelter will provide the necessary infrastructure to maintain data integrity and ensure accurate air quality measurements. The replacement is critical to meet U.S. EPA's data completeness requirement and provide air quality data to the public. The estimated cost for an air monitoring shelter is \$125,000, and the purchase will be made by "Prior Bid, Last Price" or through a solicitation process, as needed, followed by issuance of a purchase order as listed in Table 1.

Resource Impacts

U.S. EPA Section 105 Grant funding will support the operation of the PAMS Program including funding for Capital Outlays, Services and Supplies, and Salaries and Employee Benefits to meet the necessary objectives of the Program.

Table 1
**Proposed Purchases through an RFQ Process, “Prior Bid, Last Price”
or Solicitation Process**

Description	Qty	Estimated Amount	Funding Source	Contracting Method
NOy Analyzer	1	\$36,000	33rd Year PAMS	“Prior Bid, Last Price” or Solicitation
Air Monitoring Shelter	1	\$125,000	33rd Year PAMS	“Prior Bid, Last Price” or Solicitation
Total		\$161,000		

Attachment

Proposed 33rd Year PAMS Expenditures for FY 2024-25 and/or FY 2025-26

Attachment 1

Proposed 33rd Year PAMS Expenditures for FY 2024-25 and/or FY 2025-26

Account Description	Account Number	Program Code	Estimated* Expenditure
Services and Supplies Major Object:			
Professional and Special Services	67450	47530	\$60,000
Demurrage Expenses	67550	47530	21,141
Maintenance of Equipment	67600	47530	50,000
Travel	67800	47530	5,000
Communications	67900	47530	1,000
Laboratory Supplies	68050	47530	50,000
Office Expense	68100	47530	5,000
Small Tools, Instruments, Equipment	68300	47530	35,000
Training/Conf/Tuition/Board	69500	47530	5,000
Total Services and Supplies Major Object:			\$232,141
Capital Outlay Major Object:			
NOy Analyzer (1)	77000	47530	36,000
Air Monitoring Shelter (1)	77000	47530	125,000
Total Capital Outlay Major Object:			\$161,000
Total			\$393,141

*Expenditures may be appropriated to Services and Supplies or Capital Outlays Major Object, as warranted.