

BOARD MEETING DATE: September 2, 2022

AGENDA NO. 5

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

SYNOPSIS: South Coast AQMD is expected to receive grant funds up to \$272,052 for the NATTS Program and \$333,500 from the American Rescue Plan (ARP) from U.S. EPA. These actions are to recognize revenue and appropriate funds for the NATTS program and ARP grant and issue solicitations and purchase orders for air monitoring equipment.

COMMITTEE: Administrative, August 12, 2022; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue up to \$272,052 and appropriate funds up to \$95,291 from the U.S. EPA for the NATTS FY 2022-23 Program, upon receipt, into the Monitoring and Analysis FY 2022-23 Budget as detailed in Attachment 1;
2. Recognize revenue up to \$333,500 and appropriate funds from the U.S. EPA American Rescue Plan (ARP) grant, upon receipt, into the Monitoring and Analysis FY 2022-23 and/or FY 2023-24 Budget as detailed in Attachment 2; and
3. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" or "Sole Source" purchase orders, or solicitation(s), as needed, and based on results of the solicitation process, issue purchase orders for items listed in Table 1.

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Executive Officer

JCL:RMB:ld:eq

Background

NATTS Program

There are currently 188 hazardous air pollutants (HAPs) or air toxics regulated under the Clean Air Act that are associated with a wide variety of adverse health effects including cancer and neurological effects. The NATTS Program was developed to fulfill the need for long-term national HAP monitoring data. In 2007, U.S. EPA expanded the

NATTS Program and awarded Section 103 funds to conduct monitoring for toxic air contaminants at two existing monitoring sites, Central Los Angeles and Rubidoux. The air toxics data serves as a continuum between past and future air toxic measurement programs, such as MATES, and allows for more accurate evaluation of toxic trends on a regional basis.

American Rescue Plan (ARP)

On July 7, 2021, U.S. EPA announced that it will make \$50 million in ARP funding available to improve ambient air quality monitoring for communities across the United States. U.S. EPA prioritized using these funds to upgrade manual monitoring of PM_{2.5} to automated continuous monitoring, as this is expected to reduce the frequency of required field visits while allowing real time data to continue to be available to the public.

Proposal

NATTS Program (FY 2022-23)

U.S. EPA is expected to provide Section 103 Grant funding in an amount up to \$272,052 to continue the NATTS Program for the period from July 1, 2022 to June 30, 2023. Revenue for this grant in the amount of \$176,761 has already been included in the FY 2022-23 Budget. This action is to recognize, upon receipt, the remaining revenue up to \$95,291 and appropriate up to \$95,291 to the Monitoring and Analysis FY 2022-23 Budget, as set forth in Attachment 1. U.S. EPA concurs with staff's proposed allocation.

American Rescue Plan (FY 2022-23 and/or FY 2023-24)

U.S. EPA is expected to provide grant funding in an amount up to \$333,500 from the ARP. This action is to recognize, upon receipt, revenue up to \$333,500 and appropriate this revenue to the Monitoring and Analysis FY 2022-23 and/or FY 2023-24 Budget, and issue solicitations as set forth in Table 1 and Attachment 2. U.S. EPA concurs with staff's proposed allocation.

Proposed Purchase through Solicitation Process or 'Prior Bid, Last Price'

PM₁₀ Continuous FEM Monitors

The U.S. EPA ARP grant award includes funding for the purchase of up to five continuous PM₁₀ FEM monitors. The approximate cost for up to five PM₁₀ continuous FEM monitors is \$110,000 (see Table 1). The purchase will be made by "Prior Bid, Last Price" or through a solicitation process, as needed, followed by issuance of a purchase order(s).

Monitor Shelters

The U.S. EPA ARP Grant award includes funding for the purchase of up to three monitor shelters. The approximate cost for up to three monitor shelters is \$21,000 (see Table 1). The purchase will be made by “Prior Bid, Last Price” or through a solicitation process, as needed, followed by issuance of a purchase order(s).

Proposed Purchases through Sole Source Purchase Order

Met One PM2.5 Continuous FEM Monitors

The U.S. EPA ARP grant award includes funding for the purchase of up to nine Met One PM2.5 FEM monitors. The Met One PM2.5 FEM monitor is the only commercially available FEM monitor that would allow South Coast AQMD to satisfy the U.S. EPA collocation requirement, which specifies that new FEM monitors added to the network must use the same monitor as those that are already in operation within the network. The cost of the monitors will not exceed \$202,500 (see Table 1).

Sole Source Justification

Sole Source Justification Section VIII.B.3 of the South Coast AQMD’s Procurement Policy and Procedure identifies four major provisions under which a sole source award funded in whole or in part with federal funds, may be justified. Specifically, this request for sole source award is made under provision VIII.B.3.a. the item is available only from a single source. The Met One Inc. PM2.5 FEM Monitor is the only manufacturer of a real-time, continuous PM2.5 mass monitor that employs a unique “in-situ” sampling technique that would allow South Coast AQMD to satisfy U.S. EPA collocation requirements.

Resource Impacts

U.S. EPA Section 103 Grant funding will support the continuation of the NATTS monitoring program, including equipment, contracts and supplies necessary to meet the objectives of the NATTS Program.

U.S. EPA ARP Grant funding will support the purchase of equipment to meet the objectives of the ARP.

Table 1
FY 2022-23 Adopted Budget Capital Outlays Major Object

Description	Qty	Funding Source	Contracting Method	Estimated Amount
PM10 Continuous FEM Monitors (Up to 5)	Up to 5	ARP FY 2022-23 and/or FY 2023-24	‘Prior Bid, Last Price’ or Solicitation	\$110,000
Monitor Shelters (Up to 3)	Up to 3	ARP FY 2022-23 and/or FY 2023-24	‘Prior Bid, Last Price’ or Solicitation	\$21,000
Met One PM2.5 Continuous FEM Monitors (Up to 9)	Up to 9	ARP FY 2022-23 and/or FY 2023-24	Sole Source	\$202,500
Total				\$333,500

Attachments

1. Proposed NATTS FY 2022-23 Grant Expenditures (FY 2022-23 Appropriations)
2. Proposed American Rescue Plan Grant Expenditures (FY 2022-23 and/or 2023-24 Appropriations)

Attachment 1
Proposed NATTS FY 2022-23 Grant Expenditures
(FY 2022-23 Appropriations)

Account Description	Account Number	Program Code	Estimated Expenditures
Services & Supplies Major Object:			
Professional and Specialized Services	67450	47468	\$10,000
Travel	67800	47468	\$6,000
Maintenance of Equipment	67600	47468	\$18,291
Laboratory Supplies	68050	47468	\$50,000
Office Expenses	68100	47468	\$1,000
Small Tools, Instruments, Equipment	68300	47468	\$10,000
Total Services & Supplies:			\$95,291
Total Appropriations			\$95,291

Note: Salaries, Benefits and Indirect Costs are included in the FY 2022-23 Budget.

Attachment 2
Proposed American Rescue Plan Grant Expenditures
(FY 2022-23 and/or 2023-24 Appropriations)

Account Description	Account Number	Program Code	Estimated Expenditures
Capital Outlays Major Object:			
PM10 Continuous FEM Monitors (up to 5)	77000	47241	\$110,000
Monitor Shelters (up to 3)	77000	47241	\$21,000
Met One PM2.5 Continuous FEM Monitors (up to 9)	77000	47241	\$202,500
Total Capital Outlays:			\$333,500
Total Appropriations			\$333,500