

BOARD MEETING DATE: September 1, 2023

AGENDA NO. 7

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

SYNOPSIS: South Coast AQMD is expected to receive a Federal grant award up to \$655,042 from U.S. EPA under the Inflation Reduction Act. These actions are to: 1) recognize revenue and appropriate these funds into the Monitoring and Analysis and Compliance and Enforcement Divisions' FY 2023-24 and/or 2024-25 Budgets; and 2) issue solicitations and purchase orders for air monitoring equipment.

COMMITTEE: Administrative, August 11, 2023; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue up to \$655,042 upon receipt from U.S. EPA and appropriate the funds into the Monitoring and Analysis and Compliance and Enforcement Divisions' FY 2023-24 and/or 2024-25 Budgets as detailed in the Attachment; and
2. 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 issue solicitations(s) as needed and based on results of the solicitation process issue purchase orders for items listed in Table 1.

Wayne Natri
Executive Officer

JCL:AP:RMB:ld:ev

Background

Inflation Reduction Act (IRA)

On August 16, 2022, Congress passed the Inflation Reduction Act (IRA), providing support for U.S. EPA to fund state and local government air pollution control agency air monitoring network upgrades through a noncompetitive grant process. This funding supports activities under the Clean Air Act Section 103 activities. The Clean Air Act was designed by Congress to protect public health and welfare from different types of air pollution caused by a diverse array of pollution sources. U.S. EPA has notified staff that South Coast AQMD will receive grant funding under the IRA of up to \$655,042.

Proposal

Inflation Reduction Act (FY 2023-24 and/or 2024-25)

This action is to recognize revenue upon receipt and appropriate up to \$655,042 from the U.S. EPA into the Monitoring and Analysis (47) and Compliance and Enforcement (60) Divisions' FY 2023-24 and/or FY 2024-25 Budgets according to Table 1.

Proposed Purchases through "Prior Bid, Last Price" or Solicitation Process

Monitor Shelters

The U.S. EPA IRA grant is expected to include funding for the purchase of up to two air monitoring shelters. U.S. EPA requires criteria pollutant measurements be made in a temperature-controlled environment to support compliance with Ambient Air Quality Standards (NAAQS) and emissions strategy development. Air monitoring shelters are needed for the relocated Azusa and Indio air monitoring sites. Decommissioned shelters date back to the 1970s and were originally the property of CARB. The decommissioned trailers leak and because of their age cannot maintain U.S. EPA Quality Control (QC) temperature control requirements. Replacement is critical to meeting the data completeness requirement and providing air quality data to the public. The estimated cost for up to two monitor shelters is \$290,042 (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.

Gas Diluters with Photometer

The U.S. EPA IRA grant is expected to include funding for the purchase of up to four gas diluters with photometers. South Coast AQMD operates 27 ozone and nitrogen dioxide sites in support of the criteria pollutant monitoring network. Periodic Quality Assurance (QA) audits of gas monitors are required to meet U.S. EPA quality assurance criteria. Gas diluters are necessary to provide a known concentration of a gas standard required for the QA audit of air monitoring equipment. The current gas diluters are greater than ten years old and no longer meet U.S. EPA QC requirements. The replacement gas diluters meet U.S. EPA requirements as outlined in the most recent ozone Technical Assistance Document. The approximate cost for up to four gas diluters is \$105,000 (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.

Proposed Purchases through Sole Source Purchase Order

Teledyne FLIR Cameras

The U.S. EPA IRA grant is expected to include funding for the purchase of up to two Teledyne FLIR cameras. The FLIR camera is a special tool routinely used in the field by staff to identify VOC leaks at oil refineries, oil field production operations for Rule 1142 (marine vessels), Rule 1173 (leaking components), Rule 1176 (drain system components), Rule 1178 (storage tanks at petroleum facilities) and Rule 463 (storage tanks). Further these units are used within historically underrepresented communities. The total cost for up to two cameras will not exceed \$260,000 (see Table 1).

Sole Source Justification

Sole Source Justification Section VIII.B.3 of 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 Teledyne FLIR camera is the only model available certified for use in hazardous locations which will allow South Coast AQMD staff to work safely in hazardous areas.

Resource Impacts

U.S. EPA IRA grant funding will support the purchase of equipment to meet the objectives of the program.

Table 1
FY 2023-24 and/or FY 2024-25 IRA Capital Outlays Major Object

Description	Unit	Qty	Estimated Amount	Contracting Method
Air Monitoring Shelters	Monitoring and Analysis Division	Up to 2	\$290,042	“Prior Bid, Last Price” or Solicitation Process
Gas Diluters with Photometer	Monitoring and Analysis Division	Up to 4	\$105,000	“Prior Bid, Last Price” or Solicitation Process
FLIR Cameras	Compliance and Enforcement Division	Up to 2	\$260,000	Sole Source
Total			\$655,042	

Attachment

Proposed IRA Expenditures for FY 2023-24 and/or FY 2024-25

Attachment
Proposed IRA Expenditures for FY 2023-24 and/or FY 2024-25

Account Description	Org Unit	Account Number	Program Code	Estimated Expenditure
Capital Outlay Major Object:				
Air Monitoring Shelters (Up to 2)	Monitoring and Analysis	77000	47242	\$290,042
Gas Diluters with Photometer (Up to 4)	Monitoring and Analysis	77000	47242	\$105,000
Teledyne FLIR Camera (Up to 2)	Compliance and Enforcement	77000	60242	\$260,000
Total Capital Outlay Major Object:				\$655,042