




Interoffice Memorandum

December 1, 2023

TO: Mayor Jerry L. Demings
—AND—
County Commissioners

FROM: Andres Salcedo, P.E., Acting Director
Planning, Environmental, and Development
Services Department 

**CONTACT PERSON: Renée H. Parker, LEP, Manager
Environmental Protection Division
(407) 836-1402**

SUBJECT: January 9, 2024 – Consent Item
U.S. Environmental Protection Agency - Grant No. 5A-02D51023-0

The Environmental Protection Division (EPD) has received Grant No. 5A-02D51023-0 from the U.S. Environmental Protection Agency (EPA) to support the ongoing collection of data relating to ambient air concentrations of fine particulate matter and to support County compliance with National Ambient Air Quality Standards (NAAQS).

This grant is funded under the Inflation Reduction Act with the purpose to enhance monitoring of Particulate Matter 2.5 (PM2.5) or other NAAQS pollutants in and near communities with environmental justice concerns who face disproportionate exposure to these pollutants and health risks, and other communities. EPD will purchase new PM2.5 monitoring equipment to upgrade aging equipment in underserved communities.

The size of particles in ambient air is directly linked to their potential for causing health problems. Particles less than 2.5 microns in size pose the greatest risk because they can penetrate deeply into the lungs and cause a variety of health problems affecting the lungs and heart. This new grant award provides funding to support EPD's continued monitoring of concentrations of fine particulate matter for comparison to health-based standards established by EPA. This grant will coincide with the Specific Operating Agreement (SOA) between the Florida Department of Environmental Protection and the Board, which was approved by the Board on February 23, 2021. The SOA defines the scope of services that EPD will provide as a designated local air program.

The total award amount authorized for this grant is \$46,450 with a project period from August 1, 2023 through July 31, 2024 for the purchase and installation of the PM2.5 monitoring equipment. The current award amount for this grant is \$41,450 and the remaining \$5,000 will be funded in a later award. EPA agrees to a cost share of 100% of all approved budget period costs incurred up to and not exceeding \$46,450. No match is required. The total project period cost amount of \$46,450 is expected to cover the majority

of the purchase cost of the new monitoring equipment. If additional funding is required to complete the project, EPD could use funding from tag fee revenues (Fund 1010) to complete the project. Use of Fund 1010 for the project could count as part of the County's required match for the EPA 105 grant, which is provided to air pollution control agencies by EPA to support implementation of the Clean Air Act. Funding from existing federal and state grants as well as Fund 1010 will support the operation and maintenance of the monitoring equipment.

It is also requested that the EPD Manager be granted authorization to make non-substantial amendments to the agreement, including additional service periods.

As indicated in the Notice of Award, a representative from Orange County is not required to sign the agreement. The County's commitment to carry out this award is demonstrated by either drawing down the funds or not filing a notice of disagreement with the award terms and conditions within stipulated timeframes.

Cooperative Agreement, Grant No. 5A-02D51023-0 was reviewed and approved as to form by the County Attorney's Office.

ACTION REQUESTED: Approval of U.S. Environmental Protection Agency Grant Agreement Grant Number (FAIN): 5A-02D51023-0 between the U.S. Environmental Protection Agency and Orange County with an authorized award amount of \$46,450 with an initial award amount of \$41,450 subject to availability of funds from the U.S. Environmental Protection Agency, relating to support of ambient air monitoring for fine particulate matter, and authorization for the Environmental Protection Division Manager to make non-substantial amendments to the agreement, including additional service periods. The grant period is from August 1, 2023 through July 31, 2024. All Districts

AS/RHP:js

Attachment

	U.S. ENVIRONMENTAL PROTECTION AGENCY Grant Agreement		GRANT NUMBER (FAIN): 02D51023 MODIFICATION NUMBER: 0 PROGRAM CODE: 5A	DATE OF AWARD 10/04/2023
			TYPE OF ACTION New	MAILING DATE 10/10/2023
			PAYMENT METHOD: ASAP	ACH# 40567
RECIPIENT TYPE: County			Send Payment Request to: Contact EPA RTPFC at: rtpfc-grants@epa.gov	
RECIPIENT: Orange County Utilities Department 9150 Curry Ford Road Suite 400 Orlando, FL 32825 EIN: 59-6000773			PAYEE: Orange County PO BOX 38, 201 South Rosalind Avenue Orlando, FL 32801-3527	
PROJECT MANAGER		EPA PROJECT OFFICER		EPA GRANT SPECIALIST
Regina Gilliland 3165 McCrory Place Suite 200 Orlando, FL 32803 Email: regina.gilliland@ocfl.net Phone: 407-836-1484		Maya Odeh-Adimah 61 Forsyth Street SW Atlanta, GA 30303-8960 Email: OdehAdimah.Maya@epa.gov Phone: 404-562-8415		Latoria Davis Grants Management Section 61 Forsyth Street SW Atlanta, GA 30303-8960 Email: Davis.Latoria@epa.gov Phone: 404-562-9782
PROJECT TITLE AND DESCRIPTION Clean Air Act Grants under IRA This action approves funding in the amount of \$41,450 to Orange County Florida, under the Inflation Reduction Act (IRA). The purpose of this grant is to enhance monitoring of Particulate Matter 2.5 or other National Ambient Air Quality Standard (NAAQS) pollutants in and near communities with environmental justice concerns who face disproportionate exposure to these pollutants and health risks and other communities. The activities include Operation of PM2.5 or other NAAQS pollutants air monitoring in accordance with all EPA requirements leading to collection of quality assured ambient air quality data to help ensure that more Americans are living and working in areas that meet high air quality standards. The anticipated deliverables and outcomes include reporting of expenditures of IRA funds and status of setting up and installing of equipment to begin use of actual equipment as part air monitoring network sites for enhancing ambient air monitoring activities of PM2.5 or other NAAQS pollutants consistent with stated goals and objectives for the use of Inflation Reduction Act funding. The intended beneficiaries include the residence of Orange County, Florida. No subawards are included in this assistance agreement.				
BUDGET PERIOD 08/01/2023 - 07/31/2024	PROJECT PERIOD 08/01/2023 - 07/31/2024	TOTAL BUDGET PERIOD COST \$46,450.00	TOTAL PROJECT PERIOD COST \$46,450.00	
NOTICE OF AWARD Based on your Application dated 04/14/2023 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$41,450.00. EPA agrees to cost-share 100.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$41,450.00. Recipient's signature is not required on this agreement. The recipient demonstrates its commitment to carry out this award by either: 1) drawing down funds within 21 days after the EPA award or amendment mailing date; or 2) not filing a notice of disagreement with the award terms and conditions within 21 days after the EPA award or amendment mailing date. If the recipient disagrees with the terms and conditions specified in this award, the authorized representative of the recipient must furnish a notice of disagreement to the EPA Award Official within 21 days after the EPA award or amendment mailing date. In case of disagreement, and until the disagreement is resolved, the recipient should not draw down on the funds provided by this award/amendment, and any costs incurred by the recipient are at its own risk. This agreement is subject to applicable EPA regulatory and statutory provisions, all terms and conditions of this agreement and any attachments.				
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)			AWARD APPROVAL OFFICE	
ORGANIZATION / ADDRESS			ORGANIZATION / ADDRESS	
U.S. EPA, Region 4 61 Forsyth Street Atlanta, GA 30303-8960			U.S. EPA, Region 4, Air and Radiation Division R4 - Region 4 61 Forsyth Street SW Atlanta, GA 30303-8960	
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY				
Digital signature applied by EPA Award Official Shantel Shelmon - Grants Management Officer				DATE 10/04/2023

Budget Summary Page

Table A - Object Class Category (Non-Construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$0
2. Fringe Benefits	\$0
3. Travel	\$0
4. Equipment	\$46,450
5. Supplies	\$0
6. Contractual	\$0
7. Construction	\$0
8. Other	\$0
9. Total Direct Charges	\$46,450
10. Indirect Costs: 0.00 % Base N/A	\$0
11. Total (Share: Recipient 0.00 % Federal 100.00 %)	\$46,450
12. Total Approved Assistance Amount	\$46,450
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$41,450
15. Total EPA Amount Awarded To Date	\$41,450

Administrative Conditions

General Terms and Conditions

General Terms and Conditions

The recipient agrees to comply with the current EPA general terms and conditions available at: <https://www.epa.gov/grants/epa-general-terms-and-conditions-effective-october-1-2023-or-later>

These terms and conditions are in addition to the assurances and certifications made as a part of the award and the terms, conditions, or restrictions cited throughout the award.

The EPA repository for the general terms and conditions by year can be found at: <https://www.epa.gov/grants/grant-terms-and-conditions#general>.

A. Correspondence Condition

The terms and conditions of this agreement require the submittal of reports, specific requests for approval, or notifications to EPA. Unless otherwise noted, all such correspondence should be sent to the following email addresses:

- Federal Financial Reports (SF-425): rtfrc-grants@epa.gov and Latoria Davis-Reed, Davis.Latoria@epa.gov, 404-562-9782
- MBE/WBE reports (EPA Form 5700-52A): Latoria Davis-Reed, Davis.Latoria@epa.gov, 404-562-9782
- All other forms/certifications/assurances, Indirect Cost Rate Agreements, Requests for Extensions of the Budget and Project Period, Amendment Requests, Requests for other Prior Approvals, updates to recipient information (including email addresses, changes in contact information or changes in authorized representatives) and other notifications: Maya Odeh-Adimah, OdehAdimah.Maya@epa.gov, 404-562-8415
- Payment requests (if applicable): Maya Odeh-Adimah, OdehAdimah.Maya@epa.gov, 404-562-8415
- Quality Assurance documents, workplan revisions, equipment lists, programmatic reports and deliverables: Maya Odeh-Adimah, OdehAdimah.Maya@epa.gov, 404-562-8415

Programmatic Conditions

A. PERFORMANCE REPORTING AND FINAL PERFORMANCE REPORT

Performance Reports – Content

In accordance with 2 CFR 200.329, the recipient agrees to submit performance reports that include brief information on each of the following areas: 1) A comparison of actual accomplishments to the outputs/outcomes established in the assistance agreement work plan for the period; 2) The reasons why established outputs/outcomes were not met; and 3)

Additional pertinent information, including, when appropriate, analysis and explanation of cost overruns or high-unit costs.

Additionally, the recipient agrees to inform EPA as soon as problems, delays, or adverse conditions which will materially impair the ability to meet the outputs/outcomes specified in the assistance agreement work plan are known.

(See Grants Policy Issuance 11-03 State Grant Workplans and Progress Reports for more information)

Performance Reports - Frequency

The recipient agrees to submit **semi-annual** performance reports electronically to the EPA Project Officer within 30 days after the reporting periods end (every six-month period). The reporting periods are **April 1-September 30; October 1-March 31**.

The recipient must submit the final performance report no later than 120 calendar days after the end date of the period of performance.

B. Cybersecurity Condition

Cybersecurity Grant Condition for Other Recipients, Including Intertribal Consortia

(a) The recipient agrees that when collecting and managing environmental data under this assistance agreement, it will protect the data by following all applicable State or Tribal law cybersecurity requirements.

(b) (1) EPA must ensure that any connections between the recipient's network or information system and EPA networks used by the recipient to transfer data under this agreement, are secure. For purposes of this Section, a connection is defined as a dedicated persistent interface between an Agency IT system and an external IT system for the purpose of transferring information. Transitory, user-controlled connections such as website browsing are excluded from this definition.

If the recipient's connections as defined above do not go through the Environmental Information Exchange Network or EPA's Central Data Exchange, the recipient agrees to contact the EPA Project Officer (PO) no later than 90 days after the date of this award and work with the designated Regional/Headquarters Information Security Officer to ensure that the connections meet EPA security requirements, including entering into Interconnection Service Agreements as appropriate. This condition does not apply to manual entry of data by the recipient into systems operated and used by EPA's regulatory programs for the submission of reporting and/or compliance data.

(2) The recipient agrees that any subawards it makes under this agreement will require the subrecipient to comply with the requirements in (b)(1) if the subrecipient's network or information system is connected to EPA networks to transfer data to the Agency using systems other than the Environmental Information Exchange Network or EPA's Central Data Exchange. The recipient will be in compliance with this condition: by including this requirement in subaward agreements; and during subrecipient monitoring deemed necessary by the recipient under 2 CFR 200.332(d), by inquiring whether the subrecipient has contacted the EPA Project Officer. Nothing in this condition requires the recipient to contact the EPA Project Officer on behalf of a subrecipient or to be involved in the negotiation of an Interconnection Service Agreement between the subrecipient and EPA.

C. Geospatial Data Standards

All geospatial data created must be consistent with Federal Geographic Data Committee (FGDC) endorsed standards. Information on these standards may be found at <https://www.fgdc.gov/>.

D. Quality Assurance

Authority: Quality Assurance applies to all assistance agreements involving environmental information as defined in 2 C.F.R. § 1500.12 Quality Assurance.

The recipient shall ensure that subawards involving environmental information issued under this agreement include appropriate quality requirements for the work. The recipient shall ensure sub-award recipients develop and implement the Quality Assurance (QA) planning documents in accordance with this term and condition; and/or ensure sub-award recipients implement all applicable approved QA planning documents.

1. Quality Management Plan (QMP)

a. Prior to beginning environmental information operations, the recipient must:

i. Submit a previously EPA-approved and current QMP,

ii. The EPA Quality Assurance Manager or designee (hereafter referred to as QAM) will notify the recipient and EPA Project Officer (PO) in writing if the QMP is acceptable for this agreement.

b. The recipient must submit the QMP within 90 days after grant award, and/or no more than 90 days after grant award.

c. The recipient must review their approved QMP at least annually. These documented reviews shall be made available to the sponsoring EPA organization if requested. When necessary, the recipient shall revise its QMP to incorporate minor changes and notify the EPA PO and QAM of the changes. If significant changes have been made to the Quality Program that affect the performance of environmental information operations, it may be necessary to re-submit the entire QMP for re-approval. In general, a copy of any QMP revision(s) made during the year should be submitted to the EPA PO and QAM in writing when such changes occur. Conditions requiring the revision and resubmittal of an approved QMP can be found in section 6 of EPA's Quality Management Plan (QMP) Standard.

2. Quality Assurance Project Plan (QAPP)

a. Prior to beginning environmental information operations, the recipient must:

i. Submit a previously EPA-approved QAPP proposed to ensure the collected, produced, evaluated, or used environmental information is of known and documented quality for the intended use(s).

ii. The EPA Quality Assurance Manager or designee (hereafter referred to as QAM) will notify the recipient and EPA Project Officer (PO) in writing if the previously EPA-approved QAPP is acceptable for this agreement.

c. The recipient shall notify the PO and QAM when substantive changes are needed to the QAPP. EPA may require the QAPP be updated and re-submitted for approval.

d. The recipient must review their approved QAPP at least annually. The results of the QAPP review and any revisions must be submitted to the PO and the QAM at least annually and may also be submitted when changes occur.

For Reference:

- Quality Management Plan (QMP) Standard and EPA QA/R-5: EPA Requirements for Quality Assurance Project Plans; contain quality specifications for EPA and non-EPA organizations and definitions applicable to these terms and conditions.

- EPA QA/G-5: Guidance for Quality Assurance Project Plans, Appendix C provides a QAPP Checklist.

- (QAM and/or PO may insert QA references that inform or assist the recipient here).

- EPA's Quality Program website has a list of QA managers, and Non-EPA Organizations Quality Specifications.
- The Office of Grants and Debarment Implementation of Quality Assurance Requirements for Organizations Receiving EPA Financial Assistance.

E. Use of Logos

If the EPA logo is appearing along with logos from other participating entities on websites, outreach materials, or reports, it must **not** be prominently displayed to imply that any of the recipient or subrecipient's activities are being conducted by the EPA. Instead, the EPA logo should be accompanied with a statement indicating that the Jefferson County Health Department received financial support from the EPA under an Assistance Agreement. More information is available at: <https://www.epa.gov/stylebook/using-epa-seal-and-logo#policy>