

 <p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY</p> <p align="center">Grant Agreement</p>	GRANT NUMBER (FAIN): 03D13624 MODIFICATION NUMBER: 0 PROGRAM CODE: 5U	DATE OF AWARD 08/07/2024
	TYPE OF ACTION New	MAILING DATE 08/12/2024
	PAYMENT METHOD: ASAP	ACH# 40148
	RECIPIENT TYPE: Municipal	
RECIPIENT: CITY OF JACKSONVILLE, FLORIDA 117 W DUVAL ST JACKSONVILLE, FL 32202-3700 EIN: 59-6000344		PAYEE: CITY OF JACKSONVILLE, FLORIDA 117 West Duval Street Suite 225 Jacksonville, FL 32202
PROJECT MANAGER Michael Williams 214 N. Hogan Street 5th Floor JACKSONVILLE, FL 32202 Email: mcwilliams@coj.net Phone: 904-255-7120	EPA PROJECT OFFICER Katherine Meiser 61 Forsyth Street, SW Atlanta, GA 30303 Email: Meiser.Katherine@epa.gov Phone: 404-562-0000	EPA GRANT SPECIALIST Cheneta Austin-Yates Grants Management Section 61 Forsyth Street, SW Atlanta, GA 30303 Email: AustinYates.Cheneta@epa.gov Phone: 404-562-8068
PROJECT TITLE AND DESCRIPTION Air Quality Sensors in Low-Income and Disadvantaged Communities - IRA See Attachment 1 for project description.		
BUDGET PERIOD 10/01/2024 - 12/31/2027	PROJECT PERIOD 10/01/2024 - 12/31/2027	TOTAL BUDGET PERIOD COST \$ 83,000.00
		TOTAL PROJECT PERIOD COST \$ 83,000.00
<h3>NOTICE OF AWARD</h3> <p>Based on your Application dated 04/04/2024 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$ 83,000.00. EPA agrees to cost-share 100.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$ 83,000.00. 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.</p>		
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)		AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS U.S. EPA, Region 4 61 Forsyth Street Atlanta, GA 30303-8960		ORGANIZATION / ADDRESS U.S. EPA, Region 4, Air and Radiation Division R4 - Region 4 61 Forsyth Street, SW Atlanta, GA 30303
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 08/07/2024

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 0	\$ 83,000	\$ 83,000
EPA In-Kind Amount	\$ 0	\$ 0	\$ 0
Unexpended Prior Year Balance	\$ 0	\$ 0	\$ 0
Other Federal Funds	\$ 0	\$ 0	\$ 0
Recipient Contribution	\$ 0	\$ 0	\$ 0
State Contribution	\$ 0	\$ 0	\$ 0
Local Contribution	\$ 0	\$ 0	\$ 0
Other Contribution	\$ 0	\$ 0	\$ 0
Allowable Project Cost	\$ 0	\$ 83,000	\$ 83,000

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.034 - Surveys-Studies-Investigations-Demonstrations and Special Purpose Activities relating to the Clean Air Act	Inflation Reduction Act: Sec. 60105c Clean Air Act: Sec. 103	2 CFR 200, 2 CFR 1500 and 40 CFR 33

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	2404VW4074	2231	E1SFX	04V2	000AMTXM3	4183	-	-	\$ 83,000
									\$ 83,000

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	\$ 0
5. Supplies	\$ 0
6. Contractual	\$ 0
7. Construction	\$ 0
8. Other	\$ 83,000
9. Total Direct Charges	\$ 83,000
10. Indirect Costs: 0.00 % Base	\$ 0
11. Total (Share: Recipient 0.00 % Federal 100.00 %)	\$ 83,000
12. Total Approved Assistance Amount	\$ 83,000
13. Program Income	\$ 0
14. Total EPA Amount Awarded This Action	\$ 83,000
15. Total EPA Amount Awarded To Date	\$ 83,000

Attachment 1 - Project Description

This action approves an award in the amount of \$83,000.00 to the City of Jacksonville under the Inflation Reduction Act (IRA) to install PM2.5, NO2, and black carbon air sensors. The recipient will lease and install air quality sensors in low income/disadvantaged communities for a period of two years. The activities include leasing Clarity air sensors, which will be deployed in low income and disadvantaged communities in the Jacksonville area. The sensors will be deployed for 2 years and will report real time data to the community via a public website. The anticipated deliverables include:

Deployment of air quality sensors in/near low-income or disadvantaged communities;

Near real-time air quality data availability for low-income or disadvantaged communities;

Development of trainings and outreach materials;

Assessments of community-based air quality concerns;

Development of quality assurance/quality control documentation to guide air quality sensor usage.

The expected outcomes include:

Number of staff, community groups, etc. trained to use air quality sensors and/or associated data;

Increased community awareness and education;

Increased access to information so that community members can understand air quality in their community;

Informed policy and decision making by local/state agencies;

Increased number of citizens with access to local scale air quality data;

Increased number sensors deployed in low-income and disadvantaged communities;

Identification of communities experiencing air quality issues where data was previously unavailable.

The intended beneficiaries include citizens in low income and disadvantaged communities in the Jacksonville area. No subawards are included in this assistance agreement.

Administrative 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): rtpfc-grants@epa.gov and Cheneta Austin-Yates/Grants Management Specialist at Austinyates.Cheneta@epa.gov or 404-562-8068
- MBE/WBE reports (EPA Form 5700-52A): Cheneta Austin-Yates/Grants Management Specialist at Austinyates.Cheneta@epa.gov or 404-562-8068
- 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: Katherine Meiser/Project Officer at Meiser.Katherine@epa.gov or 404-562-9430.
- Payment requests (if applicable): Katherine Meiser/Project Officer at Meiser.Katherine@epa.gov or 404-562-9430
- Quality Assurance documents, workplan revisions, equipment lists, programmatic reports and deliverables: Katherine Meiser/Project Officer at Meiser.Katherine@epa.gov or 404-562-9430

B. Budget Detail

Within 30 days of receipt of this agreement, the grantee shall submit to the EPA, additional budget support information to support costs proposed in the application for this agreement. Costs incurred cannot be charged to this agreement until the budget support information is submitted and approved by EPA.

Programmatic Conditions

Grant Specific Programmatic Terms and 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.

Interim performance and final progress reports must prominently display the three Essential Elements for state work plans: 1) Strategic Plan Goal; (2) Strategic Plan Objective; and (3) Workplan Commitments plus time frame.

(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 annual reporting period ends on 12/1/24, 6/30/24. The recipient must submit the final performance report no later than 120 calendar days after the end date of the period of performance.

1. If **quarterly or semi-annual** performance reports are required, they are to be submitted electronically to the EPA Project Officer within 30 days after the reporting period (every three- or six-month period). The reporting periods are 12/1/24, 6/30/24.

B. Cybersecurity Condition

State Grant Cybersecurity

(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 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) 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. Data Reporting

Data and/or related observations must be shared publicly and in a practicable amount of time throughout the lifetime of the project and not only after the project is at or near completion.

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 a Quality Assurance (QA) planning document 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 120 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.
- b. The recipient must submit the QAPP 90 days after grant award, and/or no more than 120 days after grant award.
- 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's Quality Assurance Project Plan (QAPP) Standard; 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.
- (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 [Insert Recipient or subrecipient NAME] 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>

F. Competency Policy

Competency of Organizations Generating Environmental Measurement Data

In accordance with Agency Policy Directive Number FEM-2012-02, Policy to Assure the Competency of Organizations Generating Environmental Measurement Data under Agency-Funded Assistance Agreements, Recipient agrees, by entering into this agreement, that it has demonstrated competency prior to award, or alternatively, where a pre-award demonstration of competency is not practicable, Recipient agrees to demonstrate competency prior to carrying out any activities under the award involving the generation or use of environmental data. Recipient shall maintain competency for the duration of the project period of this agreement and this will be documented during the annual reporting process. A copy of the Policy is available online at <https://www.epa.gov/sites/production/files/2015-03/documents/competency-policy-aaianew.pdf> or a copy may also be requested by contacting the EPA Project Officer for this award.

G. Public or Media Events

The Recipient agrees to notify the EPA Project Officer listed in this award document of public or media events publicizing the accomplishment of significant events related to construction projects as a result of this agreement, and provide the opportunity for attendance and participation by federal representatives with at least ten (10) working days' notice.

H. 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/>.