

 <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b></p> <p align="center"><b>Grant Agreement</b></p>	<b>GRANT NUMBER (FAIN):</b> 02D51223 <b>MODIFICATION NUMBER:</b> 0 <b>PROGRAM CODE:</b> 5A	<b>DATE OF AWARD</b> 06/30/2023
	<b>TYPE OF ACTION</b> New	<b>MAILING DATE</b> 07/06/2023
	<b>PAYMENT METHOD:</b> ASAP	<b>ACH#</b> 40148
	<b>RECIPIENT TYPE:</b> Municipal	
<b>RECIPIENT:</b> City of Jacksonville 117 West Duval Street Suite 225 Jacksonville, FL 32202 EIN: 59-6000344		<b>PAYEE:</b> City of Jacksonville 117 West Duval Street Jacksonville, FL 32202
<b>PROJECT MANAGER</b> Michael Williams 214 N. Hogan Street, 5th Floor Jacksonville, FL 32202 Email: mcwilliams@coj.net Phone: 904-255-7120	<b>EPA PROJECT OFFICER</b> Angela Stampley 61 Forsyth St., S.W. Atlanta, GA 30303-8960 Email: stampley.angela@epa.gov Phone: 404-562-9092	<b>EPA GRANT SPECIALIST</b> Latoria Davis Grants Management Section 61 Forsyth Street SW Atlanta, GA 30303-8960 Email: Davis.Latoria@epa.gov Phone: 404-562-9782
<b>PROJECT TITLE AND DESCRIPTION</b> <u>Clean Air Act Grants under IRA</u> See Attachment 1 for project description.		
<b>BUDGET PERIOD</b> 08/01/2023 - 09/30/2024	<b>PROJECT PERIOD</b> 08/01/2023 - 09/30/2024	<b>TOTAL BUDGET PERIOD COST</b> \$67,340.00
<b>TOTAL PROJECT PERIOD COST</b> \$67,340.00		
<p align="center"><b>NOTICE OF AWARD</b></p> <p>Based on your Application dated 04/21/2023 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$67,340.00. EPA agrees to cost-share 100.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$67,340.00. 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>		
<b>ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)</b>		<b>AWARD APPROVAL OFFICE</b>
<b>ORGANIZATION / ADDRESS</b> U.S. EPA, Region 4 61 Forsyth Street Atlanta, GA 30303-8960		<b>ORGANIZATION / ADDRESS</b> U.S. EPA, Region 4, Air and Radiation Division R4 - Region 4 61 Forsyth Street SW Atlanta, GA 30303-8960
<p align="center"><b>THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY</b></p>		
Digital signature applied by EPA Award Official Shantel Shelmon - Grants Management Officer		<b>DATE</b> 06/30/2023

## EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$0	\$67,340	\$67,340
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	\$67,340	\$67,340

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.034 - Surveys-Studies-Investigations-Demonstrations and Special Purpose Activities relating to the Clean Air Act	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
-	2304VW3097	2231	E1SFX	04V2	000A04XM6	4183	-	-	\$67,340
									\$67,340

## 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	\$67,340
5. Supplies	\$0
6. Contractual	\$0
7. Construction	\$0
8. Other	\$0
9. Total Direct Charges	\$67,340
10. Indirect Costs: 0.00 % Base N/A	\$0
11. Total (Share: Recipient <u>0.00</u> % Federal <u>100.00</u> %)	\$67,340
12. Total Approved Assistance Amount	\$67,340
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$67,340
15. Total EPA Amount Awarded To Date	\$67,340

## BUDGET JUSTIFICATION WORKSHEET

You must provide a detailed cost justification for the estimated budget amounts reflected in Section B of your SF-424A application form. This detailed information will enable the EPA project officer to perform the required analysis to determine if the costs are reasonable and necessary. You may use the following format or a format of your choice to provide this information.

[NOTE: Please indicate any pre-award costs with a star (\*).]

**a. PERSONNEL**

POSITION	NUMBER	SALARY	WORK YEARS	AMOUNT
<b>a. PERSONNEL TOTAL</b>				

**b. FRINGE BENEFITS**

BASE	
RATE	x
<b>b. FRINGE BENEFITS TOTAL</b>	

**c. TRAVEL**

<p><b>If the grant is not for a continuing environmental program or if travel is not well documented in the work plan, provide a breakdown of the number of trips, destinations, number of travelers, etc. to document estimated travel costs.</b></p>
<hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>c. TRAVEL TOTAL:</b></p>

Page 1  
**OBJECT CLASS CATEGORIES WORKSHEET**

**d. EQUIPMENT**

<p><b>Tangible, non-expendable, personal property having a useful life of more than one year and an acquisition cost of \$5,000 or more per unit. Please list equipment items (i.e., vehicles, boats, etc.) and provide adequate detail to enable the EPA project officer to make an eligibility determination and to verify cost. For "equipment" with a cost of less than \$5,000 per unit, list under supplies.</b></p>			
ITEM	NUMBER	COST PER UNIT	TOTAL
TELEDYNE T640X w PM1	1	51,702	51,702
<del>THERMO 1405 (PM2.5) PARTIAL COST</del>	1	15,638	15,638
TELEDYNE T703 OZONE PS (PARTIAL COST)			
<b>d. EQUIPMENT TOTAL:</b>			67,340

**e. SUPPLIES**

<p><b>List by groups (as appropriate), such as office supplies, lab supplies, field supplies. If the cost for a particular group is over \$50,000, please provide a list of the more costly items or subsets.</b></p>	
<b>e. SUPPLIES TOTAL</b>	

## OBJECT CLASS CATEGORIES WORKSHEET

**f. CONTRACTUAL**

<b>List each planned contract and the type of services/project activity to be procured. Agreements/contracts with other governmental agencies (state, local or Federal) should be listed under category h. OTHER.</b>	
<b>f. CONTRACTUAL TOTAL</b>	

**g. CONSTRUCTION (N/A)**

**h. OTHER**

<b>List other items that would not be appropriately included elsewhere, such as costs for maintenance, operations, repairs, motor pools, rental, training, publication, and printing, and Intergovernmental Agreements</b>	
<b>h. OTHER TOTAL</b>	

<b>i. TOTAL DIRECT COSTS: (Sum of categories A through H)</b>	67,340
<b>j. INDIRECT COSTS: (RATE: %)</b>	0
<b>k. TOTAL PROPOSED COSTS: (Sum of categories I through J)</b>	67,340
<b>FEDERAL FUNDS REQUESTED: _____ 100 _____ %</b>	
<b>RECIPIENT SHARE OF TOTAL PROPOSED COSTS: _____ 0 _____ %</b>	

### **Attachment 1 - Project Description**

This action approves \$67,340 in funding under the Inflation Reduction Act (IRA) to the City of Jacksonville. The purpose of this grant is to enhance monitoring of PM2.5 or other particulate matter pollutants in and near communities with environmental justice concerns, as well as other communities. The recipient will replace existing filter-based monitors with continuous federal equivalent method (FEM) monitors to provide 24/7, real-time reporting of air quality concentrations. Full automation of PM2.5 monitors will provide all communities with fine particulate data of the same quality and allow them to compare continuous data streams in nearby areas. The funds will be used to provide a backup FEM continuous PM monitor to help ensure that data completeness goals are met, and to partially fund the replacement of aging PM2.5 monitors used to solely for reporting real-time air quality to airnow.gov. The City of Jacksonville will: 1) Review and compare EPA proposed equipment for purchase and determine if any adjustments need to be made on enhancements at various air monitoring sites based on current needs. Consult with EPA about proposed changes/updates. 2) Prepare and initiate procurement request(s) for equipment purchase(s). 3) Purchase equipment. 4) Take delivery of equipment upon verification of functionality of equipment and move forward with payment of vendor invoices. The anticipated deliverables include enhanced air monitoring and maintaining health-based air pollution standards to reduce the direct emission of particulate matter and other criteria air pollution from stationary and mobile sources that are protective of human health. The expected environmental outcome will be reduced incidences of respiratory illnesses including asthma and lung cancer and improved visibility in and near these communities. Direct beneficiaries of these activities are the residents of the City of Jacksonville, Florida. 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-1-2022-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](mailto:rtpfc-grants@epa.gov) and Latoria Davis-Reed, [Davis.Latoria@epa.gov](mailto:Davis.Latoria@epa.gov), 404-562-9782

- MBE/WBE reports (EPA Form 5700-52A): Latoria Davis-Reed, [Davis.Latoria@epa.gov](mailto: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: Angela Stampley, [Stampley.Angela@epa.gov](mailto:Stampley.Angela@epa.gov), 404-562-9092

- Payment requests (if applicable): Angela Stampley, [Stampley.Angela@epa.gov](mailto:Stampley.Angela@epa.gov), 404-562-9092

- Quality Assurance documents, workplan revisions, equipment lists, programmatic reports and deliverables: Angela Stampley, [Stampley.Angela@epa.gov](mailto:Stampley.Angela@epa.gov), 404-562-9092

## **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.

### **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. 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.

- 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



9970 Carroll Canyon Road, San Diego, CA 92131 Phone: 858-657-9800 Fax: 858-657-9816 Email: api-sales@teledyne.com  
 Remit to address: 12497 Collections Center Drive, Chicago, IL 60693

Company: City of Jacksonville - Neighborhoods Department  
 Attention: Janelle Ames  
 Address: 214 N Hogan Street  
 City, State, & Zip: Jacksonville, FL 32202  
 Phone: (904) 255-7169  
 Fax:  
 Email: Ames, Janelle <JanelleA@coj.net>

Date Quoted: August 25, 2023  
 Quote Number: 08-25-23RK3  
 FOB: Factory  
 Payment Terms: NET 30 OAC\*  
 Delivery: Days ARO

IN ANSWER TO YOUR REQUEST, WE ARE PLEASED TO QUOTE YOU AS FOLLOWS:  
 All Options including No Charge Options must be listed on purchase orders to be included

\* On Approved Credit  
 All totals are in US Dollars

ITEM	P/N	QTY	DESCRIPTION	UNIT PRICE	EXTENSION
1	070750300	1	MODEL T703U UV PHOTOMETRIC O <sub>3</sub> CALIBRATOR WITH INTERNAL ZERO AIR PUMP AND EXTERNAL ZERO AIR SHUT-OFF VALVE (Ultra-low ozone capability, down to 3 ppb) Includes: NumaView™ Software Photometer Ranges: 0-100 ppb to 0-10 ppm Product manuals on CD <b>TWO YEAR STANDARD WARRANTY</b> TAPI Customer Service support by phone, fax, or email for the life of the instrument	\$19,700.00	\$19,700.00
	031510000	20A	Rack Mount with Chassis Slides 26" = 660 mm	\$370.00	\$0.00
	031520000	20B	Rack Mount with Chassis Slides 24" = 610 mm	\$370.00	\$0.00
	031500000	21	Rack Mount, no Slides, Ears only	\$150.00	\$0.00
	058110100	42A	Annual Maintenance Kit	\$441.00	\$0.00
	067610000	62	RS232 Internal Multi-Drop	\$290.00	\$0.00
	067600100	64A	USB Com Port	\$190.00	\$0.00
			<b>LIST TOTAL</b>		\$19,700.00
			<b>LESS DISCOUNT</b>	10%	<del>\$1,970.00</del>
			<b>Estimated shipping</b>	\$125.00	\$125.00
	Warranty1EXT	92A	1 Year Extended Warranty <sup>(1)</sup>	\$950.00	\$0.00
	Warranty2EXT	92B	2 Year Extended Warranty <sup>(1)</sup>	\$1,800.00	\$0.00
	Warranty3EXT	92C	3 Year Extended Warranty <sup>(1)</sup>	\$2,760.00	\$0.00
			Please Contact Factory for Additional Extended Warranty Fees	Consult Factory	Consult Factory
			(1) Item is NET PRICE. NOT DISCOUNTABLE and MUST BE ORDERED at the time of instrument purchase		
			<b>NET TOTAL</b>		\$17,855.00

This quotation is valid until: October 24, 2023  
 Without a specific expiration date, this quotation is made for immediate acceptance  
 Please address all purchase orders to: Teledyne API, a business unit of Teledyne Instruments, Inc.  
 Seller's Offer, and any order issued by Buyer to Seller for the goods and/or services specified herein, is strictly limited to Seller's General Terms and Conditions of Sale,  
 which can be found at [www.teledyne-api.com](http://www.teledyne-api.com)

QUOTED BY: *Bob Kinsella*



9970 Carroll Canyon Road, San Diego, CA 92131 Phone: 858-657-9800 Fax: 858-657-9916 Email: api-sale@teledyne.com  
Remit to address: 12497 Collections Center Drive, Chicago, IL 60693

Company: City of Jacksonville | Neighborhoods Department  
Attention: Janelle Ames  
Address: 214 N Hogan Street  
City, State, & Zip: Jacksonville, FL 32202  
Phone: (904) 255-7169  
Fax:  
Email: Ames, Janelle <JanelleA@coj.net>

Date Quoted: August 25, 2023  
Quote Number: 082523RK2  
FOB: Factory  
Payment Terms: NET 30 OAC\*  
Delivery: 30 Days ARO

IN ANSWER TO YOUR REQUEST, WE ARE PLEASED TO QUOTE YOU AS FOLLOWS:

\* On Approved Credit

All Options including No Charge Options must be listed on purchase orders to be included

All totals are in U.S. Dollars

ITEM	P/N	QTY	DESCRIPTION	UNIT PRICE	EXTENSION
1	07060000	1	MODEL T640 PM MASS MONITOR High resolution particle sensor with broadband LED source Microprocessor control with 4GB internal data storage and NumaView™ software T Series, lightweight 19" rack mountable chassis with Ethernet communications Simultaneous, 1-min PM10 and PM2.5 mass concentration measurements <b>INCLUDED COMPONENTS PER ANALYZER</b> Internal sample pump (for 5 LPM sample flow) with in-line DFU filter Internal sample flow controller with ambient temp/press compensation Aerosol Sample Conditioner (ASC) Ambient Temperature Probe with 15 ft cable and solar shield Operating Manual on CD <i>TWO YEAR STANDARD WARRANTY</i>	\$26,600.00	26,600.00
	089110000	1	<b>OPTIONAL MEASUREMENT CAPABILITY</b> PM1 Measurement Option	\$4,760.00	\$4,760.00
	093650000	1	PM Total Measurement Option	\$4,760.00	\$0.00
			<b>FLOW AND SAMPLE HEAD OPTIONS</b>		
	083760000	1	Sample Head (for 5 LPM flow) with Inner Sample Tube	\$1,450.00	\$0.00
	083770000	1	640X Auxiliary Flow System with the US EPA, 16.7LPM, PM10, 640X Inner Sample Tube, 640X Bypass Flow Coupler, and External Pump	\$16,700.00	\$16,700.00
			<b>ACCESSORIES</b>		
	084910000	1	Leak Check, Flow Audit Adaptor Kit	\$250.00	\$250.00
			<b>INSTALLATION HARDWARE</b>		
	083780000	1	Sample Tube Extension Kit, 8 Foot, ea. with Coupling and Roof Flange	\$880.00	\$0.00
	083790000	1	Sample Tube Extension Kit, 8 Foot, ea. with Coupling and Roof Flange (for the 640X option)	\$1,190.00	\$1,190.00
	084710000	1	Support Tripod - Supports Sample Tube Extension Kit	\$370.00	\$370.00
			<b>MOUNTING</b>		
	031510000	20A	Rack Mount with Chassis Slides 26" = 660 mm	\$370.00	\$0.00
	031520000	20B	Rack Mount with Chassis Slides 24" = 610 mm	\$370.00	\$0.00
	031500000	21	Rack Mount, no Slides, Ears only	\$150.00	\$0.00
			<b>CONSUMABLES</b>		
	FL0000003	4	In-line DFU Filter, (2-1 per year)	\$50.00	\$200.00
			<b>LIST SPARES / ACCESSORIES SUBTOTAL</b>		<b>\$50,070.00</b>
			<b>ENCLOSURE<sup>(1)</sup></b>		
	084530000	1	Fan-ventilated, weatherproof outdoor enclosure for the T640 <sup>(1)</sup>	\$8,690.00	\$0.00
			<sup>(1)</sup> Item is NET PRICE. NOT DISCOUNTABLE		
			<b>ESTIMATED SHIPPING</b>	<b>\$1.85</b>	<b>\$185.00</b>
			<b>NET TOTAL</b>		<b>\$50,255.00</b>

This quotation is valid until: **October 24, 2023**

Without a specific expiration date, this quotation is made for immediate acceptance.

Please address all purchase orders to Teledyne API, a business unit of Teledyne Instruments, Inc.

Seller's Offer, and any order issued by Buyer to Seller for the goods and/or services specified herein, is strictly limited to Seller's General Terms and Conditions of Sale.

which can be found at [www.teledyne-api.com](http://www.teledyne-api.com)

QUOTED BY **Bob Kinsella**