



## BOARD OF SUPERVISORS AGENDA ITEM REPORT AWARDS / CONTRACTS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 12/20/22

\* = Mandatory, information must be provided

or Procurement Director Award: ☐

**\*Contractor/Vendor Name/Grantor (DBA):**

Department of Interior US Geological Survey

**\*Project Title/Description:**

Intergovernmental Agreement for Water Resources Investigations

**\*Purpose:**

This Intergovernmental Agreement (IGA) between the Pima County Regional Flood Control District (District) and the United States Geological Survey (USGS) to jointly fund the operation of 12 USGS streamflow gaging stations located in Pima County for a period of five years.

**\*Procurement Method:**

This IGA is a non-Procurement contract and not subject to Procurement rules.

**\*Program Goals/Predicted Outcomes:**

The USGS will operate and maintain instrumentation at streamflow gaging stations located on the the Santa Cruz River, Tanque Verde, Sabino, and Rillito creeks, the Pantano, Canada del Oro, Altar, and Brawley washes. Data from these stations, including stage and discharge, will be published on the web to provide near real-time streamflow information.

**\*Public Benefit:**

This IGA facilitates the joint funding and operation of 12 streamflow monitoring sites that otherwise would be discontinued. Data derived from these sites provide accurate and near real-time information related to flooding conditions on key watercourses in Pima County. This information directly supports the Districts' ALERT Flood Warning System and provides a public safety benefit for Pima County residences. Additionally streamflow information recorded at these sites provides an essential history of water resources as they pertain to surface water runoff in Pima County.

**\*Metrics Available to Measure Performance:**

The most recent instantaneous water level measurements from gaging sites operated under this IGA will be available via the USGS' National Water Information System web interface. Data collected at these sites will also be compiled and documented in annual reports provided by the USGS.

**\*Retroactive:**

Yes. The iterative nature of updating the contract with USGS staff resulted in the final language only recently being agreed to. Due to the direct support USGS provides to the District's ALERT system, this contract has a direct impact to the District ability to provide flood warning to emergency responders and the public.

TO: COB 12-6-2022 (1)  
VERS: 1  
PGS: 7

THE APPLICABLE SECTION(S) BELOW MUST BE COMPLETED

Click or tap the boxes to enter text. If not applicable, indicate "N/A". Make sure to complete mandatory (\*) fields

**Contract / Award Information**

Document Type: CT Department Code: FC Contract Number (i.e., 15-123): 23\*222  
Commencement Date: 12/1/22 Termination Date: 9/30/27 Prior Contract Number (Synergen/CMS): \_\_\_\_\_  
☒ Expense Amount \$ 687,000 \* ☐ Revenue Amount: \$ \_\_\_\_\_

**\*Funding Source(s) required: Flood Control Ops**

Funding from General Fund? ☐ Yes ☒ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

Contract is fully or partially funded with Federal Funds? ☐ Yes ☒ No

If Yes, is the Contract to a vendor or subrecipient? \_\_\_\_\_

Were insurance or indemnity clauses modified? ☐ Yes ☒ No

If Yes, attach Risk's approval.

Vendor is using a Social Security Number? ☐ Yes ☒ No

If Yes, attach the required form per Administrative Procedure 22-10.

**Amendment / Revised Award Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e., 15-123): \_\_\_\_\_

Amendment No.: \_\_\_\_\_ AMS Version No.: \_\_\_\_\_

Commencement Date: \_\_\_\_\_ New Termination Date: \_\_\_\_\_

Prior Contract No. (Synergen/CMS): \_\_\_\_\_

☐ Expense ☐ Revenue ☐ Increase ☐ Decrease

Amount This Amendment: \$ \_\_\_\_\_

Is there revenue included? ☐ Yes ☐ No If Yes \$ \_\_\_\_\_

**\*Funding Source(s) required: \_\_\_\_\_**

Funding from General Fund? ☐ Yes ☐ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

**Grant/Amendment Information** (for grants acceptance and awards)

☐ Award ☐ Amendment

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Grant Number (i.e., 15-123): \_\_\_\_\_

Commencement Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Amendment Number: \_\_\_\_\_

☐ Match Amount: \$ \_\_\_\_\_ ☐ Revenue Amount: \$ \_\_\_\_\_

**\*All Funding Source(s) required: \_\_\_\_\_**

\*Match funding from General Fund? ☐ Yes ☐ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

\*Match funding from other sources? ☐ Yes ☐ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

\*Funding Source: \_\_\_\_\_

\*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)? \_\_\_\_\_

Contact: Lynn Orchard (P/U Martha Guzman 4-4611)

Department: Regional Flood Control District

Telephone: 724-4654

for

Department Director Signature: \_\_\_\_\_ Date: 11/29/2022

Deputy County Administrator Signature: \_\_\_\_\_ Date: 12/1/2022

County Administrator Signature: \_\_\_\_\_ Date: 12/1/2022

Form 9-1366  
(May 2018)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Customer #: 6000000793  
Agreement #: 23ZFJFA0800  
Project #:  
TIN #: 86-6000543

Fixed Cost Agreement YES[ X ] NO[ ]

THIS AGREEMENT is entered into as of the October 1, 2022, by the U.S. GEOLOGICAL SURVEY, Arizona Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Pima County party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$516,000 by the party of the first part during the period December 1, 2022 to September 30, 2027
- (b) \$687,000 by the party of the second part during the period December 1, 2022 to September 30, 2027
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (<https://www.usgs.gov/about/organization/science-support/science-quality-and-integrity/fundamental-science-practices>).

Form 9-1366  
(May 2018)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Customer #: 6000000793  
Agreement #: 23ZFJA0800  
Project #:  
TIN #: 86-6000543

9. Billing for this agreement will be rendered quarterly. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

10. Cancellation for Conflict of Interest. This Contract is subject to cancellation for conflict of interest pursuant to A.R.S. § 38-511, the pertinent provisions of which are incorporated into this Contract by reference.

**USGS Technical Point of Contact**

Name: Daniel Evans  
Supervisory Hydrologist/Data Chief  
Address: 520 N Park Ave  
Tucson, AZ 85719  
Telephone: (520) 670-3311  
Fax: (520) 670-5592  
Email: devans@usgs.gov

**Customer Technical Point of Contact**

Name: Lynn Orchard  
Chief Hydrologist  
Address: 201 N. Stone Ave. 9th Floor  
Tucson, AZ 85701  
Telephone: (520) 724-4600  
Fax:  
Email: Lynn.Orchard@pima.gov

**USGS Billing Point of Contact**

Name: Alexis Lopez  
Budget Technician  
Address: 520 N. Park Ave  
Tucson, AZ 85719  
Telephone: (520) 670-3339  
Fax:  
Email: aslopez@usgs.gov

**Customer Billing Point of Contact**

Name: Lynn Orchard  
Chief Hydrologist  
Address: 201 N. Stone Ave. 9th Floor  
Tucson, AZ 85701  
Telephone: (520) 724-4600  
Fax:  
Email: Lynn.Orchard@pima.gov

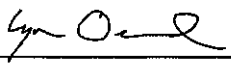
U.S. Geological Survey  
United States  
Department of Interior

Pima County

Signature

JAMES  
By LEENHOUTS Digitally signed by  
JAMES LEENHOUTS  
Date: 2022.11.28  
16:05:01 -0700 Date: 11/28/22  
Name:  
Title: Center Director

Signatures

By  Date: 12/01/2022  
Name: Lynn Orchard  
Title: Chief Hydrologist

**PIMA COUNTY FLOOD CONTROL DISTRICT**

\_\_\_\_\_  
Chair, Board of Directors

\_\_\_\_\_  
Date

**ATTEST**

\_\_\_\_\_  
Clerk of the Board

\_\_\_\_\_  
Date

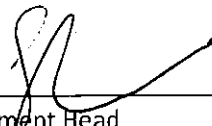
**APPROVED AS TO FORM**

Digitally signed by Kyle Johnson  
Date: 2022.11.29 10:27:59 -07'00'  
\_\_\_\_\_  
Deputy County Attorney

\_\_\_\_\_  
Print DCA Name

\_\_\_\_\_  
Date

**APPROVED AS TO CONTENT**

  
\_\_\_\_\_  
Department Head

11/29/2022  
\_\_\_\_\_  
Date

SUMMARY OF COOPERATIVE PROGRAM BETWEEN  
U.S. GEOLOGICAL SURVEY, ARIZONA WATER SCIENCE CENTER WATER RESOURCES INVESTIGATIONS, TUCSON, ARIZONA  
AND  
PIMA COUNTY  
DECEMBER 1, 2022 THROUGH SEPTEMBER 30, 2027

FY 2023 For partial or full support of the following stream-gaging stations Oct 1, 2022 - Sep 30, 2023		PCFCD	CMF	FPS	Total
Station ID					
09482000	Santa Cruz River at Continental	11450	8600		20,050
09482500	Santa Cruz River at Tucson	11450	8600		20,050
09484500	Tanque Verde Creek at Tucson	11450	8600		20,050
09484000	Sabino Creek nr Tucson	11450	8600		20,050
09484600	Pantano Wash nr Vail	11450	8600		20,050
09485000	Rincon Creek nr Tucson	11450	8600		20,050
09485450	Pantano Wash at Broadway Rd	11450	8600		20,050
09485700	Rillito Creek at Dodge Blvd	11450	8600		20,050
09486055	Rillito Creek at La Cholla Blvd	11450	8600		20,050
09486350	Canyon Del Oro Wash nr Tucson	11450	8600		20,050
09486800	Altar Wash nr Three Points	11450	8600		20,050
09487000	Brawley Wash nr Three Points	11450	8600		20,050
<b>TOTALS FY2023</b>	<b>Total</b>	<b>\$137,400</b>	<b>\$103,200</b>	<b>\$0</b>	<b>240,600</b>
Oct 1, 2023 - Sep 30, 2024					
09482000	Santa Cruz River at Continental	11450	8600		20,050
09482500	Santa Cruz River at Tucson	11450	8600		20,050
09484500	Tanque Verde Creek at Tucson	11450	8600		20,050
09484000	Sabino Creek nr Tucson	11450	8600		20,050
09484600	Pantano Wash nr Vail	11450	8600		20,050
09485000	Rincon Creek nr Tucson	11450	8600		20,050
09485450	Pantano Wash at Broadway Rd	11450	8600		20,050
09485700	Rillito Creek at Dodge Blvd	11450	8600		20,050
09486055	Rillito Creek at La Cholla Blvd	11450	8600		20,050
09486350	Canyon Del Oro Wash nr Tucson	11450	8600		20,050
09486800	Altar Wash nr Three Points	11450	8600		20,050
09487000	Brawley Wash nr Three Points	11450	8600	0	20,050
<b>TOTALS FY2024</b>	<b>Total</b>	<b>\$137,400</b>	<b>\$103,200</b>	<b>0</b>	<b>240,600</b>
Oct 1, 2024 - Sep 30, 2025					
09482000	Santa Cruz River at Continental	11450	8600		20,050
09482500	Santa Cruz River at Tucson	11450	8600		20,050
09484500	Tanque Verde Creek at Tucson	11450	8600		20,050
09484000	Sabino Creek nr Tucson	11450	8600		20,050
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09486800	Altar Wash nr Three Points	11450	8600		20,050
09487000	Brawley Wash nr Three Points	11450	8600	0	20,050
<b>TOTALS FY2025</b>	<b>Total</b>	<b>\$137,400</b>	<b>\$103,200</b>	<b>0</b>	<b>240,600</b>
Oct 1, 2025 - Sep 30, 2026					
09482000	Santa Cruz River at Continental	11450	8600		20,050
09482500	Santa Cruz River at Tucson	11450	8600		20,050
09484500	Tanque Verde Creek at Tucson	11450	8600		20,050
09484000	Sabino Creek nr Tucson	11450	8600		20,050
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09486350	Canyon Del Oro Wash nr Tucson	11450	8600		20,050
09486800	Altar Wash nr Three Points	11450	8600		20,050
09487000	Brawley Wash nr Three Points	11450	8600	0	20,050
<b>TOTALS FY2026</b>		<b>Total</b>	<b>\$137,400</b>	<b>\$103,200</b>	<b>0</b>
					<b>240,600</b>

Oct 1, 2026 - Sep 30, 2027

09482000	Santa Cruz River at Continental	11450	8600		20,050
09482500	Santa Cruz River at Tucson	11450	8600		20,050
09484500	Tanque Verde Creek at Tuson	11450	8600		20,050
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09486800	Altar Wash nr Three Points	11450	8600		20,050
09487000	Brawley Wash nr Three Points	11450	8600	0	20,050
<b>TOTALS FY2027</b>		<b>Total</b>	<b>\$137,400</b>	<b>\$103,200</b>	<b>0</b>
					<b>240,600</b>

<b>Total for Five-Year Agreement</b>	<b>PCFCD</b> \$687,000	<b>USGS CMF</b> \$516,000	<b>USGS FPS</b>	<b>Total Funding</b> \$1,203,000
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U.S. DEPARTMENT OF THE INTERIOR  
OFFICE OF POLICY AND ANALYSIS  
AGREEMENT REVIEW SYSTEM

Form v2  
March 2022

Submitted On: 2022-10-28

OPA Review Number: 2023ZF-12491

SECTION 1 - ADMINISTRATIVE CONTACT SECTION

Grant Funds-In Award

Administrative Contact Information

Full Name Lopez, Alexis S  
Phone Number 520-670-3339  
Email aslopez@usgs.gov  
Science Center GGWSZF0000 AZ WATER SCI CTR

Other Contacts

Principal Investigator Ehrenberg, Kurt T; Include in email notifications  
Alternative Administrative Contact Evans, Daniel W; \*Optional  
Alternative Administrative Contact Richard, Rudolph (Rudy); \*Optional  
Read-Only Access \*Optional  
Center Director Leenhouts, James M;

Non-USGS Entity Information [Party to the Agreement]

Entity Name Pima County Flood Control District  
Entity Website https://webcms.pima.gov/government/flood\_control/  
Entity Type State/Local/Tribal Government   
☐ Yes ☐ No - Is the partner a foreign-owned or controlled entity [directly or indirectly]?  
☐ Check if there are additional parties to the agreement  
Action Type New Agreement   
☐ Based on agreement OPA previously approved  
Agreement Type JFA (Joint Funding Agreement)   
SAM.GOV Review N/A

Estimated Funds-In From Entity \$687,000.00

Agreement & Other Documents

Pima Co Agreement 23ZFJFA0800 -  
Unsigned.pdf  
427.97 KB

☒ Add Attachment  
Last attached 2022-10-28T11:03:12

ADDITIONAL DATA FIELDS FOR APPROVED ACTION:(NOT YET OPERATIONAL)

Below are fields that Center can used to add important data to this action.

SAVE

SPECIAL FEATURE - REOPEN THE ACTION:

This function below will enable the Center to REOPEN/RESET the action back to the initial point ('Pending Submission'). All data will be preserved, but this action will need to be resubmitted in the same session to go through the reviewing process again. Please note: nothing will be saved unless the action is being resubmitted.

REOPEN THIS AGREEMENT

SECTION 2 - OPA REVIEWER - For Internal OPA Use Only

Required Documentation Yes

USTR Concurrence N/A

Comment This agreement appears to be a non-standard JFA with an added clause.  
The start date appears to start in the past, as October 1, 2022.  
Please see Section 10, additional provision for Conflict of Interest.

Reviewed Agreement Click here to attach a file

☒ Add Attachment

Action Officer Mitchell, James M.

SECTION 3 - ACTION OFFICER

Status

Approved



**External Consults**

☐ Intellectual Property

☐ DOI Solicitor

☐ International Programs

☐ OAFM

☐ OAG

☐ OCAP

☐ Ethics

**Attachments**

[Click here to attach a file](#)

[Add Attachment](#)

**Comment** Agreement is contingently approved. Start date must be "in the future." of approval. Change date prior to signing.

*Current User: Lopez, Alexis S*

*OPA Approved on: 2022-11-10*

**FORM LOG**

**X**

OPA Action Officer: Mitchell, James M, approved on : 2022-11-10T14:38:46

OPA Reviewer: Powell, Mary E, submitted for OPA approval on 2022-10-28T14:12:44

AC: Lopez, Alexis S submit to OPA for review on 2022-10-28T11:04:23 with the following message:

New added line 10 with information that entity Pima County has requested to be added to our new agreement.