



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

Award Contract Grant

Requested Board Meeting Date: September 19, 2017

* = Mandatory, information must be provided

or Procurement Director Award

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

United States Geological Survey

***Project Title/Description:**

Intergovernmental Agreement (IGA) for water resources investigations

***Purpose:**

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:**

Procurement Exempt, IGA D29.4

***Program Goals/Predicted Outcomes:**

The USGS will operate and maintain instrumentation at streamflow gaging stations located on the the Santa Cruz River, Tanque Verde Creek, Sabino Creek, Rillito Creek, Pantano Wash, Canada del Oro Wash, Altar Wash, and Brawley Wash. 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:**

No

To BOS: 9-5-17 (2)
Vers: 1
Pgs: 4

Contract / Award Information

Document Type: CT Department Code: FC (PQ) Contract Number (i.e., 15-123): CT 18*062

Effective Date: 10/01/2017 Termination Date: 09/30/2022 Prior Contract Number (Synergen/CMS): CT 13*231

Expense Amount: \$* 546,000 Revenue Amount: \$ _____

*Funding Source(s) required: Flood Control District Tax Levy Fund

Funding from General Fund? Yes No If Yes \$ _____ % _____

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

*Is the Contract to a vendor or subrecipient? Vendor

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 22-73.

Amendment / Revised Award Information

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

Amendment No.: _____ AMS Version No.: _____

Effective Date: _____ New Termination Date: _____

Prior Contract No. (Synergen/CMS): _____

Expense or 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): _____

Effective 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

Department: Regional Flood Control District Telephone: (520) 724-4654

Department Director Signature/Date: Suzanne Shields

Deputy County Administrator Signature/Date: [Signature]

County Administrator Signature/Date: [Signature] 8/31/17

(Required for Board Agenda/Addendum Items)

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Customer #: 6000000793/AZ012
Agreement #: 18CMAZ03400
Project #: ZF009DQ
TIN #: 86-6000543
Fixed Cost Agreement YES

JOINT FUNDING AGREEMENT

Contract No: CI-FC-18-002 Amendment No: _____
This number must appear on all correspondence and documents pertaining to this contract FOR

WATER RESOURCES INVESTIGATIONS

THIS AGREEMENT is entered into as of the, 26th day of June, 2017 by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation the operation and maintenance of a streamflow gaging station network as described in the attached workplan 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) includes In-Kind Services in the amount of \$0.00

(a) by the party of the first part during the period

| Amount | Date | to | Date |
|--------------|-----------------|----|--------------------|
| \$516,000.00 | October 1, 2017 | | September 30, 2022 |

(b) by the party of the second part during the period

| Amount | Date | to | Date |
|--------------|-----------------|----|--------------------|
| \$546,000.00 | October 1, 2017 | | September 30, 2022 |

Total: \$1,062,000

(c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0.00

Description of the USGS regional/national program:
N/A

(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.

PIMA COUNTY

Chair, Board of Directors


Date

ATTEST

Clerk of the Board

Date

APPROVED AS TO FORM



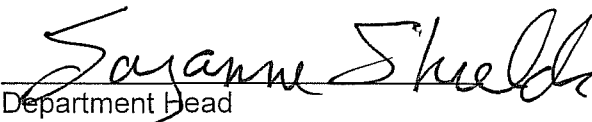
Deputy County Attorney

ANDREW FLAGG

Print DCA Name
8/23/2017

Date

APPROVED AS TO CONTENT



Department Head

9/30/17

Date

- 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 costs, 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.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

**U.S. Geological Survey
United States
Department of the Interior**

Pima County Regional Flood Control District

USGS Point of Contact

Customer Point of Contact

Name: James M. Leenhouts
 Address: USGS Arizona Water Science Center
 520 N. Park Ave., #221
 Tucson, AZ 85719
 Telephone: 520-670-6771 X278
 Email: leenhout@usgs.gov

Name: Lynn Orchard
 Address: Pima County Regional Flood Control District
 201 N. Stone, 9th Floor
 Tucson, AZ 85701
 Telephone: 520-724-4600
 Email: Lynn.Orchard@pima.gov

Signatures and Date

Signature: *Chris Smith* Date: 8-22-17

letting

Name: James M. Leenhouts Title: Director

**SUMMARY OF COOPERATIVE PROGRAM
BETWEEN THE
WATER RESOURCES DIVISION, GEOLOGICAL SURVEY, TUCSON, ARIZONA
AND THE
PIMA COUNTY FLOOD CONTROL DISTRICT
OCTOBER 1, 2017, THROUGH SEPTEMBER 30, 2022**

| For the support of data collection and analysis at continuous discharge gaging stations per year: | USGS Coop | PCFCD Coop | Total Funding |
|--|------------------|-------------------|----------------------|
| 09482000 Santa Cruz River at Continental | 8,600 | 9,100 | 17,700 |
| 09482500 Santa Cruz River at Tucson | 8,600 | 9,100 | 17,700 |
| 09484500 Tanque Verde Creek at Tucson | 8,600 | 9,100 | 17,700 |
| 09484000 Sabino Creek nr Tucson | 8,600 | 9,100 | 17,700 |
| 09484600 Pantano Wash nr Vail | 8,600 | 9,100 | 17,700 |
| 09485000 Rincon Creek nr Tucson | 8,600 | 9,100 | 17,700 |
| 09485450 Pantano Wash at Broadway at Tucson | 8,600 | 9,100 | 17,700 |
| 09485700 Rillito Creek at Dodge Blvd | 8,600 | 9,100 | 17,700 |
| 09486055 Rillito Creek at La Cholla Road | 8,600 | 9,100 | 17,700 |
| 09486350 Canada del Oro nr Tucson | 8,600 | 9,100 | 17,700 |
| 09486800 Altar Wash nr Three Points | 8,600 | 9,100 | 17,700 |
| 09487000 Brawley Wash nr Three Points | 8,600 | 9,100 | 17,700 |
| Annual Totals | 103,200 | 109,200 | 212,400 |

Total funds needed for the five year agreement are \$516,000 from the USGS and \$546,000 from PCFCD.

The funds identified in table 1 are for the annual operation of the gaging stations listed in the table. The normal operation of a streamflow gaging station includes:

- Operation and maintenance of instrumentation at a gaging station, including datum control to obtain continuous record of water stage.
- Visiting the station and making discharge measurements (when there is flow) 8 to 12 times per year.
- Extreme high-flow events require making additional discharge measurements.
- Development of a relation between stage and discharge, and continual adjustments of the relation to reflect current conditions.
- Computation of mean daily discharge, volume, and peak-flow discharge from the continuous stage record and relation between stage and discharge.
- Publication of data in U.S. Geological Survey annual report and on the Web.