

## COB - BOSAIR FORM

01/06/2026 7:01 AM (MST)

Submitted by Martha.Guzman@pima.gov



## BOARD OF SUPERVISORS AGENDA ITEM REPORT (BOSAIR)

**\*All fields are required. Enter N/A if not applicable. For number fields, enter 0 if not applicable.\***

**Award Type:** Contract

**Is a Board Meeting Date Requested?**

Requested Board Meeting Date: 02/03/2026

**Signature Only:**

NO

Procurement Director Award / Delegated Award:

**Supplier / Customer / Grantor / Subrecipient:** Insight Hydrology LLC

## Rating Curve Development for Pima County Flood Warning Gages

**Purpose:** The Regional Flood Control District (District) operates more than 150 real-time flood warning sensors to monitor both precipitation and stream discharges. Precise calibration between flow depth and stream discharge enhances the reliability of Pima County's advanced flood alert system. This improvement empowers emergency coordinators to make well informed choices during flooding incidents. Additionally, calibrating models in these zones could benefit future flood predictions made by the District. This could lead to lower flood insurance costs for homeowners and more accurately pinpoint areas at high risk for flooding.

The District submitted Amendment No. 1 exercising the first extension option to renew the Contract for one additional year, commencing on 11/07/2024 to allow for the ongoing services of Insight Hydrology LLC to provide for the Rating Curve Development for Pima County Flood Warning Gages.

Amendment No. 2 exercises the second extension option to renew the Contract for one additional year, commencing on 11/07/2025 to allow for the ongoing services of Insight Hydrology LLC to provide for the Rating Curve Development for Pima County Flood Warning Gages.

**Procurement Method:** Direct Select for Professional Services: Direct Select per Board of Supervisors Policy D29.6, III-C.

Procurement Method Additional Info: n/a To: COB, 01/21/26(1)  
VERSION: 4  
PAGES: 2

<b>Outcomes:</b>	sites, orthophotos of each site, 2D flow models, rating curve specific to each ALERT gage, observed discharge measurements, and documentation of all model inputs for future replication.
<b>Public Benefit and Impact:</b>	Enhancing the precision of state-of-the-art flood alert sensors offers emergency managers and first responders access to more reliable data, enabling better decision-making. Such improvements also hold the potential for re-evaluating FEMA-designated Special Flood Hazard Areas, which could ultimately lower insurance costs for homeowners by more accurately identifying floodprone regions.
<b>Budget Pillar</b>	<ul style="list-style-type: none"> <li>• Core functions &amp; excellent service</li> </ul>
<b>Support of Prosperity Initiative:</b>	<ul style="list-style-type: none"> <li>• C-S 2. Address Climate Resilience and Environmental Justice</li> </ul>
<b>Provide information that explains how this activity supports the selected Prosperity Initiatives</b>	This project enhances the ability of the District to measure and quantify streamflow in watercourses located in Pima County and contributes to our understanding of climate impacts on water resources.
<b>Metrics Available to Measure Performance:</b>	Deliverables for rating curve development for three (3) ALERT sites in Pima County.
<b>Retroactive:</b>	<b>YES</b>
<b>Retroactive Description:</b>	The Watershed Studies Division has been developing staff in project management and contractual oversight. As projects shifted, there was a communication gap which caused this contract to expire. The Division Manager is committed to providing better oversight as projects shift to other Project Managers. The inability to contract with Insight Hydrology LLC would impact the District in that it would not have the benefit of future flood predictions which can potentially lower flood insurance costs for homeowners, and empower emergency coordinators to make well informed choices during flooding incidents

### Amendment / Revised Award Information

Record Number: PO FC CT\_24000000000000000000143

<b>Document Type:</b>	PO
<b>Department Code:</b>	FC
<b>Contract Number:</b>	CT_24000000000000000000143
<b>Amendment Number:</b>	02
<b>Commencement Date:</b>	11/07/2025
<b>Termination Date:</b>	11/06/2026
<b>Is the Termination Date new?</b>	<b>YES</b>
<b>Classification:</b>	Expense
<b>Adjust Level:</b>	Increase

Prior Contract Number (If Applicable): n/a

Amount This Amendment:

\$45,000.00

Funding Source(s) required: 20010FD Regional Flood Control District

Funding from General Fund?

NO

Contract is fully or partially funded with Federal Funds?

NO

Department: Regional Flood Control District

Name: Martha Guzman

Telephone: 5207244611

Add GMI Department Signatures

No

Department Director Signature:  Date: 11/16/26

Deputy County Administrator Signature:  Date: 11/16/2024

County Administrator Signature:  Date: 1/22/2024

**Pima County Regional Flood Control District**

**Project: Rating Curve Development for Pima County Flood Warning Gages**

**Contractor: Insight Hydrology LLC**

**Contract No.: CT\_240000000000000000143**

**Contract Amendment No.: 02**

**Orig. Contract Term:** 11/07/2023 – 11/06/2024

**Termination Date Prior Amendment:** 11/06/2025

**Termination Date This Amendment:** 11/06/2026

**Orig. Amount:** \$ 45,000.00

**Prior Amendments Amount:** \$ 45,000.00

**This Amendment Amount:** \$ 45,000.00

**Revised Total Amount:** \$135,000.00

## **CONTRACT AMENDMENT**

The parties agree to amend the above-referenced contract as follows:

**1. Background and Purpose.**

1.1. **Background.** On November 7, 2023, District and Contractor entered into the above referenced agreement to provide Rating Curve Development for Pima County Flood Warning Gages.

1.2. **Purpose.** District requires the ongoing services of Insight Hydrology LLC to provide Digital Elevation Models for the three (3) ALERT sites, orthophotos of each site, 2D flow models, rating curve specific to each ALERT gage, observed discharge measurements, and documentation of all model inputs for future replication.

2. **Term.** District is exercising the second extension option to renew the contract for one additional year commencing on November 7, 2025 and terminating on November 6, 2026. If the commencement date is before the Effective Date of this amendment, the parties will, for all purposes, deem the amendment to have been in effect as of the commencement date.

3. **Maximum Payment Amount.** The maximum amount the District will spend under this Contract, as set forth in Section 5.2 is increased by \$45,000. District's total payments to Contractor under this contract, including any sales taxes, will not exceed \$135,000.

Contract No.: CT\_240000000000000000143 (AM 2)

All other provisions of the Contract not specifically changed by this Amendment remain in effect and are binding upon the parties.

**PIMA COUNTY REGIONAL  
FLOOD CONTROL DISTRICT**

Chair, Board of Directors

Date

ATTEST

Clerk of the Board

Date

**APPROVED AS TO FORM**

Anne F. Morrow

Deputy County Attorney

James F. Morrow

Print DCA Name

January 8, 2026

Date

**CONTRACTOR**



Authorized Officer Signature

Chris Smith

Printed Name and Title

1/13/2026

Date

Contract No.: CT\_2400000000000000143 (AM 2)