



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

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 10/18/22

\* = Mandatory, information must be provided

or Procurement Director Award: ☐

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

Sonoran Institute

**\*Project Title/Description:**

The Living River Project; Consulting Services

**\*Purpose:**

Document the wetland health of the effluent-dependent Santa Cruz River by preparing a Living River Annual Report to include Water Years 2022 and 2023.

**\*Procurement Method:**

Direct Select per Board of Supervisors Policy D29.6

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

Prepare approximately 11,000 copies of A Living River: Charting Santa Cruz River Conditions – Northwest Tucson to Marana. Provide outreach for the report by distributing the report and presenting results of the report to the public and stakeholders.

**\*Public Benefit:**

The Living River Project will evaluate and inform the public about changes to the effluent-dependent Santa Cruz River during the 2022 and 2023 Water Years downstream of the two Regional Wastewater Reclamation facilities on the Santa Cruz River. The Santa Cruz River is a significant community resource for recreation, water resources and wildlife habitat, and improvements to the wastewater reclamation facilities have produced substantially improved water quality largely improving the wetland health along the Santa Cruz River.

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

The metrics to gage success include:

Number of Living River annual reports prepared and distributed.

Number of Community Engagement Summary Reports prepared and distributed.

Number of public members participating in outreach events.

Number of web hits and downloads.

**\*Retroactive:**

No

TO: COB 9-27-22 (1)  
Vers.: 1  
pgs.: 13

SEP26'22PM0214PD

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\*075  
Commencement Date: 11/01/2022 Termination Date: 10/31/2024 Prior Contract Number (Synergen/CMS): \_\_\_\_\_  
☒ Expense Amount \$ 134,174 \* ☐ 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: Eleonora Demaria (M. Guzman for P/U)

Department: Regional Flood Control District

Telephone: (520) 724-4608

Department Director Signature: 

Date: 9/22/2022

Deputy County Administrator Signature: 

Date: 9/24/2022

County Administrator Signature: 

Date: 9/24/2022

**Pima County Regional Flood Control District**

**Project: The Living River Project; Consulting Services**

**Contractor: Sonoran Institute**

**Amount: \$134,174**

**Contract No.: CT-FC-23-075**

**Funding: Flood Control Ops**

**PROFESSIONAL SERVICES CONTRACT**

**1. Parties and Background.**

- 1.1. Parties. This Contract is between Pima County Regional Flood Control District, a body politic and corporate of the State of Arizona ("District"), and Sonoran Institute ("Contractor").
- 1.2. Authority. District selected Contractor pursuant to and consistent with Board of Supervisors Policy D29.6.

**2. Term.**

- 2.1. Initial Term. The term of this Contract commences on November 1, 2022 and will terminate on October 31, 2024 ("Initial Term"). "Term," when used in this Contract, means the Initial Term plus any exercised extension options under Section 2.2. If the commencement date of the Initial Term is before the signature date of the last party to execute this Contract, the parties will, for all purposes, deem the Contract to have been in effect as of the commencement date.
- 2.2. Extension Options. District may renew this Contract for up to two (2) additional periods of up to 1 year each (each an "Extension Option"). An Extension Option will be effective only upon execution by the Parties of a formal written amendment.

3. **Scope of Services**. Contractor will provide District with the services described in **Exhibit A** (4 pages), at the dates and times described on **Exhibit A** or, if **Exhibit A** contains no dates or time frames, then upon demand. The Services must comply with all requirements and specifications in the Solicitation.
4. **Key Personnel**. Contractor will employ suitably trained and skilled professional personnel to perform all consultant services under this Contract. Prior to changing any key personnel, especially those key personnel District relied upon in making this Contract, Contractor will obtain the approval of District. The key personnel include the following staff:

**Claire Zugmeyer**  
**Luke Cole**

5. **Compensation and Payment.**

- 5.1. Rates; Adjustment. District will pay Contractor at the rates set forth in **Exhibit A** (4 pages). Those rates will remain in effect during an Extension Option period unless Contractor, at least 90 days before the end of the then-existing Term, or at the time the District informs Contractor that the District intends to extend the Term, if that is earlier, notifies District in writing of any adjustments to those rates, and the reasons for the adjustments.
  - 5.2. Maximum Payment Amount. District's total payments to Contractor under this Contract, including any sales taxes, may not exceed \$134,174 per two year period, (the "NTE Amount"). The NTE Amount can only be changed by a formal written amendment executed by the Parties. Contractor is not required to provide any services, payment for which will cause the District's total payments under this Contract to exceed the NTE Amount; if Contractor does so, it is at the Contractor's own risk.
  - 5.3. Sales Taxes. The payment amounts or rates in **Exhibit A** do not include sales taxes. Contractor may invoice District for sales taxes that Contractor is required to pay under this Contract. Contractor will show sales taxes as a separate line item on invoices.
  - 5.4. Timing of Invoices. Contractor will invoice District on a monthly basis unless a different billing period is set forth in **Exhibit A**. District must receive invoices no more than 30 days after the end of the billing period in which Contractor delivered the invoiced products or services to District. District may refuse to pay for any product or service for which Contractor does not timely invoice the District and, pursuant to A.R.S. § 11-622(C), will not pay for any product or service invoiced more than 6-months late.
  - 5.5. Content of Invoices. Contractor will include detailed documentation in support of its invoices and assign each amount billed to an appropriate line item.
  - 5.6. Invoice Adjustments. District may, at any time during the Term and during the retention period set forth in Section 22 below, question any payment under this Contract. If District raises a question about the propriety of a past payment, Contractor will cooperate with District in reviewing the payment. District may set-off any overpayment against amounts due to Contractor under this or any other contract between District and Contractor. Contractor will promptly pay to District any overpayment that District cannot recover by set-off.
6. **Insurance.** Contractor will procure and maintain at its own expense insurance policies (the "**Required Insurance**") satisfying the below requirements (the "**Insurance Requirements**") until all its obligations under this Contract have been met. The below Insurance Requirements are minimum requirements for this Contract and in no way limit Contractor's indemnity obligations under this Contract. The District in no way warrants that the required insurance is sufficient to protect the Contractor for liabilities that may arise from or relate to this Contract. If necessary, Contractor may obtain commercial umbrella or excess insurance to satisfy the Insurance Requirements.

6.1. Insurance Coverages and Limits: Contractor will procure and maintain, until all its obligations have been discharged, coverage with limits of liability not less than those stated below. Coverage must be placed with insurers acceptable to the District with A.M. Best rating of not less than A-VII, unless otherwise approved by the District.

6.1.1. Commercial General Liability (CGL) – Occurrence Form with limits not less than \$2,000,000 Each Occurrence and \$2,000,000 General Aggregate. Policy shall include coverage for liability arising from premises, operations, independent contractors, personal injury, bodily injury, broad form contractual liability and products-completed operations. Any standard coverages excluded from the CGL policy, such as products/completed operations, etc. shall be covered by endorsement or separate policy and documented on the Certificates of Insurance.

6.1.2. Business Automobile Liability – Coverage for bodily injury and property damage on any owned, leased, hired, and/or non-owned autos assigned to or used in the performance of this Contract with minimum limits not less than \$1,000,000 Each Accident.

6.1.3. Workers' Compensation and Employers' Liability – Statutory coverage for Workers' Compensation. Workers' Compensation statutory coverage is compulsory for employers of one or more employees. Employers Liability coverage with limits of \$1,000,000 each accident and \$1,000,000 each employee – disease.

6.1.4. Professional Liability (E & O) Insurance – This insurance is required for work from professionals whose coverage is excluded from the above CGL policy. The policy limits shall be not less than \$2,000,000 Each Claim and \$2,000,000 Annual Aggregate. The insurance shall cover professional misconduct or negligent acts of anyone performing any services under this contract.

6.2. Additional Coverage Requirements:

6.2.1. Claims Made Coverage: If any part of the Required Insurance is written on a claims-made basis, any policy retroactive date must precede the effective date of this Contract, and Contractor must maintain such coverage for a period of not less than three (3) years following Contract expiration, termination or cancellation.

6.2.2. Additional Insured Endorsement: The General Liability, Business Automobile Liability and Technology E&O Policies shall each be endorsed to include Pima County, its departments, districts, officials, agents, and employees as additional insureds with respect to liability arising out of the activities performed by or on behalf of the Contractor.

6.2.3. Subrogation Endorsement: The General Liability, Business Automobile Liability, Workers' Compensation and Technology E&O Policies shall each contain a waiver of subrogation endorsement in favor of Pima County, and its departments, districts, officials, agents, and employees for losses arising from work performed by or on behalf of the Contractor.

- 6.2.4. Primary Insurance Endorsement: The Required Insurance policies must stipulate that they are primary and that any insurance carried by District, or its agents, officials, or employees, is excess and not contributory insurance.
- 6.2.5. The Required Insurance policies may not obligate District to pay any portion of Contractor's deductible or Self Insurance Retention (SIR).
- 6.2.6. Subcontractors: Contractor must either (a) include all subcontractors as additional insureds under its Required Insurance policies, or (b) require each subcontractor to separately meet all Insurance Requirements and verify that each subcontractor has done so, Contractor must furnish, if requested by District, appropriate insurance certificates for each subcontractor. Contractor must obtain District's approval of any subcontractor request to modify the Insurance Requirements as to that subcontractor.
- 6.3. Notice of Cancellation:  
Contractor must notify District, within two (2) business days of Contractor's receipt of notice from an insurer, if any Required Insurance policy is suspended, voided, or cancelled for any reason. Notice must include District's project or contract number and project description.
- 6.4. Verification of Coverage:
  - 6.4.1. Contractor must furnish District with a certificate of insurance (valid ACORD form or equivalent approved by Pima County) for each Required Insurance policy, which must specify that the policy has all the required endorsements, and must include the District project or contract number and project description. Each certificate must be signed by an authorized representative of the insurer.
  - 6.4.2. District may at any time require Contractor to provide a complete copy of any Required Insurance policy or endorsement. Note: Contractors for larger projects must provide actual copies of the additional insured and subrogation endorsements.
  - 6.4.3. Contractor must provide the certificates to District before work commences. Each Required Insurance policy must be in effect at least 10 days before work under this Contract commences. Contractor must provide District a renewal certificate not less than 15 days prior to a Required Insurance policy's expiration date. Failure to maintain the Required Insurance policies, or to provide evidence of renewal, is a material breach of this Contract.
  - 6.4.4. All insurance certificates must be sent directly to the appropriate County Department.
- 6.5. Approval and Modifications:  
The Pima County Risk Manager may modify the Insurance Requirements at any point during the Term of this Contract. This can be done administratively, with written notice from the Risk Manager and does not require a formal Contract amendment. Neither the District's failure to obtain a required insurance certificate or

endorsement, the District's failure to object to a non-complying insurance certificate or endorsement, nor the District's receipt of any other information from the Contractor, its insurance broker(s) and/or insurer(s), constitutes a waiver of any of the Insurance Requirements.

7. **Indemnification.** To the fullest extent permitted by law, Contractor will defend, indemnify, and hold harmless Pima County and any related taxing district, and the officials and employees of each of them (collectively, "Indemnatee") from and against any and all claims, actions, liabilities, losses, and expenses (including reasonable attorney fees) (collectively, "Claims") arising out of actual or alleged injury of any person (including death) or loss or damage to tangible or intangible property caused, or alleged to be caused, in whole or in part, by any act or omission of Contractor or any of Contractor's directors, officers, agents, employees, volunteers, or subcontractors. This indemnity includes any claim or amount arising or recovered under the Workers' Compensation Law or arising out of the failure of Contractor to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. The Indemnatee will, in all instances, except for Claims arising solely from the acts or omissions of the Indemnatee, be indemnified by Contractor from and against any and all Claims. Contractor is responsible for primary loss investigation, defense and judgment costs for any Claim to which this indemnity applies. This indemnity will survive the expiration or termination of this Contract.
8. **Laws and Regulations.**
  - 8.1. Compliance with Laws. Contractor will comply with all federal, state, and local laws, rules, regulations, standards and Executive Orders.
  - 8.2. Licensing. Contractor warrants that it is appropriately licensed to provide the services under this Contract and that its subcontractors will be appropriately licensed.
  - 8.3. Choice of Law; Venue. The laws and regulations of the State of Arizona govern the rights and obligations of the parties under this Contract. Any action relating to this Contract must be filed and maintained in the appropriate court of the State of Arizona in Pima County.
9. **Independent Contractor.** Contractor is an independent contractor. Neither Contractor, nor any of Contractor's officers, agents or employees will be considered an employee of Pima County for any purpose or be entitled to receive any employment-related benefits, or assert any protections, under the Pima County Merit System. Contractor is responsible for paying all federal, state and local taxes on the compensation received by Contractor under this Contract and will indemnify and hold District harmless from any and all liability that District may incur because of Contractor's failure to pay such taxes.
10. **Subcontractors.** Contractor is fully responsible for all acts and omissions of any subcontractor, and of persons directly or indirectly employed by any subcontractor, and of persons for whose acts any of them may be liable, to the same extent that the Contractor is responsible for the acts and omissions of its own employees. Nothing in this Contract creates any obligation on the part of District to pay or see to the payment of any money due any subcontractor, except as may be required by law.

11. **Assignment.** Contractor may not assign its rights or obligations under this Contract, in whole or in part, without the District's prior written approval. District may withhold approval at its sole discretion.
12. **Non-Discrimination.** Contractor will comply with all provisions and requirements of Arizona Executive Order 2009-09, which is hereby incorporated into this contract, including flow-down of all provisions and requirements to any subcontractors. During the performance of this Contract, Contractor will not discriminate against any employee, client or any other individual in any way because of that person's age, race, creed, color, religion, sex, disability or national origin.
13. **Americans with Disabilities Act.** Contractor will comply with Title II of the Americans with Disabilities Act (Public Law 110-325, 42 U.S.C. §§ 12101-12213) and the federal regulations for Title II (28 CFR Part 35).
14. **Authority to Contract.** Contractor warrants its right and power to enter into this Contract. If any court or administrative agency determines that District does not have authority to enter into this Contract, District will not be liable to Contractor or any third party by reason of such determination or by reason of this Contract.
15. **Full and Complete Performance.** The failure of either party to insist, in one or more instances, upon the other party's complete and satisfactory performance under this Contract, or to take any action based on the other party's failure to completely and satisfactorily perform, is not a waiver of that party's right to insist upon complete and satisfactory performance, or compliance with any other covenant or condition in this Contract, either in the past or in the future. The acceptance by either party of sums less than may be due and owing it at any time is not an accord and satisfaction.
16. **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.
17. **Termination by District.**
  - 17.1. Without Cause. District may terminate this Contract at any time without cause by notifying Contractor, in writing, at least 30 days before the effective date of the termination. In the event of such termination, District's only obligation to Contractor will be payment for services rendered prior to the date of termination.
  - 17.2. With Cause. District may terminate this Contract at any time without advance notice and without further obligation to District when District finds Contractor to be in default of any provision of this Contract.
  - 17.3. Non-Appropriation. Notwithstanding any other provision in this Contract, District may terminate this Contract if for any reason there are not sufficient appropriated and available monies for the purpose of maintaining District or other public entity obligations under this Contract. In the event of such termination, District will have no further obligation to Contractor, other than to pay for services rendered prior to termination.



18. **Notice.** Any notice required or permitted to be given under this Contract must be in writing and be served by personal delivery or by certified mail upon the other party as follows:

**District:**

Suzanne Shields, P.E. Director  
201 N. Stone Ave., 9<sup>th</sup> Floor  
Tucson, AZ 85701

**Contractor:**

Sonoran Institute  
100 N. Stone Ave., Ste 1001  
Tucson, AZ 85701

19. **Non-Exclusive Contract.** Contractor understands that this Contract is nonexclusive and is for the sole convenience of District. District reserves the right to obtain like services from other sources for any reason.
20. **Remedies.** Either party may pursue any remedies provided by law for the breach of this Contract. No right or remedy is intended to be exclusive of any other right or remedy and each is cumulative and in addition to any other right or remedy existing at law or at equity or by virtue of this Contract.
21. **Severability.** Each provision of this Contract stands alone, and any provision of this Contract found to be prohibited by law will be ineffective to the extent of such prohibition without invalidating the remainder of this Contract.
22. **Books and Records.** Contractor will keep and maintain proper and complete books, records and accounts, which will be open at all reasonable times for inspection and audit by duly authorized representatives of District. In addition, Contractor will retain all records relating to this Contract for at least five (5) years after its expiration or termination or, if later, until any related pending proceeding or litigation has concluded.
23. **Public Records.**
- 23.1. **Disclosure.** Pursuant to A.R.S. § 39-121 et seq., and A.R.S. § 34-603(H) in the case of construction or Architectural and Engineering services procured under A.R.S. Title 34, Chapter 6, all documents submitted in response to the solicitation resulting in award of this Contract, including, but not limited to, pricing schedules, product specifications, work plans, and any supporting documents, are public records. As such, those documents are subject to release and/or review by the general public upon request, including competitors.
- 23.2. **Records Marked Confidential; Notice and Protective Order.** If Contractor reasonably believes that some of those records contain proprietary, trade-secret or otherwise-confidential information, Contractor must prominently mark those records "CONFIDENTIAL." In the event a public-records request is submitted to District for records marked CONFIDENTIAL, District will notify Contractor of the request as soon as reasonably possible. District will release the records 10 business days after the date of that notice, unless Contractor has, within that period, secured an appropriate order from a court of competent jurisdiction, enjoining the release of the records. District will not, under any circumstances, be responsible for securing such an order, nor will District be in any way financially responsible for any costs associated with securing such an order.

**24. Legal Arizona Workers Act Compliance.**

24.1. Compliance with Immigration Laws. Contractor hereby warrants that it will at all times during the term of this Contract comply with all federal immigration laws applicable to its employment of its employees, and with the requirements of A.R.S. § 23-214 (A) (together the "State and Federal Immigration Laws"). Contractor will further ensure that each subcontractor who performs any work for Contractor under this Contract likewise complies with the State and Federal Immigration Laws.

24.2. Books & Records. District has the right at any time to inspect the books and records of Contractor and any subcontractor in order to verify such party's compliance with the State and Federal Immigration Laws.

24.3. Remedies for Breach of Warranty. Any breach of Contractor's or any subcontractor's warranty of compliance with the State and Federal Immigration Laws, or of any other provision of this section, is a material breach of this Contract subjecting Contractor to penalties up to and including suspension or termination of this Contract. If the breach is by a subcontractor, and the subcontract is suspended or terminated as a result, Contractor will be required to take such steps as may be necessary to either self-perform the services that would have been provided under the subcontract or retain a replacement subcontractor, as soon as possible so as not to delay project completion. Any additional costs attributable directly or indirectly to such remedial action are the responsibility of Contractor.

24.4. Subcontractors. Contractor will advise each subcontractor of District's rights, and the subcontractor's obligations, under this Section 24 by including a provision in each subcontract substantially in the following form:

"Subcontractor hereby warrants that it will at all times during the term of this contract comply with all federal immigration laws applicable to

Subcontractor's employees, and with the requirements of A.R.S. § 23-214 (A). Subcontractor further agrees that District may inspect the Subcontractor's books and records to insure that Subcontractor is in compliance with these requirements. Any breach of this paragraph by Subcontractor is a material breach of this contract subjecting Subcontractor to penalties up to and including suspension or termination of this contract."

25. **Israel Boycott Certification.** Pursuant to A.R.S. § 35-393.01, if Contractor engages in for-profit activity and has 10 or more employees, and if this Contract has a value of \$100,000.00 or more, Contractor certifies it is not currently engaged in, and agrees for the duration of this Contract to not engage in, a boycott of goods or services from Israel. This certification does not apply to a boycott prohibited by 50 U.S.C. § 4842 or a regulation issued pursuant to 50 U.S.C. § 4842.

26. **Forced Labor of Ethnic Uyghurs.** Pursuant to A.R.S. § 35-394, if Contractor engages in for-profit activity and has 10 or more employees, Contractor certifies it is not currently using, and agrees for the duration of this Contract to not use (1) the forced labor of ethnic Uyghurs in the People's Republic of China; (2) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; and (3) any contractors, subcontractors

or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China. If Contractor becomes aware during the term of the Contract that the Company is not in compliance with A.R.S. § 35-394, Contractor must notify the District within five business days and provide a written certification to District regarding compliance within one hundred eighty days.

27. **Amendment.** The parties may modify, amend, alter or extend this Contract only by a written amendment signed by the parties.
28. **Entire Agreement.** This document constitutes the entire agreement between the parties pertaining to the subject matter it addresses, and this Contract supersedes all prior or contemporaneous agreements and understandings, oral or written.

This agreement will become effective when all parties have signed it. The effective date of the agreement will be the date this agreement is signed by the last party (as indicated by the date associated with that party's signature).

**PIMA COUNTY FLOOD CONTROL DISTRICT      CONTRACTOR**

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

\_\_\_\_\_  
Date

ATTEST

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

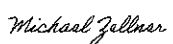
\_\_\_\_\_  
Date

APPROVED AS TO FORM

  
\_\_\_\_\_  
Deputy County Attorney

Kyle Johnson  
\_\_\_\_\_  
Print DCA Name

9/14/2022  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Authorized Officer Signature

CEO, Sonoran Institute

\_\_\_\_\_  
Printed Name and Title

Sep 21, 2022  
\_\_\_\_\_  
Date

**Scope of Services**  
**Sonoran Institute – Living River Project**  
**Project Period November 1, 2022 through October 31, 2024**

**Task 1: Oversight, Implementation, and Outreach**

**1.1: Project and Partner Coordination**

- Provide project oversight, management, and coordination
- Coordinate project meetings with staff and selected partners
- Provide regular reports and meeting notes/summaries

**1.2: Living River Report**

- Coordinate and implement the fall 2022 and 2023 fish surveys that provides data for the 2022 and 2023 water years.
- Coordinate with the District and Pima County on priority focus areas for the annual report, including implementation and planning of projects adjacent to the River, such as the Santa Cruz River Management Plan, the Loop and capital improvements.
- Lead data synthesis, writing, and production of the report for 2022 and 2023 water years (includes report design and printing, direct mail of ~11,000 reports).
- Prepare an online supplemental report that will provide status of the following indicators:
  - Water Quality
  - Water Clarity
  - Flow Extent and Water Budget
  - Aquatic Wildlife (Macroinvertebrates and Fish)
  - Social Impacts
  - Pima County RFCD and RWRD riparian and maintenance projects along the river

**1.3: Community Outreach (ongoing throughout duration of the project)**

- Develop and implement community presentations sharing project information particularly focused on reports,
- Respond to and develop content for media inquiries.
- Promote project on Sonoran Institute website
- Estimate outreach impact by tracking report downloads and estimated reach with project activities including presentations, events, Living River of Words. The metrics to gage success include:
  - Number of Living River Annual Reports prepared and distributed.
  - Number of members of the public participating in outreach events.
  - Number of web hits and downloads.

**1.4 Implement a community outreach event that will raise visibility of the river and encourage stewardship interest.**

- Implement a community outreach event (such as a river clean up, planting event, or arts project) that will raise visibility of the river and encourage stewardship interest.

### **1.5 Implement trash categorization project**

- Lead an assessment to determine the volume and categories of trash—essential components needed to address local riparian trash conditions. Throughout 2021 and 2022, Sonoran Institute has coordinated with the District to identify the needs around trash, assemble a team, coordinate with partners, and ground-test a methodology to quantitatively and qualitatively assess the trash in the Santa Cruz River, washes, and major tributaries. Sonoran Institute proposes an annual trash sampling protocol that will collect 125–150 quadrats (typically 10m x 10m) between the months of September and May.
- Develop a database of trash abundance and weight, broken down by category will be created. This database is available to Pima County through Sonoran Institute online hosting.
- Analyze and geocode trash data to allow for assessments of spatial distribution, source tracking, and changes in trash load over time.
- When possible, coordinate trash study to coincide with trash cleanup activities.
- Implement community outreach activities that will raise visibility of the trash cleanup efforts that RFCD is doing and encourage stewardship interests.

### **Additional Provisions –**

- a. **Inclusion of Two Pages in the Annual Report focused on the Heritage Reach:** Sonoran Institute and the District understand that the Living Annual Report is funded in part by Tucson Water, and that two pages of the annual report will be directed to the Heritage Reach. The remaining ten pages will focus on the priorities of the District and Pima County. There will be no expectation of parallel content.
- b. **Inclusion of the Heritage Reach Outside the two pages funded by Tucson Water:** Any inclusion or mention of the Heritage reach outside the two pages funded by Tucson Water must be approved by the District and Pima County.
- a. **Sponsorship of Santa Cruz River Research Days:** Pima County Flood Control District and Pima County Regional Wastewater Reclamation Department will sponsor the annual event with this contract in lieu of a mid-fiscal year request.

### **Living River Project™ Intellectual Property and Communication Guidelines –**

Living River™ Reports were launched in 2007 when Sonoran Institute began tracking conditions of the stretch of the Santa Cruz River in Santa Cruz County that flows year round. This annual series was expanded in cooperation with Pima County and the Pima County Regional Flood Control District to include the flowing reach near Tucson in 2012. Tasks and activities performed in the scope of work under this Contract are thus part of the “Living River Project™,” designed to evaluate and communicate to the public the environmental health and water quality of the Santa Cruz River in northwest Tucson and Marana.

The parties acknowledge that Sonoran Institute owns the trade name and service mark "Living River™" for its Santa Cruz River work and programs which predate and are beyond the scope of this Contract. However, Sonoran Institute grants Pima County and the Pima County Regional Flood Control District a cost-free, non-transferable, irrevocable license to use the trade names "Living River™" and "Living River Project™" during the term of this Contract (including all renewals and extensions). Sonoran Institute also shall acknowledge support of Pima County and the Pima County Regional Flood Control District for all materials and work produced under this Contract. Pima County and the Pima County Regional Flood Control District shall note in its relevant publications that the trade names "Living River™" and "Living River Project™" are property of Sonoran Institute and used with permission.

Sonoran Institute acknowledges that Pima County and the Pima County Regional Flood Control District have, with Sonoran Institute's support and beginning in 2015, independently funded and implemented a project called the Living River of Words, including a contest called the Living River of Words Art and Poetry Contest. Sonoran Institute grants Pima County and the Pima County Regional Flood Control District a cost-free, irrevocable, non-transferable, license to continue to use the trade name "Living River™" in connection with its Living River of Words project, including the Living River of Words Art and Poetry Contest, which license will survive the termination of this Contract.

Sonoran Institute acknowledges that access to gather data in the study reach of the Santa Cruz River requires written authorization for all District and Pima County-owned property on the Santa Cruz River, which can be obtained through the District. Written authorization is not required when Sonoran Institute staff are accompanied by Pima County Staff.

**Budget for 2022 and 2023 Water Years****2022 Water Year**

<b>Task</b>	<b>Hours</b>	<b>Unit</b>	<b>Total</b>
<b>Project and partner coordination</b>			
Services	225	\$67.16	\$15,111
<b>Living River Report</b>			
Services	325	\$67.16	\$21,827
Printing and Postage		½ of 11,000 mailed	\$5,150
<b>Community engagement event</b>			
Services	75	\$67.16	\$5,037
<b>Community outreach</b>			
Services	60	\$67.16	\$4,030
<b>Trash Survey</b>			
Services	200	\$67.16	\$13,432
<b>Sponsorship: Research Days</b>			\$2,500
<b>Total</b>			<b>\$67,087</b>

**2023 Water Year**

<b>Task</b>	<b>Hours</b>	<b>Unit</b>	<b>Total</b>
<b>Project and partner coordination</b>			
Services	225	\$67.16	\$15,111
<b>Living River Report</b>			
Services	325	\$67.16	\$21,827
Printing and Postage		½ of 11,000 mailed	\$5,150
<b>Community engagement event</b>			
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