

RESOLUTION NO. 196 - 2022
OF THE GOVERNING BODY OF THE
YAVAPAI-APACHE NATION

A Resolution Authorizing the Nation to Submit an Application for Grant Funding to the Catena Foundation to Fund the Nation's Verde River Riparian Restoration Project and Completion of a Feasibility Study for Development of a Native Plant Species Nursery and Composting Facility

WHEREAS: The Yavapai-Apache Tribal Council ("Council") is authorized to represent the Yavapai-Apache Nation ("Nation") and act on all matters that concern the health and welfare of the Nation, and to make decisions not inconsistent with or contrary to the Constitution of the Yavapai-Apache Nation ("Constitution") as provided under Article V(a) of the Constitution; and

WHEREAS: The Council is authorized to negotiate and enter into agreements with federal, state and local governments and to accept grant funds as provided under Article V (b) and (s), respectively, of the Constitution; and

WHEREAS: The Council is authorized to manage all tribal economic affairs and to appropriate and regulate the use of the Nation's funds as provided under Article V (i) and (k), respectively, of the Constitution; and

WHEREAS: The Nation's Contracts and Grants Manager recommends that the Nation apply for grant funding as follows:

- (1) Funding Agency: The Catena Foundation
- (2) Amount of funding application: \$371,110.00
- (3) Term of grant: 2 years
- (4) Matching funds: None Required
- (5) Nation's Department or Program administering the grant: Environmental Protection Department
- (6) Purpose and use of grant funds: The Nation will use the funds to fund a 2-person Verde River Riparian Restoration Project crew for 2-years, and to prepare a study to determine the feasibility of establishing a native species plant nursery and composting business for the Nation.
- (7) Budget attached or not required: Attached

WHEREAS: The Tribal Council finds it in the Nation's best interest to authorize submission of the above-described application for Funding.

NOW THEREFORE BE IT RESOLVED that the Yavapai-Apache Nation Tribal Council, in Council assembled, at which a quorum is present, hereby authorizes the Nation apply to the Catena Foundation for grant funding to in the amount and for the term described above.

BE IT FURTHER RESOLVED that the Nation agrees that it will comply with all program and grant guidelines applicable to the above referenced grant program and the certifications required in the grant application; and

BE IT FURTHER RESOLVED that the Council authorizes the Nation's Contracts and Grants Manager to take all actions necessary to complete the funding application and to submit all necessary information to the funding agency in furtherance of the authorized funding application, and authorizes the Nation to receive and expend the funds in accordance with the grant requirements and the Nation's Budget Code and Financial Policies.

BE IT FINALLY RESOLVED that the Chairwoman and Vice-Chairman, or either of them, are hereby authorized to take such further action as deemed necessary to carry out the intent and purposes of this Resolution.


CERTIFICATION

I hereby certify that the foregoing resolution was adopted by an affirmative vote of the Tribal Council, with a quorum in attendance, presented for approval on November 3 2022, by a vote of 8 in favor, 0 opposed and 0 abstaining, pursuant to the authority contained under the Constitution of the Yavapai-Apache Nation as cited above.



Tanya Lewis, Chairwoman

ATTEST:



Karla Reimer, Council Secretary

Approved as to form:



Office of the Attorney General

EXHIBIT A

**Yavapai-Apache Nation
Grant Application**

**Catena Foundation
(EPD Verde River Riparian Restoration Project)**

November 3, 2022

Organization Information

Organization Legal Name: Yavapai Apache Nation

Organization Address: 2400 Datsi Street
Camp Verde
AZ 86322
United States

Organization Telephone: 9286496952

Tax ID Number (EIN): 86-0210241

Organization Website:

Application Contact: Nancy Ruiz

Email: nruiz@yan-tribe.org

Concept Details

Brief Description of the Proposed Project

The Verde River is 140 river miles long and is primarily perennial –a unique occurrence in Arizona today. Portions of the Verde River (upstream of the YAN Reservation) represent one of only two “Wild and Scenic Rivers” designations in Arizona. The Verde River provides habitat for a diversity of aquatic and riparian-dependent species. At least 13 native fish species historically occurred in the Verde River watershed and 12 species persist today, including the federally listed spinedace and loach minnow fish, each of which has critical habitat designated under the Endangered Species Act along segments of the Verde River. The Verde River and its tributaries also support a diversity of wildlife species, with a high density of breeding birds per acre and records of over 200 resident and neo-tropical migratory bird species. Federally-listed and candidate species such as the southwestern willow flycatcher and yellow-billed cuckoo depend on its woody riparian forests, while the river also supports large numbers of Bald Eagle, river otters, and beavers.

Thick stands of Tamarisk and Tree of Heaven are crowding out the remaining native stands of riparian and wetland vegetation providing lower wildlife habitat throughout the riparian area. Approximately 50% of the project site is degraded due to their encroachment. Water quality and water quantity impacts occur as these invasive species begin to out-compete the native species. Because of large water requirements and deep root systems, the invasive trees dry up springs and reduce seasonal flows by lowering the ground water table. The Tamarisk increases the salinity of surface soil and water rendering the soil inhospitable to native plant species. The saline soils have also caused the loss of grasses and natural ground cover, which has increased erosion and sedimentation.

To assist in the restoring of the Verde River, the Yavapai-Apache Nation’s Environmental Protection Department began an on-going riparian restoration project in 2014. The project consists of several steps; 1. Identification of Invasive Species 2. Removal of Invasive Species 3. Treat using EPA approved herbicides 4. Re-vegetate with native species 5. Continue to monitor treated areas.

Within the past three years, regrowth has occurred in areas already treated. That regrowth has demonstrated that a comprehensive approach is needed to permanently remove the invasive trees; this includes more manpower and better treatment techniques. The areas includes Upper Cloverleaf, Middle Verde, and Camp Verde, along the Verde River.

Utilizing Tribal labor, we have been working to eradicate the non-native species and re-vegetate with native plant species.

With assistance from The Catena Foundation, the Nation will be able to continue it’s work in restoring the health of the River but with more efficiency by; expanding the crew, purchasing additional equipment, and developing a native plant nursery. The development of the nursery will allow us to grow native trees as well as culturally significant plants. The plants, which were once available in abundance to the Yavapai-Apache people, are now scarce, and will be used in ongoing native plant re-establishment activities that are being implemented along the Verde River.

Include a basic description and history of the organization. Please also note the other organizations with which you are collaborating.

Yavapai-Apache Nation, Environmental Protection Department - "The federally recognized Yavapai-Apache Nation is the modern amalgamation of two culturally distinct and linguistically unique tribes, the Yuman speaking Yavapai and the Athabascan speaking Dilzhe'e Apache, also known in the literature as the Tonto Apache. Both groups overlapped geographically along the Verde River from its start to the northwest through its course into the Phoenix basin. The Yavapai lived mostly west of the River, while the Dilzhe'e lived mostly east."

The mission of Yavapai-Apache Nation's Environmental Protection Department is to protect natural resources and human health within the community through education, planning, habitat restoration, regulation, and other efforts that support the Nation's traditions of environmental stewardship.

Friends of the Verde River - "During the spring of 2007, a group of long-time river activists wanted to take a more "hands-on" approach to protect the longest free-flowing stream in Arizona, the Verde River. At the same time, Arizona State Parks was seeking a non-governmental partner to assist with conservation and public outreach efforts to support the Verde River Greenway State Natural Area. Friends of the Verde River (at that time called Friends of Verde River Greenway) emerged as an affiliate of Arizona State Parks committing to river restoration and enhancement projects as well as introductory canoe trips on the river. In December 2011, Friends of the Verde River (at that time called Friends of Verde River Greenway) was established as a 501(c)3 and became independent of Arizona State Parks Foundation. Friends of the Verde River works collaboratively for a healthy, flowing Verde River system. We focus our work on restoring habitat, sustaining river flows, and building supportive communities. We proactively engage in a combination of "boots-on-the-ground" projects and policy solutions guided by sound conservation principles and which meet human and environmental needs in an outcomes-oriented manner."

Project and Organization Management - List the 1-3 people involved in managing the project and give 2-4 sentence bios.

David Lewis, Environmental Manager, began his career with the Yavapai-Apache Nation as the Environmental Specialist under the Utility Authority in 2010. In 2014, the Tribal Council passed a resolution to establish Environmental Protection as its own department and David was promoted to the Manager. After establishing the department, David was able to successfully create new positions that allowed the department to grow. David currently manages projects involving the General Assistance Program, Non-Point Source Pollution, Clean Water Act 106, solid waste and sustainability, and environmental code implementation.

Nancy Ruiz, Environmental Supervisor, began working for the Yavapai-Apache Nation in 2016 as the Environmental Specialist where she was employed for 2 years assigned to projects such as; recycling, outreach and education, water quality, and riparian restoration before leaving to continue her education. At the end of 2021, she came back to the Nation to pick up where she left off as the Environmental Supervisor. Nancy currently works on and assists with the management of the General Assistance Program, Clean Water Act 106, Non-Point Source Pollution 319, solid waste and sustainability, and environmental code implementation.

Jason Fullmer, Lead Environmental Technician, began his career with the Yavapai-Apache Nation as a noxious weed laborer under the Agriculture Department in 2013. In 2014, Jason transferred to the Environmental Protection Department where he was hired on as an Environmental Technician to work on the original riparian restoration project. In 2016, Jason was promoted to Lead Environmental Technician, and currently holds this position. His position requires him to oversee the Technician crew and ensure the responsibilities of the restoration work is being completed efficiently.

Outcomes

The key outcomes we hope to accomplish are to remove a large amount of invasive plant species that are known to have detrimental effects on the Verde River. In addition, we hope to successfully reintroduce many of the once dominant Native species back into the land; primarily Cottonwood and Willow trees.

A) Metrics that will be used to evaluate that the work was performed effectively:

1. Documentation: Submission of data maps for visual reference of riparian areas including before, during, and after photos of each proposed area.
2. A measurable amount of invasive plants that are being removed; with a goal of 200-300 tons after two years.
3. Challenges faced and how/if we overcame them.
4. Completion of a feasibility study

B) Metrics that will be used to determine the impact that the work had on proposed outcomes:

1. Review of areas treated; what species grew back (if any), in what quantity, and/or did the Native species thrive after being reintroduced.
2. Final ecological report that will be done by a professional ecologist to show the impact that the work has had on the riparian area including the Verde River.

Client/Market for this Work

The Yavapai-Apache Nation's tribal riparian areas along the Verde River, is the target of the planned project including the water quality and quantity within the river. The beneficiaries of this work includes; the Yavapai-Apache Nation and it's tribal community members, the local surrounding community members, and the downstream users. This project would assist in the assurance of riparian habitat and water sustainability for the Yavapai-Apache people and the ecosystem that relies on it.

Coordination/Partners

YAN has previously partnered with several funding agencies including EPA, USFWS, NRCS and BIA in invasive species control projects. The proposed project will be in close proximity or immediately adjacent to existing restoration projects conducted by the Nation, thus potentially providing a larger contiguous restored habitat.

The YAN EPD continues to work with other stakeholders such as; RiversEdge West, Friends of the Verde River and the Verde Watershed Restoration Coalition. Training by Friends of the Verde River continues to be provided for free, if awarded Catena funds, the Friends would be contacted for additional skills training, data logging, etc.

Please list any other organizations that provide similar programs or services to your direct beneficiaries and describe how your program or service is different.

Friends of the Verde River is a non-profit organization that supports the health of the Verde River through collaborative efforts, outreach, and habitat restoration. They are similar to us in that they provide corresponding efforts to the same beneficiaries. The difference is that their focus is primarily on state lands whereas our focus is on tribal lands. The Yavapai-Apache Nation is in charge of managing its own land. Therefore, often gets overlooked and excluded from projects that may occur along the Verde River. Friends has always been willing to work alongside our department to accomplish the overall goal of Verde River restoration. However, their main focus is the state owned riparian areas that are adjacent to our boundaries. Our department will be able to focus on Tribal lands while collaborating with Friends on the overall wellness of the River.

Project Risks

Based on the work described in this project, there are no identifiable risks that would prevent the successful completion of the project goals.

Attachments

Other additional narrative as necessary to explain the project or organization (optional)

Other additional supporting illustrations or exhibits (e.g. maps, logic models, etc.) (optional)

Map_of_Project_Areas.pdf
1.3 MB - 08/19/2022 15:53

Total Files: 1

By submitting this request for funding, the applying organization acknowledges that Catena Foundation has not previously made any promise to provide the funding requested herein and that the requesting organization has not relied to its detriment upon any statement by Catena Foundation or its representatives, to obtain the funding requested herein. The requesting organization further acknowledges that any approval of its grant application will be communicated only by an authorized representative of Catena Foundation and funding is contingent upon execution of a written grant agreement between the requesting organization and Catena Foundation

I agree

Request Budget

Request Budget

Requested Amount: \$371,110.00

Budget

	Year One		Year Two		TOTALS		
	PROJECT BUDGET	REQUEST	PROJECT BUDGET	REQUEST	PROJECT BUDGET	REQUEST	% (Total)
PERSONNEL EXPENSES							
Salaries: Environmental Technician (1) \$17.50 x 2080 hours (FT)	\$36,400.00	\$36,400.00	\$36,400.00	\$36,400.00	\$72,800.00	\$72,800.00	100%
Salaries: Environmental Technician (2) \$17.50 x 2080 hours (FT)	\$36,400.00	\$36,400.00	\$36,400.00	\$36,400.00	\$72,800.00	\$72,800.00	100%
Benefits: Fringe for Environmental Technician (1) \$34,000.00 x 20%	\$7,280.00	\$7,280.00	\$7,280.00	\$7,280.00	\$14,560.00	\$14,560.00	100%
Benefits: Fringe for Environmental Technician (1) \$34,000.00 x 20%	\$7,280.00	\$7,280.00	\$7,280.00	\$7,280.00	\$14,560.00	\$14,560.00	100%
Salaries: Environmental Manager \$27.00 x 8 hours per week x 12 weeks	\$2,592.00	\$2,592.00	\$0.00	\$0.00	\$2,592.00	\$2,592.00	100%
Salaries: Environmental Supervisor \$21.08 x 8 hours per week x 12 weeks	\$2,024.00	\$2,024.00	\$0.00	\$0.00	\$2,024.00	\$2,024.00	100%
Salaries: Environmental Specialist \$18.50 x 8 hours per week x 12 weeks	\$1,776.00	\$1,776.00	\$0.00	\$0.00	\$1,776.00	\$1,776.00	100%
Benefits: Fringe for Environmental Manager \$2592.00 x 20%	\$518.00	\$518.00	\$0.00	\$0.00	\$518.00	\$518.00	100%
Benefits: Fringe for Environmental Supervisor \$2024.00 x 20%	\$405.00	\$405.00	\$0.00	\$0.00	\$405.00	\$405.00	100%
Benefits: Fringe for Environmental Specialist \$1776.00 x 20%	\$355.00	\$355.00	\$0.00	\$0.00	\$355.00	\$355.00	100%
PERSONNEL SUBTOTAL	\$95,030.00	\$95,030.00	\$87,360.00	\$87,360.00	\$182,390.00	\$182,390.00	100%
DIRECT EXPENSES							

Supplies: Chainsaws, chain, bar, two-cycle mix, gloves, goggles, hardhat, fuel (diesel)	\$8,110.00	\$8,110.00	\$5,110.00	\$5,110.00	\$13,220.00	\$13,220.00	100%
Travel: Riparian Restoration Conference & Training- Registration, hotel, airfare, per diem, etc. x2	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$9,000.00	\$9,000.00	100%
Equipment: Heavy Equipment- Used Backhoe, Tandem axle dump trailer	\$85,000.00	\$85,000.00	\$0.00	\$0.00	\$85,000.00	\$85,000.00	100%
Other: Equipment repair/maintenance	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$7,000.00	\$7,000.00	100%
Supplies: Fence material, nursery arbor, miscellaneous nursery materials.	\$0.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	100%
DIRECT EXPENSES SUBTOTAL	\$101,110.00	\$101,110.00	\$23,110.00	\$23,110.00	\$124,220.00	\$124,220.00	100%
OVERHEAD SUBTOTAL	\$30,000.00	\$30,000.00	\$16,000.00	\$16,000.00	\$46,000.00	\$46,000.00	100%
PARTNER EXPENSES							
Consultants: Consultant costs for Nursery/Compost business development feasibility study	\$15,000.00	\$15,000.00	\$0.00	\$0.00	\$15,000.00	\$15,000.00	100%
Consultants: Final Ecological Report	\$0.00	\$0.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	100%
PARTNER SUBTOTAL	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	\$18,500.00	\$18,500.00	100%
EXPENSE TOTAL	\$241,140.00	\$241,140.00	\$129,970.00	\$129,970.00	\$371,110.00	\$371,110.00	100%
INCOME							
Request from Foundation: Requested from Catena (Pending)	\$241,140.00		\$129,970.00		\$371,110.00		
INCOME	\$241,140.00		\$129,970.00		\$371,110.00		

Personnel Expenses

Provide the number of full time equivalent employees for this project

2

List the name and titles of staff and the percentage of time spent on this project

Title: Environmental Technician x2 (staff not yet hired)
Time spent: 100%

Title: Environmental Manager, David Lewis
Time spent: 4.6%

Title: Environmental Supervisor
Time spent: 4.6%

Title: Environmental Specialist
Time spent: 4.6%

If applicable, explain how the Benefits expense was calculated

Benefits are calculated at 20% of total salary amount.

If applicable, provide details of the items included in the Other Personnel Expenses

N/A

Direct Expenses

Travel Expense: estimate the number of trips and the cost per trip

Two trips, one per funding year.

Registration cost per person: $\$355 \times 2 = \710.00

Hotel average cost per person: $\$800$ (5 days) $\times 2 = \$1,600.00$

Airfare average flight cost round-trip per person: $\$650 \times 2 = \$1,300$

Per Diem average cost per person: $\$65$ per day $\times 5$ days $= \$325 \times 2$ persons $= \$650.00$

Uber/Lyft/Shuttle to and from airport: $\$60$ round-trip $\times 2 = \$120.00$

Airport parking for 5 days (estimate): $\$24$ per day $\times 5 = \$120.00$

Total estimated cost: $\$4,500.00$

Meetings/Events Expense: Describe each meeting and/or event and the cost per meeting.

N/A

Provide a short description of the items included in the Other Direct Expenses

Equipment repair and maintenance costs: standard costs that the equipment incurs.

Overhead

Describe how the overhead expense was calculated.

Overhead expense is calculated at a rate of 12%. This is a standard determination rate negotiated by the Yavapai-Apache Nation and the Department of Interior Affairs, Bureau of Indian Affairs.

<p>Goal: To remove 100% of Invasive plant species that are found along the Verde River on tribal lands including, Tree of Heaven, Tamarisk, Giant Reed, and Russian Olive.</p>		
<p>Outputs</p>		
<p>What short-term actions or steps will help you progress towards your Outcome(s), and what will each action/step accomplish?</p>	<p>By when?</p>	<p>How will success be measured? What are the associated deliverables that will clearly demonstrate progress?</p>
<p>Tracking and recording the progress of removal of invasive plant species by the Environmental Technicians.</p>	<p>12/31/2024</p>	<p>Monthly progress before and after photos.</p>
<p>Outcomes</p>		
<p>What will be accomplished as a result of the Output(s) for this goal?</p>	<p>By when?</p>	<p>How will success be measured? What are the associated deliverables that will clearly demonstrate progress?</p>
<p>The removal of at least 85% of Invasive plant species found along the Verde River.</p>	<p>12/31/2024</p>	<p>This will be measured by the ecological assessment that will be done at the end of the project period and by the updated data maps that will show how much acreage has been successfully removed.</p>

<p>Goal: Re-vegetation of Native plant species including: Desert Willow, Coyote Willow, Cottonwood trees and culturally sensitive species.</p>		
<p>Outputs</p>		
<p>What short-term actions or steps will help you progress towards your Outcome(s), and what will each action/step accomplish?</p>	<p>By when?</p>	<p>How will success be measured? What are the associated deliverables that will clearly demonstrate progress?</p>
<p>Tracking and recording of the progress of re-vegetation of native plant species Environmental Technicians.</p>	<p>12/31/2024</p>	<p>The deliverables will include: -Monthly progress before and after photos. -A final ecological assessment that will determine if this work was beneficial to the riparian area.</p>
<p>Outcomes</p>		
<p>What will be accomplished as a result of the Output(s) for this goal?</p>	<p>By when?</p>	<p>How will success be measured? What are the associated deliverables that will clearly demonstrate progress?</p>
<p>The re-introduction of once dominant Native plant species that are home to the Verde River Riparian areas.</p>	<p>12/31/2024</p>	<p>The deliverables will include: -Monthly progress before and after photos. -A final ecological assessment that will determine if the work was beneficial to the riparian area.</p>

<p>Goal: To establish a successful nursery/compost operation that could generate income to subsidize the cost of salary and benefits for the Environmental Protection Department staff.</p>		
<p>Outputs</p>		
<p>What short-term actions or steps will help you progress towards your Outcome(s), and what will each action/step accomplish?</p>	<p>By when?</p>	<p>How will success be measured? What are the associated deliverables that will clearly demonstrate progress?</p>
<p>Identify and contract with a consultant that can conduct the feasibility study that will include demographics, marketability, operation and maintenance costs, and proforma.</p>	<p>07/31/2023</p>	<p>The deliverables will include: -regular check-in's with consultant -site visits to nursery area -Completed feasibility report created by consultant</p>
<p>Outcomes</p>		
<p>What will be accomplished as a result of the Output(s) for this goal?</p>	<p>By when?</p>	<p>How will success be measured? What are the associated deliverables that will clearly demonstrate progress?</p>
<p>The determination that a successful nursery and compost operation would create revenue to be used as a long term solution for funding towards the Environmental Protection Department employee salaries.</p>	<p>09/30/2023</p>	<p>The deliverable for this outcome would be a completed feasibility report and plans to implement it.</p>

Please, provide
supporting
documentation if
applicable: