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United States Department of the Interior

OFFICE OF THE SECRETARY
Washington, DC 20240

Indian Organization
Indirect Cost Negotiation Agreement

EIN: 88-0120723

Date: 01/19/2022

Organization:

Fallon Paiute-Shoshone Tribe
565 Rio Vista Drive
Fallon, NV 89406

Report Number: 2021-0858

Filing Ref.:
Last Negotiation Agreement
dated: 01/12/2021

The indirect cost rate contained herein is for use on grants, contracts, and other agreements with the Federal Government to which Public Law 93-638 and 2 CFR Part 200 apply subject to the limitations contained in 25 CFR 900 and Section II.A. of this agreement. The rate was negotiated by the U.S. Department of the Interior, Interior Business Center, and the subject organization in accordance with the authority contained in applicable regulations.

Section I: Rate

Start Date	End Date	Rate Type					
			Name	Rate	Base	Location	Applicable To
01/01/2022	12/31/2022	Fixed Carryforward	Indirect	32.53 %	(A)	All	All Programs

(A) Base: Total direct salaries and wages, excluding fringe benefits. The rate applies to all programs administered by the Tribe. To determine the amount of indirect costs to be billed under this agreement, direct salaries and wages should be summed and multiplied by the rate. All other program costs, including fringe benefits associated with direct salaries and wages, should be eliminated from the calculation.

Treatment of fringe benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs; fringe benefits applicable to indirect salaries and wages are treated as indirect costs.

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Section II: General

A. **Limitations:** Use of the rate(s) contained in this agreement is subject to any applicable statutory limitations. Acceptance of the rate(s) agreed to herein is predicated upon these conditions: (1) no costs other than those incurred by the subject organization were included in its indirect cost rate proposal, (2) all such costs are the legal obligations of the grantee/contractor, (3) similar types of costs have been accorded consistent treatment, and (4) the same costs that have been treated as indirect costs have not been claimed as direct costs (for example, supplies can be charged directly to a program or activity as long as these costs are not part of the supply costs included in the indirect cost pool for central administration).

B. **Audit:** All costs (direct and indirect, federal and non-federal) are subject to audit. Adjustments to amounts resulting from audit of the cost allocation plan or indirect cost rate proposal upon which the negotiation of this agreement was based will be compensated for in a subsequent negotiation.

C. **Changes:** The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was submitted. Changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate(s) in this agreement may require the prior approval of the cognizant agency. Failure to obtain such approval may result in subsequent audit disallowance.

D. **Rate Type:**

1. Fixed Carryforward Rate: The fixed carryforward rate is based on an estimate of the costs that will be incurred during the period for which the rate applies. When the actual costs for such period have been determined, an adjustment will be made to the rate for a future period, if necessary, to compensate for the difference between the costs used to establish the fixed rate and the actual costs.

2. Provisional/Final Rate: Within six (6) months after year end, a final indirect cost rate proposal must be submitted based on actual costs. Billings and charges to contracts and grants must be adjusted if the final rate varies from the provisional rate. If the final rate is greater than the provisional rate and there are no funds available to cover the additional indirect costs, the organization may not recover all indirect costs. Conversely, if the final rate is less than the provisional rate, the organization will be required to pay back the difference to the funding agency.

3. Predetermined Rate: A predetermined rate is an indirect cost rate applicable to a specified current or future period, usually the organization's fiscal year. The rate is based on an estimate of the costs to be incurred during the period. A predetermined rate is not subject to adjustment.

E. **Rate Extension:** Only final and predetermined rates may be eligible for consideration of rate extensions. Requests for rate extensions of a current rate will be reviewed on a case-by-case basis. If an extension is granted, the non-Federal entity may not request a rate review until the extension period ends. In the last year of a rate extension period, the non-Federal entity must submit a new rate proposal for the next fiscal period.

F. **Agency Notification:** Copies of this document may be provided to other federal offices as a means of notifying them of the agreement contained herein.

G. **Record Keeping:** Organizations must maintain accounting records that demonstrate that each type of cost has been treated consistently either as a direct cost or an indirect cost. Records pertaining to the costs of program administration, such as salaries, travel, and related costs, should be kept on an annual basis.

H. **Reimbursement Ceilings:** Grantee/contractor program agreements providing for ceilings on indirect cost rates or reimbursement amounts are subject to the ceilings stipulated in the contract or grant agreements. If the ceiling rate is higher than the negotiated rate in Section I of this agreement, the negotiated rate will be used to determine the maximum allowable indirect cost.

I. **Use of Other Rates:** If any federal programs are reimbursing indirect costs to this grantee/contractor by a measure other than the approved rate(s) in this agreement, the grantee/contractor should credit such costs to the

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affected programs, and the approved rate(s) should be used to identify the maximum amount of indirect cost allocable to these programs.

J. **Other:**

1. The purpose of an indirect cost rate is to facilitate the allocation and billing of indirect costs. Approval of the indirect cost rate does not mean that an organization can recover more than the actual costs of a particular program or activity.

2. Programs received or initiated by the organization subsequent to the negotiation of this agreement are subject to the approved indirect cost rate(s) if the programs receive administrative support from the indirect cost pool. It should be noted that this could result in an adjustment to a future rate.

3. Each Indian tribal government desiring reimbursement of indirect costs must submit its indirect cost proposal to our office within six (6) months after the close of the Tribe's fiscal year, unless an exception is approved.

Section III: Acceptance

Listed below are the signatures of acceptance for this agreement:

By the Indian Organization	By the Cognizant Federal Government Agency
Fallon Paiute-Shoshone Tribe	US Department of the Interior - BIA
DocuSigned by: Catherine Tuni 82D59E641DF8473...	DocuSigned by: Craig Wills B47DB1F4A5DB4BF...
Signature	Signature
Catherine Tuni	Craig Wills
Name:	Name:
	Division Chief Indirect Cost Services Division Interior Business Center
Chairman	
Title:	Title:
1/24/2022	1/20/2022
Date	Date

Negotiated by: Michael Dellwo
Telephone: (916) 930-3818

Next Proposal Due Date: 06/30/2022

FALLON PAIUTE-SHOSHONE TRIBE

Resolution No. 22-F-049

BE IT RESOLVED BY THE GOVERNING BODY OF THE FALLON PAIUTE-SHOSHONE TRIBE, THE FALLON BUSINESS COUNCIL, THAT:

WHEREAS: the Fallon Business Council is the recognized Governing Body of the Fallon Paiute-Shoshone Tribe and was established to exercise the privileges and powers of self-government, to conserve and develop the Tribe's resources for the social and economic well-being of its members, and to preserve and protect the civil rights of its members; and

WHEREAS: the Fallon Tribe is federally recognized by the United States Government and the Secretary of the Interior as a Native American Tribe, and by the power vested in the Tribal Constitution and Bylaws the Council has the authority to enter into contracts and administer any funds within the control of the Tribe; and

WHEREAS: the United States of Environmental Protection Agency (EPA) Region 9 has announced funding availability for purchase of air monitoring equipment through the Enhanced Air Quality Monitoring for Communities Competitive grant for FY2022; and

WHEREAS: the Tribe's Environmental Protection Department proposes to implement an ambient air program utilizing the Enhanced Air Quality Monitoring for Communities Competitive funds granted under the U.S. Environmental ARP Competitive Grant for $150,000; and

NOW THEREFORE BE IT RESOLVED that the Fallon Business Council hereby supports and approves the funding application for the U.S. Environmental Protection Agency FY2022 Enhanced Air Quality Monitoring for Communities Competitive grant and

BE IT FINALLY RESOLVED that the Chairman of the Fallon Business Council, or his designee in his absence, is hereby authorized to negotiate, sign any related documents, and to take any actions necessary to execute the intentions of this Resolution.

CERTIFICATION

The seven members of the Fallon Business Council, the Governing Body of the Fallon Paiute-Shoshone Tribe, five of which constitute a quorum, were consulted via telephone by **Council Poll 22-021** on the foregoing resolution; **5** members were available on the **24th** day of **March 2022**, and **VOTED 5 FOR, 0 AGAINST, and 0 ABSTENTION(S)**, in the adoption of this resolution, according to the powers vested by the Fallon Paiute-Shoshone Tribe's Constitution and By-Laws.

Margot Dyer

Margot Dyer, Secretary
Fallon Business Council

565 Rio Vista Drive • Fallon, NV 89406 • Tel 775-423-6075 • Fax 775-423-5202

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Fallon Paiute Shoshone Tribe

Address: 565 Rio Vista Drive

City: Fallon

State: NV: Nevada Zip Code: 89406

B. DUNS No. 081272478

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Human Resource Director, hrdirector@fpst.org, Fax: 775.423.5202, Tel: 775.423.6075
565 Rio Vista Drive, Fallon, NV 89406

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet Address for, or a copy of, the procedures.

Yes, the Fallon Paiute Shoshone Tribe adopted a Grievance Policy on December 11, 2018. The procedures can be found at www.fpst.org

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Cathi Tuni	Tribal Chairwoman	03/25/2022

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

*** See Instructions**

Instructions for EPA FORM 4700-4 (Rev. 06/2014)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973. The Executive Order 13166 (E.O. 13166) entitled; "Improving Access to Services for Persons with Limited English Proficiency" requires Federal agencies work to ensure that recipients of Federal financial assistance provide meaningful access to their LEP applicants and beneficiaries.

Items “Applicant” means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. “Recipient” means any entity, other than applicant, which will actually receive EPA assistance. 40 C.F.R. §§ 5.105, 7.25. “Civil rights lawsuits and administrative complaints” means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. “Civil rights compliance review” means any review assessing the applicant’s and/or recipient’s compliance with laws prohibiting discrimination on the basis of race, color, national origin, sex, age, or disability. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write “NA” for “Not Applicable.” In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification. * Note: Signature appears in the Approval Section of the EPA Comprehensive Administrative Review For Grants/Cooperative Agreements & Continuation/Supplemental Awards form.

I. Enhanced Air Quality Monitoring for Communities

1. Project Title

Fallon Paiute-Shoshone Tribe: Air Quality Monitoring for Communities

2. Applicant Information

   a. Organization: Fallon Paiute-Shoshone Tribe

   b. Address: 565 Rio Vista Drive, Fallon, NV 89406.

   c. Primary Contact: Richard Black, 775.423.0590, richenviro@fpst.org

   d. DUNS#: 0812724780000

3. Set Aside

   a. Tribal Set Aside

4. Brief Description of Applicant Organization:

   a. As an underserved and rural community, the Fallon Paiute-Shoshone Tribe experiences a vast amount of smoke from wildfires that burn through the Sierra Nevada Mountains. It is our mission to bring awareness to not only our community regarding their air quality, but to also share data to provide information of how our area is affected by the unhealthy levels of particulate matter that wildfires generate.

5. Project Location

   a. The areas benefitting from the project are both the Fallon Paiute-Shoshone Tribal Colony and Reservation located in Fallon, Nevada 89406.

6. Air Pollution Scope

   a. The target pollutants that are the focus of this project are PM 10 and PM 2.5.

7. Budget Summary

EPA Funding Requested	Total Project Cost
$150,000	$150,000

8. Project Period

   a. 11/01/2022 – 10/31/2024

9. Short Project Description

This project will focus on monitoring for PM 10 and PM 2.5. Gathering data will not only be valuable to the community, but will also portray the severity of the unhealthy air quality as it changes from year to year as the wildfire season only seems to increase in severity.

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II. Workplan – Project Narrative

Section 1. Project Summary and Approach

A. Overall Project and Project Significance

The Fallon Paiute-Shoshone Tribe (FPST), also known as the Toi Ticutta (cattail eaters), is a federally recognized Indian tribe located in the Lahontan Basin. The FPST Reservation is located in Churchill County in North Central Nevada. The City of Fallon with a population of 8,500 is located 12 miles west of the Reservation. Churchill County has a total population of 25,000. The Fallon Naval Air Station is located southwest of the Reservation. Reno, which is located approximately 65 miles to the West, has a population of 247,000.

The Fallon Paiute-Shoshone Tribe (FPST) is aware of the effects of the constant changing climate on the environment community. The Tribe's land base is located in North Central Nevada. The area experiences periods of unhealthy air quality for several months out of the year from the wildfires that burn through the Sierra Nevada Mountains. The fire season typically ranges from April to October, but due to the dryer seasons caused by drought, this time period can begin earlier and last later into the year.

In addition to the unhealthy levels of smoke, the area also experiences high levels of dust pollution. An Emissions Inventory (EI) was conducted in 2018, and along with the smoke, dust is also a primary concern along with ozone. The FPST is located in a valley in the Nevada desert. The city doesn't consist of many tall buildings, but has more control over the dust. The reservation, however, consisting of no tall buildings and minimal dust control, the high winds bring a considerable amount of dust. Wind speeds have reached up to 58mph in the valley leading up to very low visibility due to dust pollution.

The tribal population has experienced an above average occurrence of health related issues. Among those health issues are asthma and other respiratory ailments. As an underserved community and without big tribal enterprises, the tribe relies on federal funding for program implementations. A primary objective of this proposal is to allow the tribe to quantify and monitor air quality on tribal lands and initiate programs to address the public health concerns for long term benefits.

The long term goal is to identify geographical and temporal patterns of poor air quality. This approach will provide the ability to mitigate changes related to poor air conditions for residents in affected areas; especially vulnerable groups of the population including elders, children, people with existing respiratory conditions and low income that are shown to be adversely affected by air quality issues. Overall, the vulnerable parts of the population comprise of a large portion of the community at large.

The tribal Environmental Protection Department (EPD) has utilized funding from the U.S. EPA Indian General Assistance Program (GAP) to begin the preliminary stages of implementing an ambient air program in the community. As mentioned above, in 2018 an EI was conducted to identify pollutants of concern. In 2017, a Flag Program was implemented. Two locations display flags that represent the AQI for that day. The first location is at the EPD yard located on the FPST Colony and the second is located on the FPST Reservation. The EPD partnered with the Tribal Senior Center to partake in the

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program by committing to check the daily AQI and change flags as necessary to bring awareness to the community.

The FPST EPD has yet to secure funding for full implementation of an air program, but a DustTrak was lent to the tribe from the TAMS Center Loaner Program to begin initial short term monitoring for PM 10.

a. Pollution Scope

With as much smoke and dust the area experiences, a lack of monitoring for parameters PM 10 and PM 2.5 exists in the county. The areas surrounding the reservation singularly continuously monitor for ozone. The FPST is underrepresented, as is the county. This project will focus on monitoring for PM 10 and PM 2.5. Data that is collected will be shared with the different communities that also reside in the county which will ultimately be available online as data will be uploaded to the U.S. EPA Air Quality System (AQS). The project will not only be beneficial to the different communities in the county, but to the tribal community as well. As of now, the tribal air program consists of the AQI Flag Program, as previously mentioned. When the AQI value reaches moderate to unhealthy levels, the flag colors are changed to represent the daily AQI. But more often than not, poor air quality is already visible when the air becomes thick with ash or heavy with dust. With the lack of monitoring, it is difficult to accurately portray what the already vulnerable community is respiring. Monitoring will be a primary focus, as will community engagement activities. There will be trainings provided to build capacity in the community so that they are knowledgeable in accessing the data in real time and understanding the significance of the information.

b. Air Monitoring Technology

To provide timely air quality data to the community, the tribe will purchase two beta attenuation continuous monitors provided by Met One Instruments, Inc. The first instrument, an E-BAM Plus, consists of a PM 10 inlet, pump, internal data logger, its own weatherproof enclosure, calibration membrane as well as many other components. The E-BAM Plus Portable Beta Gauge has been built to provide truly accurate, precise and real time measurement of fine particulate matter. The E-BAM Plus is a U.S. EPA designated equivalent method for PM 10.

The second continuous monitor, a BAM-1022 Real Time Portable Beta Attenuation Mass Monitor, consists of a PM 2.5 inlet. The BAM-1022 continuously measures the mass concentration of ambient particulate matter collected onto glass filter tape with a time resolution of one minute. The BAM 1022 employs an in-line sampling geometry in which the attenuation of beta rays across filter media is measured and particulate matter is sampled simultaneously. This allows ambient sampling to occur for virtually 60 minutes each hour. It also allows for beta ray measurements to be made for virtually the entire hour thereby improving sensitivity and time resolution.

Both monitors include their own casing and don't require additional shelter, just secured enclosure. Both units are designed to be placed outside and require an electric outlet and a network. They both are designed for portability with external pumps for ease of relocating. The tribe doesn't anticipate constant location changes, but does expect relocation to occur periodically. The monitors will initially be installed on the FPST Colony in the Environmental Department's enclosed yard as it supplies electricity and a network. The units will then be relocated to the FPST Reservation Natural

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Resource enclosed yard for the same reasons. Both locations serve as suitable areas to give an accurate depiction of the colony and reservation communities. Each unit estimates at $20,000.

The tribe will also be purchasing six U.S. EPA approved low cost air sensors (PurpleAir) to be placed in various locations around the reservation to monitor both ambient and indoor air quality during high pollution events. This will be beneficial to the community as the various places around the reservation will also be included and accurately represented. The two continuous monitors give a great representation of the highest populated areas on the colony and reservation, however the less populated areas located in scattered home sites will also have the opportunity to view their air quality in real time via the low cost air sensors. Many of the scattered home sites have little to no wind break. During high wind events, these areas are more vulnerable to the dust pollution. Each unit estimates at $300.

The EPD will be subscribing Agilaire's AirVision Data Processing Service. The AirVision includes a cloud that allows data to be automatically uploaded to EPA's AirNow website which will correlate with the tribe's already existing AQI Flag Program. Staff will learn to process data from the continuous monitors independently through training during the project period which will build program capacity which is required to continue project after project completion. Subscription is quoted at $4,500 annually.

Section 2. Community Involvement

A. Community Partnerships and Engagement

The EPD, which will administer this grant, is overseen by the Administrative Director who is overseen by the seven-member governing body known as the Fallon Business Council, which is ultimately overseen by the tribal membership per tribal Resolution. All programs implemented by the FPST are based on improvement of the tribal community. Applying for this grant was approved by resolution by the Fallon Business Council in support of the project as they agree that monitoring is much needed in the tribal community.

There are many departments within the tribe. All act as a moving governing body for the tribal membership. The EPD often partners with other tribal departments for carryout of programmatic activities. Two of the departments are the Community Learning Center and the Tribal Senior Center. The EPD reaches out to both of these departments to provide education and outreach to the community members who participate in these programs. The EPD also has the benefit of providing training to the community in terms of presentations during the Annual Earth Day Event and as needed. The EPD anticipates hosting community workshops to ensure the community has access and capabilities to access the data that will be available online.

Data that is collected throughout the project will be available to other communities within the county as well as nationally. As mentioned before, ozone is the single parameter that is monitored for in the county. That information is available publicly to all communities including the tribe. The information the tribe collects during this project will be available publicly and encouraged to be utilized by the city and county for decision making purposes as well.

The EPD has also made contacts with nearby tribes based on air quality monitoring. EPD staff has taken tours of the different air stations and set up. Since the FPST lacks an ambient air monitoring

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program as well as the majority of the county, this has been an invaluable resource for staff as it provided the opportunity to see how real time data looks and how the different machines work. These contacts are available, as they are neighboring tribes, to assist and share data as all the tribes are located in different locations and experience variances in air quality, especially as it pertains to wildfire season.

Section 3. Environmental Justice and Underserved Communities

A. Economic Challenges

This project will directly affect the Fallon Paiute-Shoshone Tribal community, which consists of all age groups including tribal elders and young children. Native American communities face significant inequity in health care and health status compared to other U.S. populations. Health outcomes for Native Americans are adversely impacted by wholly inadequate access to comprehensive health services. American Indians born today have a life expectancy that is 4.4 years less than the United States' all races population, and continue to die at higher rates than other Americans in many categories of preventable illness.

As touched on earlier in this proposal, the economic challenges faced by the FPST as not being a gaming tribe or have operations in large enterprises, the majority of tribal programs rely on federal funding through grants for project implementation. Without federal funding and having the opportunity to apply for funding opportunities, the tribe would have very limited resources available for the tribal community.

B. Community Benefits

This project will benefit the community by bringing awareness on the severity from the particulate matter in the breathable air. The community will have the opportunity to make decisions that is best for their health during these high pollution events. With data being easily available, the information will be shared via social media platforms. Community members will have the benefit of being up-to-date on the continuous monitors and recommendations on their mobile devices. Usually, the pollution is visible when it becomes unhealthy or worse, but the majority of the community are unaware of the actual health effects of constant exposure to the high PM levels. A significant portion of this grant will go to education and outreach, not only on how to access the data online, but why the monitoring is essential and the purpose it serves.

Many of the homes in the community lack the structural integrity required to prevent smoke or high dust from entering homes. By providing data of unhealthy levels of PM that is potentially seeping into homes, it will entice homeowners and the Tribal Housing Authority to repair air leaks. This will be beneficial by keeping polluted air out, but also keeping treated air in. By repairing air leaks, the cost of heating and cooling will decrease, the air pollution from outdoors to decrease, and the overall indoor air quality to improve.

C. Disproportionate Health Effects from Pollution and the COVID-19 Pandemic

Similar to other communities, the onset of the COVID-19 pandemic has brought many unprecedented health challenges to the tribal community. These challenges are further amplified by other factors such as a large vulnerable population, poor home infrastructures, underservice, low

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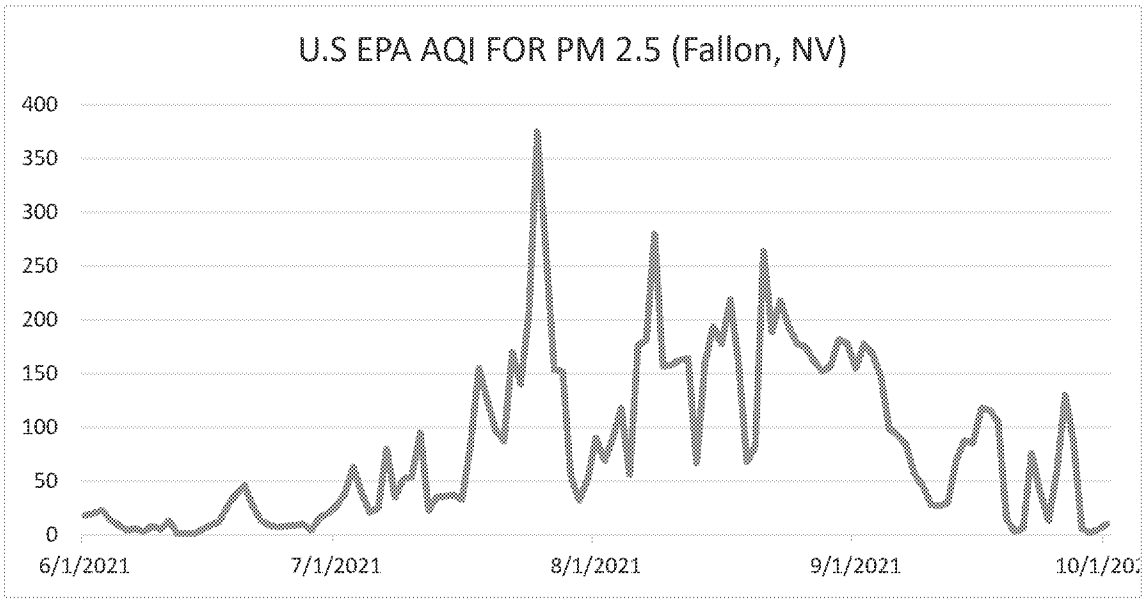
mitigation resources, etc. In terms of air issues, poor air quality has been shown to worsen impacts of COVID-19. A study from Harvard in 2020, showed that breathing polluted air can increase mortality from Covid-19 by 11% (Wu et al, 2020). Another study linked particulate matter exposure to an increase in COVID mortality by 15 % in the united states (Pozzer et al, 2020). The graph below shows air PM 2.5 levels in the city of Fallon during 2021 summer which concurred with large pandemic outbreaks in the area (Data was provided by PurpleAir sensors and converted to EPA AQI).



AQI levels reached a maximum of 375 on 7/25/2021 which is considered hazardous and has been associated with serious aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease. Overall, there were 33 days of unhealthy air quality days (AQI 101 to 301 or higher). Many increases in PM levels during the summer are associated with large forest fires on the Nevada-California borders. Wildfires bring a large amount of smoke to the area and blanket the skies with smoke for weeks on end. Many homes in the community lack proper integrity to prevent smoke from entering due to old and diminishing infrastructure. In addition, these smoke episodes happen in the summer months and many homes lack proper ventilation and air conditioning which forces resident to open windows to allow cool air to enter, but this method also allows the polluted air to enter as well.

Citations referred to in section 3.C:

Wu, Nethery, R. C., Sabath, M. B., Braun, D., & Dominici, F. (2020). Air pollution and COVID-19 mortality in the United States: Strengths and limitations of an ecological regression analysis. *Science Advances*, *6*(45). https://doi.org/10.1126/sciadv.abd4049

Pozzer, Dominici, F., Haines, A., Witt, C., Münzel, T., & Lelieveld, J. (2020). Regional and global contributions of air pollution to risk of death from COVID-19. *Cardiovascular Research*, *116*(14), 2247–2253. https://doi.org/10.1093/cvr/cvaa288

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Section 4. Environmental Results-Outcomes, Outputs and Performance Measures

A. Environmental Results, Outcomes, Outputs and Tracking Progress

Fallon Paiute-Shoshone Tribe Environmental Department
EPA Enhanced Air Quality Monitoring for Communities
11/01/22 – 09/30/24
EPA's Strategic Plan Goal 4: Ensure Clean and Healthy Air for All Communities; Objective 4.1: Improve Air Quality and Reduce Localized Pollution and Health Impacts

	Work Plan Goals & Tasks	Environmental Outcomes	Project Outputs	Effort of .5 FTE	Completion Schedule 11/1/22 – 10/31/24
1	**Goal 1: Implement Air Quality Monitoring program** **Task 1:** Procure and purchase continuous air monitoring equipment **Task 2:** Install and deploy equipment. The purchase and deployment of (2) equipment will provide the tools for carry out programmatic tasks. **Task 3:** Subscribe to AirVision for data processing services which will automatically upload data to AirNow.	The implementation of an air program will provide the FPST with the ability to become aware of the air quality in their environment. Which will lead to better decision making and will overall improve the health of the community.	-Summary of task will be included in quarterly reporting -Deployment of equipment to conduct air quality monitoring in the tribal community -Employees will become familiar with equipment, software and operations.	EPS 10% effort	Goal 1: 11/1/22 - 3/31/23
2	**Goal 2: Air Quality Monitoring** **Task 1:** Staff will collect air quality data (PM 2.5 & PM 10) in accordance with QAPP and SOP's. **Task 2:** Conduct regular maintenance and calibration on equipment. Staff will utilize maintenance form for logging purposes. **Task3:** Ensure annual service/maintenance of air quality monitor equipment by vendor. **Task 4:** Troubleshoot problems with air monitoring equipment as needed	Monitoring will identify and validate that the air pollution is problematic and negatively affects the tribal community and lead to an increase of community awareness which will overall reduce human exposure to the parameters being monitored for.	-Identification of pollution - Data will be available to the tribal community and other communities in the county	EPS 10% effort	Goal 2: 4/1/23 - 10/31/24

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Fallon Paiute-Shoshone Tribe Environmental Department
EPA Enhanced Air Quality Monitoring for Communities
11/01/22 – 09/30/24
EPA's Strategic Plan Goal 4: Ensure Clean and Healthy Air for All Communities; Objective 4.1: Improve Air Quality and Reduce Localized Pollution and Health Impacts

	Work Plan Goals & Tasks	Environmental Outcomes	Project Outputs	Effort of .5 FTE	Completion Schedule 11/1/22 – 10/31/24
	Task 5: Download and analyze data and perform QA/QC check **Task 6:** Submit data to AQS and U.S. EPA quarterly and share data with approved designated parties				
3	**Goal 3: Implement community based monitoring utilizing EPA approved low cost air sensors.** **Task 1:** Purchase and install PurpleAir monitors in sporadic location on the reservation and colony. **Task 2:** Provide training to community on accessing PurpleAir and AirNow websites	Implementation of community based monitoring will build capacity in the community by increasing community awareness and the opportunity to monitor indoor and outdoor air quality.	- Real time data availability to the tribal community and others in the county -Summary will be included in quarterly reports -Sign-in sheets	EPS 15% effort	Goal 3: 11/1/23 - 10/31/24
4	**Goal 4: Training and Participation** **Goal:** Increase staff's knowledge and skills regarding monitoring air quality and analyzing data. **Task 1:** Attend Tribal EPA conference. **Task 2:** Attend online trainings **Task 3:** Attend NTFAQ and other related training opportunities.	Increased expertise and knowledge participation and training results in on-the-job implementation. Increasing capacity to carryout project after funding period is complete.	-Provide status and detailed summary of training and participation in quarterly reports.	EPS 5% effort	Goal 4: 11/1/22 - 10/31/24

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Fallon Paiute-Shoshone Tribe Environmental Department
EPA Enhanced Air Quality Monitoring for Communities
11/01/22 – 09/30/24
EPA's Strategic Plan Goal 4: Ensure Clean and Healthy Air for All Communities; Objective 4.1: Improve Air Quality and Reduce Localized Pollution and Health Impacts

	Work Plan Goals & Tasks	Environmental Outcomes	Project Outputs	Effort of .5 FTE	Completion Schedule 11/1/22 – 10/31/24
5	**Goal 5: Outreach and Education** **Goal:** Educate community and administration on the importance of air quality through education about Tribal indoor and outdoor air. **Task 1:** Hold public outreach workshops **Task 2:** Contribute articles to the Environmental Department Quarterly Newsletter.	Increased awareness and understanding of indoor and outdoor air quality related issues demonstrated by community participation in workshops, events or meetings.	-Provide summary and/or pictures of outreach activities and educational material presented	EPS 5% Effort	Goal 5: 11/1/22 - 10/31/24
6	**Goal 6: Quarterly and Final Reporting** **Goal:** Quarterly Reporting and Final Reporting that evaluates program performance of grant activities including: -Status of work plan goals, deliverables -Status of expenditures for reporting period -Summary of accomplishments including the reporting of environmental results & discussion of problems impacting or expected to impact performance	Enhance communication with the EPA Project officer to report program milestones and challenges demonstrated by the submittal of all deliverables and quarterly reports.	-Quarterly Reports and Final Report submitted to EPA.	EPS 5% Effort	Goal 6: 2/28/23 5/31/23 8/31/23 11/30/23 2/28/24 5/31/24 8/31/24 11/30/24 – 2/28/25 Final reporting due 120 days of completion of grant.

EPS- Environmental Protection Specialist

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B. Milestone Schedule

Project Activities
November 1, 2022 – October 31, 2024

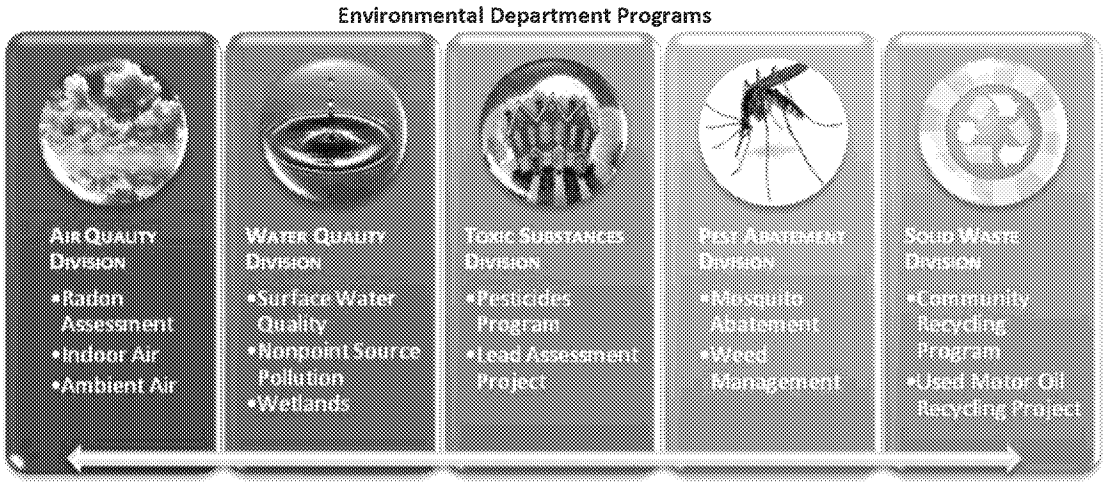
Project Activities November 1, 2022 – October 31, 2024	November	December	January	February	March	April	May	June	July	August	October	November	December
1) Implement Air Quality Monitoring Program	'22	'22	'23	'23	'23								
2) Air Quality Monitoring	'24	'24	'24			'23	'23	'23	'23	'23	'23	'23	'23
3) Implement community based monitoring	'24	'24	'24	'24	'24	'24	'24	'24	'24	'24	'24		
4) Training and Participation	X	X	X	X	X	X	X	X	X	X	X	X	X
5) Outreach and Education	X	X	X	X	X	X	X	X	X	X	X	X	X
6) Quarterly & Final Reporting	'23 '24	X	X	'23 '24 '25	X	X	'23 '24	X	X	'23 '24	X	X	

Section 5. Quality Assurance Statement

The Quality Assurance Statement is included in the Optional Attachment form.

Section 6. Programmatic Capability and Past Performance

A. Past Performance



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Grant Title	Grant Number
Clean Water Act Section 106 (PPG)-EPA	BG-99T82619-2

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Nonpoint Source Pollution-Competitive (PPG)-EPA	BG-99T82619-2
Nonpoint Source Management Program – Base (PPG)-EPA	BG-99T82619-2
General Assistance Program (PPG)-EPA	BG-99T82619-2
Tribal Climate Resilience Program-Dept. of Interior	A21AP 10155-00

The FPST maintains the capacity to successfully manage State and Federal grants and is currently administering 70 State and Federal grants and contracts. The Tribe's Finance Department is responsible for the submittal of all financial grant information including the SF-269 financial statements on a quarterly basis and provides accurate, current, and complete records of accountability supported by source documentation. The EPD which will administer this grant is overseen by the Administrative Director who is overseen by the seven-member governing body known as the Fallon Business Council, which is ultimately overseen by the Tribal membership per Tribal Resolution.

C. Reporting Requirements

The EPD is capable to successfully complete and manage the programs listed above in Table A. The EPD has extensive experience in administering EPA grants in accordance with all grant conditions. Progress for achieving expected program results are documented and reported through daily notes, tribal quarterly program progress reports, and program quarterly and final reports submitted to U.S. EPA. These reports include any problems that arose during the program that needed to be addressed to accomplish the expected program results.

D. Staff Expertise

Yearly water sampling is conducted under the Water Pollution Control Program to gather water quality data on reservation irrigation surface waters and the tribal wetlands. This program also addressed public health concerns by the sampling of traditional consumptive plants in the wetlands for heavy metals. The previous Wetlands Protection Development Program enhanced the Tribe's efforts for protecting the wetlands by conducting assessments of wildlife species and noxious weed incursion, education, and planning purposes. The EPD has also previously conducted a lead and baseline assessment that included soil and dust wipe sampling along with data analyzation and reporting. Staff resume is also included in the Optional Attachment form.

Section 7. Budget

The FPST Finance Department is responsible for the submittal of all financial grant information including the SF-269 financial statements on a quarterly basis and provides accurate, current, and complete records of accountability supported by source documentation. The current Indirect Cost Negotiated Agreement is included in Optional Attachment form.

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A. Budget Detail

FALLON PAIUTE-SHOSHONE TRIBE

Budget Detial for Enhanced Air Quality Monitoring for Communities Grant FY22

Object Class Categories	Federal	Tribal In-Kind Match	Total
Personnel			
Environmental Protection Specialist: 2080 Hours @ $25.30 /hr	52,624		
Total: for 24 months			52,624
Fringe Benefits			
Employer Taxes 10% of Personnel Line item	5,262		
Medical for one emplyee for 12 months at @1,000/month	12,000		
Workmans Comp 3.15% of Personnel Line item	1,658		18,920
Travel Amount reflects travel/training costs to attend Tribal EPA Conference(2), NTFAQ (2) and other air monitoring related trainings/workshops available			
Transportation: POV, airfare, car rental, shuttle	3,000		
Hotel: hotel fees for out-of-town travel	2,400		
Fees & Registration: conference or training registration fees	800		
Per Diem: per-diem for out-of-town travel	800		7,000
Supplies			
Office: supplies for the daily operation of the air program (pens, pencils, paper)	1,332		
Program: equipment consumables, educational tools, and promotional supplies for the air program	2,200		3,532
Equipment Purchase of 6 EPA approved low cost sensors @ $300 each	1,800		
Purchase of BAM 1022 and one E-BAM Plus @ @20,000/unit	40,000		
			41,800
Subscription to Agilaire's AirVision Data Processing Service	9,000		
The AirVision ia a data processing service that includes a cloud that allows data from the continuous monitors to be automatically updated to EPA's AirNow website 2 years *4,500 **(staff will eventually learn to process the data independently)**			9,000
Total Direct Cost	132,876		132,876
Total Indirect Cost			0
Indirect Cost Rate: 32.54% of the personnel line item	***17,124***		**17,124**
TOTAL PROGRAM COST	***150,000***		**150,000**

Date: 3/14/22

ED_013931A_00001585-00012

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Catherine Middle Name:
Last Name: Williams-Tuni Suffix:

Title: Tribal Chairwoman

Complete Address:

Street1: 565 Rio VIsta Drive
Street2:
City: Fallon State: NV: Nevada
Zip / Postal Code: 89406 Country: USA: UNITED STATES

Phone Number: 775.423.6075 **Fax Number:** 775.423.5202

E-mail Address: chairman@fpst.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: First Name: Lynn Middle Name:
Last Name: Castro Suffix:

Title: Comptroller

Complete Address:

Street1: 565 Rio Vista Drive
Street2:
City: Fallon State: NV: Nevada
Zip / Postal Code: 89406 Country: USA: UNITED STATES

Phone Number: 775.423.6075 **Fax Number:** 775.423.5202

E-mail Address: lynn.castro@fpst.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Sandra Middle Name:
Last Name: Hicks Suffix:

Title: Grants & Contracts Compliance Officer

Complete Address:

Street1: 565 Rio Vista Drive
Street2:
City: Fallon State: NV: Nevada
Zip / Postal Code: 89406 Country: USA: UNITED STATES

Phone Number: 775.423.6075 ext. 1021 **Fax Number:** 775.423.5202

E-mail Address: grantsofficer@fpst.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mr. **First Name:** Richard **Middle Name:**

Last Name: Black **Suffix:**

Title: Environmental Manager

Complete Address:

Street1: 1011 Rio Vista Drive

Street2:

City: Fallon **State:** NV: Nevada

Zip / Postal Code: 89406 **Country:** USA: UNITED STATES

Phone Number: 775.423.0590 **Fax Number:** 775.423.0593

E-mail Address: richenviro@fpst.org

EPA Form 5700-54 (Rev 4-02)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Quality Assurance Statement.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2022

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. U.S. EPA Enhanced Air Quality Monitoring for COmmunities	66.034	$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) U.S. EPA Enhanced Air Quality Monitoring for COmmunities	(2)	(3)	(4)	Total (5)
a. Personnel	$ 52,624.00	$	$	$	$ 52,624.00
b. Fringe Benefits	18,920.00				18,920.00
c. Travel	7,000.00				7,000.00
d. Equipment	41,800.00				41,800.00
e. Supplies	3,532.00				3,532.00
f. Contractual					
g. Construction					
h. Other	9,000.00				9,000.00
i. Total Direct Charges (sum of 6a-6h)	132,876.00				$ 132,876.00
j. Indirect Charges	17,124.00				$ 17,124.00
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. U.S. EPA Enhanced Air Quality Monitoring for COmmunities	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 150,000.00	$ 37,500.00	$ 37,500.00	$ 37,500.00	$ 37,500.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 150,000.00	$ 37,500.00	$ 37,500.00	$ 37,500.00	$ 37,500.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. U.S. EPA Enhanced Air Quality Monitoring for COmmunities	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $132,876

22. Indirect Charges: $17,124

23. Remarks: Indirect charges are calculated per indirect negotiation agreement @ 32.45% of salaries only.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1238-Fallon Paiute-Shoshone grant proposal.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

OMB Number: 4040-0004
Expiration Date: 12/31/2022

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 03/25/2022

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Fallon Paiute-Shoshone Tribe

* b. Employer/Taxpayer Identification Number (EIN/TIN): 88-0120723

* c. Organizational DUNS: 0812724780000

d. Address:

* Street1: 565 Rio Vista Drive
Street2:
* City: Fallon
County/Parish: Churchill
* State: NV: Nevada
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 89406-6415

e. Organizational Unit:

Department Name: Environmental Protection

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.
* First Name: Richard
Middle Name:
* Last Name: Black
Suffix:

Title: Environmental Manager

Organizational Affiliation:
Fallon Paiute-Shoshone Tribe

* Telephone Number: 775.423.0590
Fax Number: 775.423.0593

* Email: richenviro@fpst.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

I: Indian/Native American Tribal Government (Federally Recognized)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.034

CFDA Title:

Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act

*** 12. Funding Opportunity Number:**

EPA-OAR-OAQPS-22-01

* Title:

Enhanced Air Quality Monitoring for Communities

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1239-Reservation Colony and Vicinity Map.pd | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Fallon Paiute-Shoshone Tribe: Air Quality Monitoring for Communities.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant NV-02 * b. Program/Project NV-02

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2022 * b. End Date: 09/30/2024

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Catherine

Middle Name:

* Last Name: Williams-Tuni

Suffix:

* Title: Tribal Chairwoman

* Telephone Number: 775.423.6075 Fax Number: 775.423.5202

* Email: chairman@fpst.org

* Signature of Authorized Representative: Cathi Tuni * Date Signed: 03/25/2022

Manifest for Grant Application # GRANT13580487

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 22369 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16034 bytes)

2. Form SF424_3_0-V3.0.pdf (size 24291 bytes)

3. Form SF424A-V1.0.pdf (size 22955 bytes)

4. Form EPA4700_4_3_0-V3.0.pdf (size 22860 bytes)

5. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 16002 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37446 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Quality Assurance Statement.pdf application/pdf (size 364435 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1238-Fallon Paiute-Shoshone grant proposal.pdf application/pdf (size 1214832 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Sonia L. Corleto Resume.pdf application/pdf (size 427895 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-2022 Approved IDC Rate.pdf application/pdf (size 286671 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Council Support Resolution.pdf application/pdf (size 494337 bytes)

6. SF424_3_0 SF424_3_0-1239-Reservation Colony and Vicinity Map.pdf application/pdf (size 3088173 bytes)

I. QUALITY ASSURANCE STATEMENT

1. Overview

The Fallon Paiute-Shoshone Tribe (FPST) Environmental Protection Department (EPD) is responsible for the protection of natural resources on tribal lands located in North Central Nevada. In addition to actively managing tribal natural resources, the tribe intends to develop an Ambient Air Quality Program to ensure the health and safety of the tribal community. To facilitate this program, the FPST EPD has adopted specific procedures and protocols to ensure the consistency of the collection of environmental data to reflect environmental conditions on tribal lands. Consequently, the Quality Assurance Project Plan (QAPP) is intended to provide a systematic means to obtain and evaluate data that will allow for comparison with the National Ambient Air Quality Standards (NAAQS) and provide the environmental data necessary to make informed management decisions. Because environmental conditions change as an inherent function of natural dynamics, the QAPP will also change as necessary so that the relevance and adequacy of useable data can be maintained.

2. Roles and Responsibilities

The Environmental Protection Specialist (EPS) is responsible for oversight and management of the Ambient Air Quality Program. The EPS is the QA manager for this project. Where necessary and appropriate, an EPS from a separate program not involved in data generation activities will review, audit, and validate data, reports, or forms generated by the QA manager. The major QA responsibilities for the EPS are:

- Assuring that the Ambient Air Quality Program develops and maintains the QAPP and ensures adherence to the plan by staff, and where appropriate, by outside contractors and consultants;
- Ensuring that all personnel involved in the project have access to any training or QA information needed to be knowledgeable in QA requirements, protocols, and technology of that activity;
- Reviewing and approving this QAPP;
- Ensuring that assessments are scheduled and completed, and at times conducting or participating in these QA activities;
- Recommending required management-level corrective actions;
- Participating in training and certification activities
- Reporting all problems and corrective actions to the supervisor;
- Preparing and delivering reports to the supervisor.

3. Criteria

a. Precision - The objective (goal) for the precision uncertainty of the flow rate of the automated equipment is a relative percent difference (RPD) between the external flow rate transfer standard and the actual instrument flow rate of 7% or less for every check.

b. Bias - The term accuracy is frequently used to represent closeness to the "truth" and includes a combination of precision and bias error components. This term has been used throughout the CFR. For the purposes of this program, measurement uncertainties are distinguished into precision and bias components.

   The objective for overall accuracy, which includes both bias and precision, is 10%. The accuracy is estimated at least once each quarter using a manufacturer-supplied check device that assesses instrument response to a known signal.

c. Representativeness - The size of the sampling network and the location of the monitors in this network ensures that these measurements are representative of community exposures to PM_{10} and $PM_{2.5}$. Site selection rationale developed for this project incorporates the determination of restraints on the sampling site that are imposed by meteorology, local topography, and emission sources.

d. Completeness - Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount that was expected to be obtained under correct and, normal conditions. The completeness goal for this program is 75%.

e. Comparability - Comparability is a measure of confidence with which one data set can be compared to another. Good comparability is very important so that data sets from one year can be compared to data from another year. The strict EPA requirements on sampler type, and sampling procedures helps to ensure adequate comparability for PM_{10} and $PM_{2.5}$ results.

4. Data Quality Objectives

All records in regards to data management including validation, data, backing up data or data transfer will be kept in the project file. Electronic files related to this project are organized in a way that allows each data point to be tracked from the point of the beginning of the measurement through validation, analysis, and reporting. Data, charts, and other data records will be analyzed and validated at least once per quarter by the EPS.

When maintenance, calibration, or verification is conducted detailed information will be recorded in a logbook. The Quality Assurance and Maintenance Checklists will be used to conduct routine maintenance, verification, and calibrations. Data, charts, and other data records will be analyzed and validated at least once per quarter by EPS.

SONIA L. CORLETO

Ex. 6 Personal Privacy (PP)

Highly motivated and competent professional, experienced in environmental protection projects involving research, planning, implementation, compliance, enforcement, and technical support. Detail oriented, executing assignment and projects accurately in a timely manner. Proven background at the many levels of research, project development, and technical support, encompassing keen leadership, team participation, planning, organization, and problem-solving, all of which realize significant contributions to bottom-line results.

EXPERIENCE

2011 – PRESENT

ENVIRONMENTAL SPECIALIST, FALLON PAIUTE-SHOSHONE TRIBE

Development and implementation of best management practices addressing nonpoint source water pollution, quality assurance protocol development for analytical sampling of air monitoring as well as dust and soil sampling, event organization, community outreach and education, grant writing, program management and budgeting, field work, indoor air quality investigations, regular reporting to EPA, and collaboration with other agencies on potential projects, strategic planning and project implementation.

2008 – 2011

ENVIRONMENTAL TECHNICIAN, YOMBA SHOSHONE TRIBE

Assisted director in grant writing, research, planning, and implementation of projects. Coordinated and implemented a tribal recycling program as well as designing a vehicle recycling program of abandoned vehicles and characterization for illegal dumping and dump closure.

CERTIFICATIONS

- OSHA 10
- HAZWOPER
- Grants and Financial Management
- ICS 100, 200, 700
- CHEMPACK
- Nevada Applicator

SKILLS

- Excel
- PowerPoint
- Word
- Pictometry
- Google Earth
- Publisher
- Photo Editor
- TEISS View
- MARPLOT
- Intro to GIS

SUMMARY

Sonia Corleto has devoted over 13 years focused on environmental issues on tribal lands She currently manages the Clean Water Act, Section 319 Nonpoint Source Pollution Program and the Indoor Air Quality Program and is in the preliminary stages of implementing an Ambient Air Program as well. She has managed several different environmental programs throughout the years. Some of her favorite projects include lead sampling and analysis in dust wipe and soil collection, soil sampling for mercury and methylated mercury in soil and surface water, continuous radon testing using scientific equipment, surface water collection for seasonal monitoring, production of mycelium to reduce bacteria in the delivery of water to the Tribal Wetlands, and assisting with the implementation of rotational grazing methodologies to reduce overgrazing and nutrient overloading which has been beneficial and has caused the ecosystem in the tribal wetlands to improve. But her absolute favorite project was the design and implementation of a self-guided interpretive tour in the tribal wetlands.

Completing projects on various levels from start to finish has provided beneficial by now obtaining the ability to accept challenges, keep deadlines, delineate tasks, keep accurate budgeting and reporting, follow proper protocols and offer efficient decision making.

REFERENCES

- Janet Weed, 775.560.4134
- Jackie Conway, 775.217.8780
- Richard Black, 775.427.9950
- Carmen Gonzales, 760.445.3380

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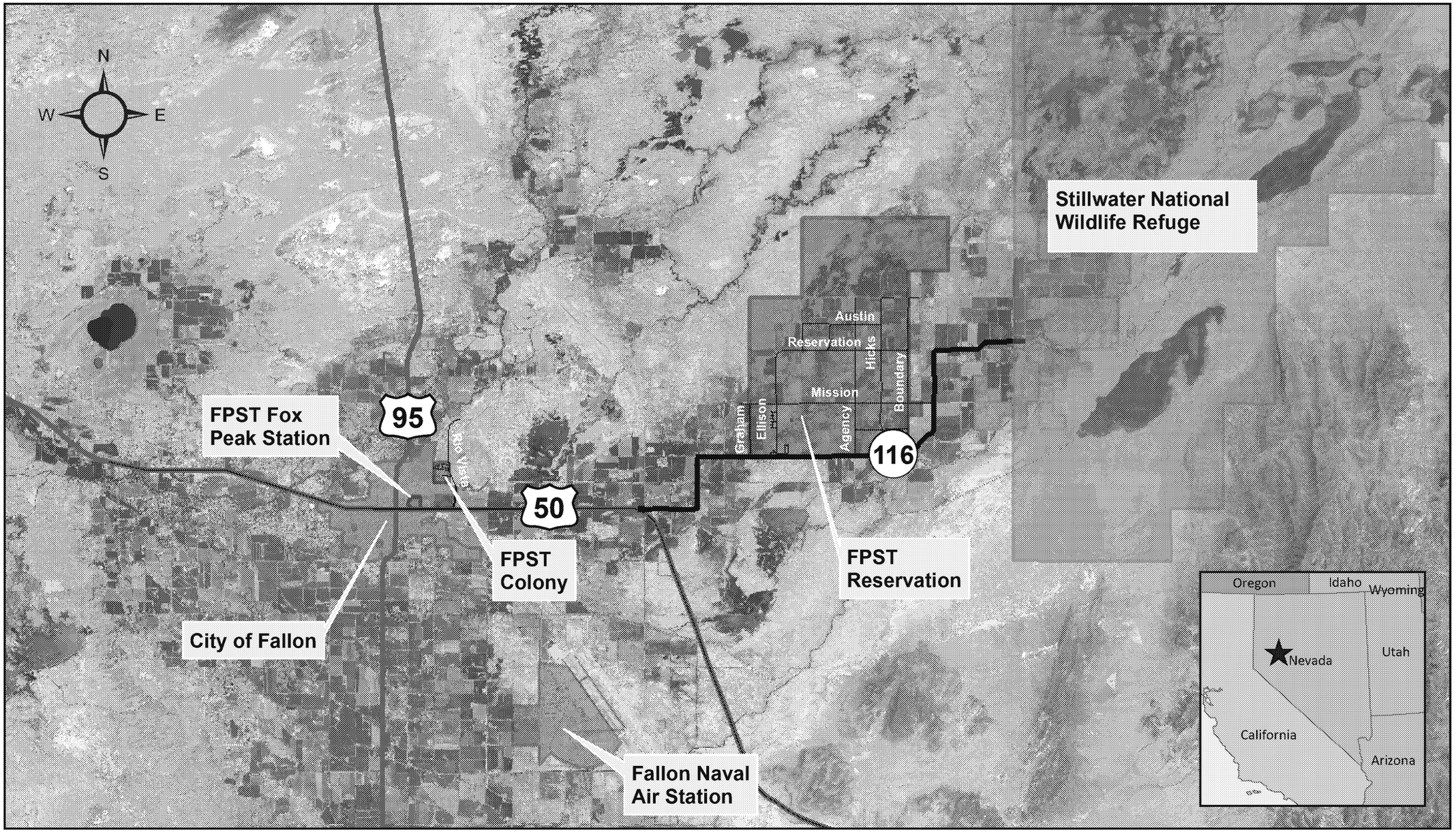

Roads

- US Highway
- State Highway
- Major Road
- Road

- FPST Reservation
- City of Fallon
- Fallon Naval Air Station
- Stillwater Refuge

1:125,000

0 2.5 5 10 Miles

Created by C. A. Gonzales
August 1, 2012

FALLON PAIUTE-SHOSHONE TRIBE

Figure I-A
FPST Reservation, Colony, and Vicinity Map