

CONTENTS CHECKLIST

Applicant Name: California Heritage: Indigenous Research Project

Please complete and attach this checklist with your application.

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	All sections listed above been provided
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Application Cover Page

Applicant (Agency/Company/Individual): California Heritage: Indigenous Research Project

Address: PO Box 2624, Nevada City, CA 95959

Phone #: 530-460-8494

EMAIL: info@chirpca.org

Contact Person: Ember Amador, Executive Assistant

Address: same as above

Phone #: 530-460-8494

EMAIL: ember@chirpca.org

Total Project Budget: \$77,000

AB 2766 Funds Co-Funding Total Project Costs

Capital Costs <\$77,000

Operating Costs \$ \$ \$ _____

TOTAL \$77,000

Type of Project: (check one)

Quantifiable Project (see definition in RFP)

Reduced Emission Vehicles Project (see definition in RFP)

Implementation Area for Project: Check if District-wide

Describe the Implementation Area for the Project (e.g. city, county, region): California and neighboring states; primarily Nevada, Yuba, Butte, Sierra, Placer, and Sacramento Counties

Estimated Emission Reductions: (Contact District Staff for below information if needed)

A. Emission Reductions (lbs/yr)

Reactive Organic Gases 22.44 Nitrogen Oxides 24.90 PM_{2.5} 9.80

B.

Vehicle Miles Traveled (VMT) Reduced 51,100.00

Single Occupancy Vehicle Trips Reduced ~365

C. Number of people reached per day through public education

~100+ through Tribal gatherings

Cost-effectiveness: \$99.76 per pound (AB 2766 Funds Only)

**NO PROJECT FUNDS MAY BE SPENT BEFORE JANUARY 1, 2025 and
THE CONTRACT HAS BEEN FULLY EXECUTED/SIGNED**

Additional Information

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THE CONTRACT HAS BEEN FULLY EXECUTED/SIGNED**

Estimated Emission Reductions:

NSAQMD AB 2766 Grant	California Heritage: Indigenous Research Project			
Grant Year:	2024			
Department Name:	California Heritage: Indigenous Research Project			
Grant Name:	Purchase of ZEV to Support Tribal Members and Partnerships			
Grant Funding Amount	\$57,000			
In-Kind Funding amount	\$20,000			
Total Project Funding amount	\$77,000			
Effectiveness Period (LIFE)	12			
Capital recovery factor	0.10		Capitol Recover Factors	
Average Miles per trip (one-way)	70.00		1 year	1.03
One Way Vehicle Trip Reductions per year	365		3 years	0.35
Annual Miles travelled, round trips	51,100.00		5 years	0.22
Average Auto Emissions Factors (ARB 2013 from table 3)			7 years	0.16
ROG - Average Trip ends (g/trip end)	0.584		10 years	0.12
ROG - Auto VMT factor (grams/mile)	0.191		12 years	0.10
NOx - Average Trip ends (g/trip end)	0.298		15 years	0.08

NOx - Auto VMT factor (grams/mile)	0.217		20 years	0.07
PM2.5 - Average Trip ends (g/trip end)	0.003			
PM2.5 - VMT factor (grams/mile)	0.087			
Annual Emission Reduction - ROG (lbs/year)	22.44			
Annual Emission Reduction - Nox (lbs/year)	24.90			
Annual Emission Reduction - PM2.5 (lbs/year)	9.80			
Total Emissions reduction (All) (lbs/year)	57.14			
Cost-Effectiveness of Funding Dollars (\$\$/lb)	\$99.76			

PROJECT DESCRIPTION

The California Heritage: Indigenous Research Project (CHIRP) respectfully requests funding to contribute to the purchase of a zero emission vehicle to support our variety of vehicle-related needs. The ZEV will be a resource for Tribal members and purposes to support regional partnerships, land restoration, and internal Tribal needs. Because prices fluctuate regularly, we wish to determine which vehicle to purchase after the award, if awarded. We anticipate taking approximately 1 month to make this decision, which will include test driving vehicles.

Objectives of the project:

Provide reliable, climate-responsible transportation to Tribal members and to support Tribe- and CHIRP-related missions and needs. This includes but is not limited to:

- Transportation of Elders to and from events, homes, medical support, and other needs
- Transportation of Tribal members in need of reliable transportation
- Transportation of CHIRP staff to location-based partnership meetings that demand physical presence (e.g. utility work on culturally significant sites in the region, regional partnership meetings, conferences, etc.)
- Support for restoration and renovations of the Yulića property

PROJECT ORGANIZATION/BACKGROUND

The California Heritage: Indigenous Research Project (CHIRP) 501c3 is a charitable organization guided by the Nevada City Rancheria Nisenan Tribal Council and by a Tribally-led Board of Directors. Through CHIRP, The Nevada City Rancheria Nisenan Tribe (NCRNT) continues to pursue federal recognition; has been listed on the Native American Heritage Commission (NAHC) Contact List; has launched and implemented several initiatives including a Visibility Through Art initiative, an Ancestral Homelands Reciprocity Program, a program to support Tribal Youth; and has been a member of the North Yuba Forest Partnership.

Challenges:

NCRNT/CHIRP are at a critical crossroads. Growing recognition of the importance of Tribal knowledge and Tribal inclusion in recent years by local and regional partners ranging from PG&E, County of Nevada, Yuba Watershed Agency, and many others has been a welcome cultural shift. It has also resulted in rapid growth of requests for our participation with regional stakeholders that demand a significant amount of travel in addition to Tribal and family-related travel across and between Butte, Yuba, Nevada, and Placer Counties to support our Elders and families in need. There are currently no organizationally-owned vehicles, and personal vehicles do not have good gas mileage, many vehicles being decades old and not guaranteed to pass smog.

This fall, CHIRP will close on a 232 acre property in Nevada County that is a culturally significant historical location of a Nisenan village known as Yulića. The land will serve as a place where members of the Nevada City Rancheria Nisenan Tribe can live, gather, heal, and restore cultural practices that have been lost with

colonization and time. It will also require a tremendous amount of renovation and land restoration that will benefit from a reliable all wheel drive vehicle with hauling capacity.

Solution

Use funding from this program to purchase an all electric vehicle to be used by CHIRP staff in support of

- Land and Structure restoration on the Yulića property
- Transportation of Tribal members in need of reliable vehicles, particularly during inclement weather
- Travel to and from Tribal obligations, events, and workforce development opportunities (e.g. land consultations, Tribal gatherings in and out of area, conferences in state, etc.)

Environmental Benefits:

- Reduced Carbon Emissions: Use of this vehicle will replace older vehicles used by Senior CHIRP staff with high emission rates (90s and early 00s SUVs)
- Decreased Fuel Consumption: All electric vehicle vs. gas consumption.
- EV Piloting: This vehicle can serve as a pilot program to continue the exchange of gas-dependent vehicles with all-electric within the organization as it grows.

Cost Breakdown

*Cost estimated based off of a new Rivian Truck to anticipate high end of registration and insurance fees.

Item	Cost	Fund Source
Zero Emission Vehicle TBD	~\$55,000-\$75,000	NSAQMD, CHIRP to cover additional cost if necessary
Registration	~\$1500/yr	CHIRP
Insurance	~\$5000/yr	CHIRP

SCHEDULE OF DELIVERABLES/MONITORING PROGRAM

This project will (1) improve reliable transportation options to Tribal staff and members; (2) aid in the restorative projects of the Yulića (formerly John Woolman) property by providing a large vehicle capable of hauling material, woody debris, and staff; (3) reduce emissions by removing a gas SUV from the roads and replacing it with an all electric vehicle. This table outlines key tasks and deliverables, reporting methods and measurement:

Task and Deliverables	Dates of Delivery	Method of Measurement and Reporting
Purchase Vehicle		
I- Research ideal vehicle for needs	Month I	NA
II- Purchase vehicle	Month I, II	Email with receipt, photo of registration and insurance
Monitoring years I–12		
I – Record one way trips	Daily	Trips kept in log in vehicle, transcribed into computer weekly
2- Record weekly mileage	Weekly	Friday of each week odometer will be recorded.
Project Management and Administration		
I - Ensure monitoring of trips and mileage is recorded.	January - December	Data to be kept in simple excel file.
2- Year end reporting	December	Reports to be filled out by CHIRP staff according to NSAQMD requirements.

California Heritage: Indigenous Research Project

P.o. Box 2624 Nevada City, Ca. 95959

September 26, 2024

NSAQND AB 2766

Grant Request

To whom it may concern,

Thank you so much for the opportunity to apply for this important funding. Our Tribal staff, as well as the organization as a whole, will greatly benefit from having a zero-emissions vehicle, making our work-related travels more in alignment with our Tribal values, and respect for the planet.

I authorize the submission of this application in hopes of becoming a zero-emissions organization here in our Ancestral Homelands.

Sincerely,



SHELLY COVERT

Tribal Council Spokesperson • Nevada City Rancheria Nisenan Tribe

Executive Director • California Heritage: Indigenous Research Project (CHIRP)