

## **Title: Big Pine Tribal Hydrant Replacement Project**

*Overview:* The Big Pine Paiute Tribe of the Owens Valley (BPPT) is located along a wildland-urban interface on the eastern slopes of the Sierra Nevada Mountains. Isolated residential fires have caused extensive destruction of homes over the past decade and the potential for wild fire is a great risk to the community. BPPT has independent public water system that is in need of infrastructure upgrades for improved access to water at fire hydrants to assist the local volunteer fire department and other fire agencies in extinguishing fires within the tribal community. This project will replace 38 hydrants on the BPPT public water system which have reached the end of their useful life, or for which hydrant parts are no longer available for purchase.

*Need:* Due to the fire history in the Big Pine area, there is a need for increased fire protection. BPPT has experienced seven catastrophic household fires in the past 10 years which could have posed less of a danger to the rest of the community if fire hydrants were able to perform at their peak performance. Reasons for the catastrophic nature of these household fires have been noted as either due to a lack of working fire hydrants within the proximity of the home or due to a lack of sufficient fire flow.

In addition to the household fires, BPPT has been at high risk multiple times for wildfire to spread throughout the Reservation. There is expectation that the dry conditions currently being encountered throughout the State of California due to drought will increase the risk of wildfires for the Reservation community.

*Purpose:* This project will replace 38 fire hydrants throughout the distribution system to increase the safety of the residents, prevent wildfires from spreading to other areas and reduce the likelihood of water quality impacts on Big Pine Creek. This will enable BPPT to combat long term drought impacts such as wildfire in the future.

### *R3 Evaluation and Ranking Questions:*

Will this project benefit a DAC? BPPT is considered a disadvantaged community by the Department of Water Resources and this project will positively impact the entire community by assisting with public safety.

What is the status of the project? A fire hydrant diagram has been developed by a project engineer in consultation with the Indian Health Service to ensure that installation of replaced hydrants conforms to American Water Works Association Standard C-502. There are no additional tasks in the design phase for BPPT to complete; therefore, the project is prepared for the construction phase to take place. A Categorical Exclusion in accordance with the Tribal Environmental Policy Ordinance will be filed.

Is your organization in compliance with identified State Regulations? BPPT is a federally recognized tribe with land that is held in trust by the federal government. As a result, the regulations listed in for compliance in the PSP for funding availability is not applicable.

Do you have multiple projects for this round of funding? This project is the only one being submitted by BPPT.

Can the project be phased? If the project was phased then certain sections of the Reservation would continue to have a higher risk of hydrant failure leading to public safety issues. Therefore, this project cannot be phased and continue to have the same benefit for the overall community.

Have you received previous funding from Prop. 84? BPPT has not received funding in previous rounds of Prop. 84 planning or implementation opportunities.

*Budget:*

Category	Requested Grant Amount	Cost Share: Non-State Fund Source	Cost Share: Other State Fund Source	Total Cost
<b>(a) Direct Project Administration</b>	\$21,000	\$0	\$0	\$21,000
→ Proposal preparation	\$1,500	\$0	\$0	\$1,500
<b>(b) Land Purchase/Easement</b>	\$0	\$0	\$0	\$0
<b>(c) Planning/Design/Engineering/Environmental Documentation</b>	\$1,575	\$0	\$0	\$1,575
<b>(d) Construction/Implementation</b>	\$201,225	\$0	\$0	\$201,225
<b>(e) Grand Total</b>	<b>\$225,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,300</b>

*Schedule:*

Proposed start date: 3/1/16

Proposed end date: 4/30/17

Estimated useful life of project: 50 years