Applicant & Project Manager Name: UMS Group (Prime Applicant), in partnership with Slalom, Grid Forward, Utility Safety Associates, and Fire Adapted Communities Learning Network.

Project Name: Advanced Solutions to Mitigate Wildfire Risk.

Project Objectives: This project seeks to deploy a suite of advanced wildfire risk mitigation technologies within utilities facing wildfire challenges, and to serve as a catalyst for widespread adoption of similar technologies across the western United States. Benefits and outcomes include:

- Accelerate the deployment of advanced wildfire risk mitigation technologies - particularly among smaller, publicly owned utilities in the western united states - by demonstrating success and reducing technology risk perceptions.
- Reduce the probability and consequence of ignitions from utility equipment failures, or from contact between utility equipment and vegetation or other materials.
- Improve utility situational awareness, particularly in high fire threat areas.
- Reduce outage frequencies and durations.
- Improve community awareness of the actions being taken within this project, and where they fit within the context of the full suite of fire mitigations deployed by utilities.
- Increase wildfire awareness within communities through direct engagement and provide support for specific actions that can be taken to increase wildfire resilience.

Project Description: Supporting the project is a unique coalition of electric utilities, technology providers, national laboratories, education, and community partners.

Utilities	***Technology Providers***	***Community, Education & Research Partners***	***Project Facilitation & Subject Matter Expertise***
Avista Utilities	AiDash	Bonneville Power Administration	UMS Group
Burbank Water & Power	ALERTWildfire	Community Energy Project	Slalom
Eugene Water & Electric Board	Aveva	Oregon State University	Fire Adapted Communities Learning Network (FAC Net)
Inland Power & Light	Gridware	Pacific Northwest National Lab	
Pacific Gas & Electric	IrisCX	Unite Oregon	Grid Forward
PUD No. 1 of Klickitat County	Overstory		Utility Safety Associates
	Pano AI		
	Sharper Shape		
	Technosylva		

The project includes two parallel workstreams: (1) Utility Technology Deployments; and (2) Community Engagement & Preparedness. In addition to technology deployments, support will be provided for each utility to align their wildfire risk mitigation strategy with leading practices from around the world. The project will proceed on an annual cycle, with end-of-year reviews to assess performance and provide guidance for the following year's activities. Quarterly status calls will be conducted to capture lessons learned and an annual symposium will be held with other federal funds recipients addressing wildfire challenges.

Led by FAC Net, the Community Engagement & Preparedness workstream is based on a strategy of creating connectivity and conditions for authentic relationship growth, especially in areas where they may not currently exist, such as rural, underserved, and disadvantaged communities. The framework includes a particular focus on addressing each utility's fluency in engaging underserved and disadvantaged communities and increasing community engagement maturity throughout the duration of the project.