



Memo

To: Ray Rears
Gilpin County Manager

From: Nathan Whittington, Emergency Management Director

cc: Sam Bower

Date: 3-30-2022

Re: Gilpin OEM Request for Hickenlooper Funding Project

Project:	Community Wildfire Protection Plan (CWPP) & Sensor Application
CWPP Cost:	\$ 120,000.00
Sensor Cost:	\$ 500,000.00
Total Project Cost:	\$ 620,000.00

The Gilpin County Office of Emergency Management is requesting the opportunity to approach Senator Hickenlooper regarding funding the update to the community wildfire protection plan (CWPP) to include a comprehensive emergency evacuation route study. This request provides for the purchase of two hundred additional N5 Shield Sensors. During the development of the CWPP, the location and best use determination will be made on sensor placement. This project will apply to the Homeland Security/Federal Emergency Management Agency Pre-Disaster Mitigation Project, as identified in the letter from Senator Hickenlooper's staff on March 30, 2022. This wildfire mitigation project is 100% shovel-ready, clearly defined in scope and deliverables, reasonably budgeted, self-sustaining and beneficial to the wider community. By submitting this project, Gilpin County can ensure its meets all the requests of Senator Hickenlooper.

Plan Details on Back Page



<p>Identification of life and property wildfire risks in Gilpin County:</p>	<p>Development of wildfire risk mitigation implementation plan:</p>	<p>Creation of tools for the county and fire departments to use in operations and outreach:</p>
<p>Fire behavior models and analysis under average and extreme fire weather conditions.</p> <p>Assessment of existing fuel treatments and wildfire history.</p> <p>Analysis of structure exposure to fire and embers, as well as home-to-home ignition risk.</p> <p>Analysis of community values such as utility infrastructure, schools, historic landmarks, etc. and their risk of exposure to fire and embers.</p> <p>Evacuation models under multiple fire scenarios to understand congestion, evacuation time, and roadway hazards.</p> <p>Identification of specific hazards in all communities within Gilpin County based on field assessments and fire behavior modeling.</p>	<p>Creation of landscape and roadway fuel treatment priorities across the county to protect lives, property, and community resources.</p> <p>Creation and prioritization of resident and community risk mitigation actions.</p> <p>Prioritization of detailed, action-ready landscape and roadway fuel treatment projects that enable effective on-the-ground risk mitigation.</p>	<p>Strategic and tactical maps for local and outside responders to use during wildfire incidents, including landing zones, water resources, hazards, and other features.</p> <p>Education and outreach plan specific to the Gilpin County communities to engage and initiate action among residents and stakeholders.</p>