



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Rapid City Fire Department

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Memo for Resolution 2012-037

The Rapid City Fire Department is requesting FEMA Hazard Mitigation Program Grant funding for a Wildfire Mitigation Project. The project area includes 77 residential properties within Rapid City's wildland-urban interface areas that are at high risk due to the lack of defensible space surrounding the structures, as well as the presence of highly-flammable cedar roofing materials.

The proposed project will aid property owners within the identified wildland-urban interface areas to create fire safety zones around their homes and to replace existing, combustible cedar roofing materials with ignition resistant shingles. The proposed project will reduce the potential for loss of life and property by reducing the amount of vegetative fuels within the interface areas and lessening the probability of multiple structure ignitions in the event of an approaching wildfire. The present fuel loading in all wildland urban areas of the city is conducive of large fire development, and properties with combustible roofs greatly increase the likelihood of overwhelmed recourses.

The estimate for the proposed defensible space and ignition-resistant construction materials activities is approximately \$1,307,000. If this grant is awarded, FEMA will provide 75% of the project costs, and the homeowners will provide the 25% match.

Thank you,

Tim Weaver
Lieutenant
Rapid City Fire Department

