Project Subapplication

Start a subapplication	
Organization you are applying for	Campbell County
Organization you are applying to	Wyoming Department of Homeland Security
Subapplication title	Campbell, Johnson, & Sheridan County Coal Seam Fire Mapping
Subapplication type	Project | Technical Assistance Project
Document control number (optional)	

Subapplicant information

Subapplicant information	
Name of federal agency	FEMA
Type of submission	☐ Pre-application x ☐x Application ☐ Changed/Corrected application
Type of Subapplicant	☐ State Government ☐ x Local Government ☐ Indian Tribal Government ☐ Special Governmental District ☐ Private Non-Profit ☐ Other
Is Subapplication subject to review by Executive Order 12372 Process?	☐ Yes ☐x No, program is not covered by E.O. 12372 ☐ No, program has not been selected by state for review
If Yes, this preapplication/application was made available to the Executive Order 12372 Process for review on: (MM-DD-YYYY)	

Subapplicant information	
Is the Subapplicant delinquent on any Federal debt?	☐ Yes ☐x No
If yes, please provide an explanation:	

Contact information

Add a Subrecipient Authorized Representative (SAR)	
Title	Chairman
Prefix (optional)	☐x Mr. ☐ Ms. ☐ Mrs. ☐ Dr.
First Name	Kelley
Middle Initial	P
Last Name	McCreery
Agency/Organization	Campbell County
Primary phone	307-687-6324
Extension (optional)	
Type	☐ Home ☐x Work ☐ Mobile
Secondary phone	
Extension	
Type	☐ Home ☐ Work ☐ Mobile
Optional phone	

Add a Subrecipient Authorized Representative (SAR)	
Fax number	
Email	kelley.mccreery@campbellcountywy.gov
Address line 1	500 South Gillette Avenue
Address line 2	Suite 1100
City	Gillette
State/territory	WY
ZIP code	82716
ZIP extension	
Phone	307-687-6324
Fax	

Add a Point(s) of Contact	
Title	Deputy Director of Administration
Prefix (optional)	☐ Mr. ☐x Ms. ☐ Mrs. ☐ Dr. ☐ Hon. ☐ Exe.
First Name	Kristin
Middle Initial (optional)	L
Last Name	Young
Primary phone	307-687-6324
Extension (optional)	

Add a Point(s) of Contact	
Type	☐ Home ☐x Work ☐ Mobile
Secondary phone	
Extension (optional)	
Type	☐ Home ☐ Work ☐ Mobile
Optional phone	
Fax number (optional)	
Email	kristin.young@campbellcountywy.gov
Address line 1	500 South Gillette Avenue
Address line 2 (optional)	Suite 1100
City	Gillette
State/territory	WY
ZIP code	82716
ZIP extension (optional)	

Community

Please find the community(ies) that will benefit from this mitigation activity by clicking on the Find Communities button. If needed, modify the Congressional District number for each community by entering the updated number under the U.S. Congressional District column for that community. NOTE: You should also notify your State NFIP coordinator so that the updated U.S. Congressional District number can be updated in the Community Information System (CIS) database.

Add Communities (complete this table for each benefitting community)	
State	Wyoming

Add Communities (complete this table for each benefitting community)	
Community name (optional)	Campbell County
County name (optional)	Campbell
County code	56005
CID number	17
CRS community	☐ Yes ☐x No
CRS rating	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10
U.S. Congressional District	At-large
Please provide any additional comments (optional)	
Attachments	

Add Communities (complete this table for each benefitting community)	
State	Wyoming
Community name (optional)	Johnson County
County name (optional)	Johnson
County code	56019
CID number	19
CRS community	☐ Yes ☐x No
CRS rating	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10
U.S. Congressional District	At-large
Please provide any additional comments (optional)	
Attachments	

Add Communities (complete this table for each benefitting community)	
State	Wyoming
Community name (optional)	Sheridan County
County name (optional)	Sheridan
County code	56033
CID number	03
CRS community	☐x Yes ☐ No
CRS rating	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐x 10
U.S. Congressional District	At-large
Please provide any additional comments (optional)	

Add Communities (complete this table for each benefitting community)	
Attachments	

Mitigation Plan

Please provide your plan information.

Mitigation plan information	
Is the entity that will benefit from the proposed activity covered by a current FEMA approved multi-hazard mitigation plan in compliance with 44 CFR Part 201?	☐x Yes ☐ No
If Yes, please provide plan information:	
Plan name	
Plan type	☐ State Multi-hazard Mitigation Plan ☐ Tribal Multi-hazard Mitigation Plan ☐ Local Multi-hazard Mitigation Plan ☐ Tribal (Local) Multi-hazard Mitigation Plan ☐x Local Multijurisdictional Multi-hazard Mitigation Plan ☐ Tribal (Local) Multijurisdictional Multi-hazard Mitigation Plan
Is this plan standard or enhanced? (for Applicants only)	☐x Standard ☐ Enhanced
Plan approval date (MM-DD-YYYY)	11/26/2024

Proposed activity description (optional)	Coal seam fires pose a persistent and complex hazard in northeastern Wyoming, igniting in both underground and exposed seams. These fires threaten lives, property, and critical infrastructure, and represent a significant public safety, environmental, and economic concern. Once ignited—whether by natural causes such as lightning or wildfires or by human activities like debris burning in abandoned mine sites—these fires are notoriously difficult to extinguish. Underground fires, in particular, can smolder for decades or even centuries, fueled by limited oxygen and difficult-to-access coal deposits. Despite their severity, many coal seam fire locations remain undocumented. The lack of precise geographic data hampers monitoring, mitigation, and response efforts. Accurate mapping is essential to understand the scope of the threat, prioritize resources, and implement effective response strategies. This project proposes a comprehensive coal seam fire mapping initiative across Sheridan, Johnson, and Campbell Counties. As stated in the Wyoming Region 1 Hazard Mitigation Plan 2024-2029 County Annexes, coal seam fires are identified as a threat. The primary objectives are to identify active and dormant fire locations, assess their severity, and engage local stakeholders in long-term monitoring and mitigation planning. This project proposes the following activities: **Proposed Activities:**

Mitigation plan information	
	1. **Aerial Mapping:** Utilize aerial thermal imaging and remote sensing technologies to scan large areas for heat anomalies consistent with underground coal seam fires. This approach allows for efficient, wide-scale identification of potential fire locations. 2. **Ground Truthing and Threat Assessment:** Following aerial surveys, ground teams will conduct site inspections to verify thermal anomalies and assess the intensity and scope of the fires. A priority matrix will be developed to rate each fire based on factors such as threat to life, property, complexity of containment, and proximity to critical infrastructure. 3. **Community Engagement and Coordination:** Collaborate with local landowners, public agencies, and neighboring jurisdictions—including Custer County, Montana—to gather local knowledge, secure access permissions, and coordinate mapping efforts. Community input will enhance data accuracy and ensure broad support for follow-up mitigation activities

Please provide any additional comments (optional).	The need for a coal seam fire mapping initiative in Sheridan, Johnson, and Campbell Counties has become increasingly urgent in the wake of the historic wildfires of 2024. These fires burned approximately 410,000 acres, dramatically increasing the region's vulnerability to ongoing and future fire hazards. **Impact of Historic Wildfire**: The 2024 wildfire season marked a historic event for northeastern Wyoming, with widespread damage across three counties. These fires demonstrated the region's susceptibility to rapidly spreading wildland fires and left long-term impacts on the natural environment and community infrastructure **Federal Disaster Designations:** In recognition of the severity of the event: ● Sheridan and Johnson Counties received Fire Management Assistance Grant (FMAG) designations. ● Campbell County received a federal disaster declaration from FEMA. These designations highlight the critical need for proactive mitigation measures, including targeted hazard identification and risk reduction strategies focused on latent coal seam fires. **Purpose of the Project:** This project seeks to conduct a systematic mapping of coal seam fires—both surface and underground—to better understand their locations, characteristics, and associated risks. The information collected will directly support mitigation planning and emergency response preparedness, filling a long-standing data gap in fire hazard assessment across the region.

	Increased Vulnerability Post-Wildfire: The aftermath of the 2024 wildfires has significantly altered the physical and social landscape of the tri-county area, compounding the threat of coal seam fires through the following factors: 1. **Loss of Vegetation:** Burned areas have lost critical vegetation cover, increasing soil exposure and reducing moisture retention—conditions that favor fire ignition and underground smoldering. 2. **Altered Soil Composition:** Wildfires can change the chemical and structural properties of soil, making it more susceptible to combustion, particularly in coal-bearing areas. 3. **Increased Fuel Loads:** Regrowth of early-successional vegetation often includes volatile species that increase the region's flammability and the potential to ignite underlying coal seams. 4. **Post-Fire Human Disturbance:** Recovery efforts, including construction, debris removal, and land clearing, may inadvertently expose coal seams to oxygen, raising the likelihood of ignition. 5. **Depleted Local Resources:** The significant strain placed on local emergency services during the 2024 fire season has limited capacity for early detection and containment of coal seam fire incidents moving forward.

Mitigation plan information	
	Community Engagement and Cross-Jurisdictional Collaboration: Successful implementation of this project will require coordination with private landowners, public land managers, and community stakeholders. Local engagement will ensure access permissions, improve situational awareness, and enhance community support for future mitigation activities. The project also benefits from technical insight and collaboration with the Emergency & Disaster Coordinator of Custer County, Montana—an adjacent jurisdiction with recent experience in coal seam fire mapping and monitoring. **Conclusion:** The combination of environmental degradation, increased ignition potential, and limited response capacity necessitate immediate action to identify and address coal seam fire threats. This mapping project is a critical first step toward building long-term resilience, informing mitigation investments, and protecting public safety in a region recovering from a historic disaster.

Mitigation plan information	
Attachments	Folder: FMAG & Disaster Declaration – Declared Summary Sheet DR-4845, WY DEC Letter 5531-FM-WY House Draw Fire, WY DEC Letter FEMA -5539-FM-WY Elk Fire Folder: Hazard Mitigation Plan 2024-2029 – Hazard Mitigation Plan 2024-2029 Sheridan, Johnson, Campbell Annexes Folder: GIS Data – AOI Map, Coal Seam Fire Mapping Area – Population, Campbell County GIS, Johnson County GIS, Sheridan County GIS Folder: Press Reports - Worst Wildfires In Campbell County History Stretched Resources, Nerves _ Cowboy State Daily

Scope of Work

The project Scope of Work (SOW) identifies the eligible activity, describes what will be accomplished and explains how the mitigation activity will be implemented. The mitigation activity must be described in sufficient detail to verify the cost estimate. All activities for which funding is requested must be identified in the SOW prior to the close of the application period. FEMA has different requirements for project, planning and management cost SOWs.

Scope of work	
Subapplication title (include type of activity and location)	Coal Seam Fire Mapping – Campbell, Johnson, and Sheridan Counties
Activities	Aerial mapping and ground truthing

Scope of work	
Primary activity type	☐ Acquisition ☐ Elevation ☐ Relocation ☐ Mitigation reconstruction ☐ Retrofit ☐ Floodproofing ☐ Saferoom/shelter ☐ Stabilization and restoration ☐ Utility and infrastructure protection ☐ Flood control ☐ Codes and standards ☐ Warning systems x☐ Wildfire management ☐ Education and awareness ☐ Feasibility, engineering and design studies ☐ Management costs ☐ Generator ☐ Planning related activities ☐ Partnerships ☐ Other
If Other, please specify	
Secondary activity type (optional)	(see Primary activity type list above)
If Other, please specify	
Tertiary activity type (optional)	(see Primary activity type list above)
If Other, please specify	
Geographic areas description	Campbell, Johnson, and Sheridan Counties - Wyoming
Community lifelines	

Scope of work	
Primary community lifeline	☐x Safety and security ☐ Food, water, shelter ☐ Health and medical ☐ Energy ☐ Communications ☐ Transportation ☐ Hazardous material
If Safety and security is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Law enforcement/security ☐x Fire service ☐ Search and rescue ☐x Government service ☐x Community safety
If Food, water, shelter is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Food ☐ Water ☐ Shelter ☐Agriculture
If Health and medical is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Medical care ☐ Public health ☐ Patient movement ☐ Medical supply chain ☐ Fatality management
If Energy is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Power grid ☐ Fuel
If Communications is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Infrastructure ☐ Responder communications ☐ Alerts, warnings, and messages ☐ Finance ☐ 911 and dispatch
If Transportation is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Highway/roadway/motor vehicle ☐ Mass transit ☐ Railway ☐ Aviation ☐ Maritime
If Hazardous material is selected as a primary community lifeline, these additional primary sub-community lifeline options are available.	☐ Facilities ☐ HAZMAT, pollutants, contaminants

Scope of work	
Secondary community lifeline (optional)	(see Primary community lifeline list above)
Secondary sub-community lifeline	(see Primary sub-community lifeline lists above)
Tertiary community lifeline (optional)	(see Primary community lifeline list above)
Tertiary sub-community lifeline	(see Primary sub-community lifeline lists above)
Hazard sources	
Primary hazard source	☐ Biological incident ☐ Chemical incident ☐ Civil disturbance ☐ Cyber incident ☐ Dam/Levee break ☐ Disease ☐ Drought ☐ Earthquake ☐ Explosion ☐ Extreme temperature ☐x Fire ☐ Flooding ☐ Hostile action ☐ Infrastructure failure ☐ Landslide/Debris flow ☐ Nuclear explosion ☐ Radiological incident ☐ Severe Storm ☐ Solar event ☐ Space object ☐ Tornado ☐ Tropical cyclone (Hurricane/Typhoon) ☐ Tsunami ☐ Uncategorized ☐ Volcano ☐ Winter storm

<table>
<tr><th colspan="2">Scope of work</th></tr>
<tr><td>Secondary hazard source (optional)</td><td>(see Primary hazard source list above)
Infrastructure Failure</td></tr>
<tr><td>Tertiary hazard source (optional)</td><td>(see Primary hazard source list above)</td></tr>
<tr><td>If Uncategorized, please specify:</td><td></td></tr>
<tr><td>Is this a phased project?
If you select 'Yes' to phased project question. You must select Phase 1 or Phase 2 on Budget lines.</td><td>☐ Yes
☐ No</td></tr>
<tr><td>Are you doing construction in this project?</td><td>☐ Yes
x☐ No</td></tr>
<tr><td>Population affected</td><td>34%</td></tr>
<tr><td>Detail/description of stated percentage</td><td>Population affected 34%
<table>
<tr><th>Area</th><th>Affected Population</th><th>Total Population</th><th>%</th></tr>
<tr><td>Johnson County</td><td>811</td><td>8447</td><td>10%</td></tr>
<tr><td>Sheridan County</td><td>10141</td><td>30921</td><td>33%</td></tr>
<tr><td>Campbell County</td><td>18521</td><td>47026</td><td>39%</td></tr>
<tr><td>Total</td><td>29473</td><td>86394</td><td>34%</td></tr>
</table></td></tr>
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Provide a clear and detailed description of your proposed activity	The proposed activity involves a comprehensive mapping project aimed at identifying and assessing coal seam fires across Sheridan, Johnson, and Campbell Counties. The project will utilize a combination of advanced aerial mapping technologies and ground truthing techniques to gather detailed data on the location, extent, and activity levels of coal seam fires. 1. **Aerial Mapping:** Utilize aerial thermal imaging and remote sensing technologies to scan large areas for heat anomalies consistent with underground coal seam fires. This approach allows for efficient, wide-scale identification of potential fire locations. 2. **Ground Truthing and Threat Assessment:** Following aerial surveys, ground teams will conduct site inspections to verify thermal anomalies and assess the intensity and scope of the fires. A priority matrix will be developed to rate each fire based on factors such as threat to life, property, complexity of containment, and proximity to critical infrastructure. 3. **Data Integration:** The collected data will be integrated into a Geographic Information System (GIS) to create detailed maps that highlight areas of concern, historical fire activity, and potential risks to surrounding communities and infrastructure. A priority matrix will be created using the data based on threats and complexity identified.

Scope of work	
	4. **Community Engagement and Coordination:** Collaborate with local landowners, public agencies, and neighboring jurisdictions—including Custer County, Montana—to gather local knowledge, secure access permissions, and coordinate mapping efforts. Community input will enhance data accuracy and ensure broad support for follow-up mitigation activities.

How will the mitigation activity be implemented?	**Step 1: Planning and Coordination** Establish a project team consisting of county officials, fire management experts, agencies, and community representatives. Coordinate with local fire departments and emergency services to align efforts and share information. Necessary permissions and agreements will be formed with landowners and public entities for this project. **Step 2: Aerial Mapping** Create aerial mapping execution schedule. Conduct aerial surveys, ensuring proper weather conditions for effective thermal imaging. During this process, data will be collected on identified coal seam fires and areas of potential concern. **Step 3: Ground Verification** Deploy ground teams to locations identified in the aerial mapping phase. Conduct inspections and assessments, documenting findings for data integration. **Step 4: Data Analysis and Reporting** Analyze collected data and generate detailed maps, reports, and recommendations for mitigation strategies. Create a priority matrix based on threat and severity if identified coal seam fires. Share findings with stakeholders and the community to inform safety planning. **Step 5: Ongoing Monitoring and Community Engagement** Implement a plan for periodic monitoring of identified coal seam fires and provide updates to the community. Engage with residents and public stakeholders to gather feedback and incorporate their insights into ongoing safety measures.

Describe how the project is technically feasible and will be effective in reducing the risk by reducing or eliminating damage to property and/or loss of life in the project area. Please include engineering design parameters and references to the following: preliminary schematic or engineering drawings/design; applicable building codes; engineering practices and/or best practices; level of protection (e.g., life safety, 100-yr flood protection with freeboard, 100-yr wind design, etc.):	The proposed project is deemed technically feasible and effective in reducing risks associated with coal seam fires due to the following factors: **Engineering Design Parameters:** The project will utilize state-of-the-art technology capable of capturing high-resolution thermal images, ensuring accurate identification of heat sources. Data will be processed using advanced GIS software to produce comprehensive maps that inform risk assessment and mitigation planning. **Applicable Building Codes, Laws, and Best Practices:** Although this project involves mapping only, the project will adhere to relevant local and state building codes, particularly those concerning fire safety and land management. Best practices in fire management will be implemented, including consultation with experts and incorporation of lessons learned from previous fire events. Further, all necessary permissions and agreements will be formed for this process in accordance with applicable statutes and regulations. **Level of Protection:** The mapping project aims to protect public safety and life by identifying fire locations and informing emergency response plans. Although the project does not directly provide structural protection (e.g., 100-yr flood protection), it significantly contributes to the community's preparedness and ability to respond effectively to fire hazards.

Scope of work	
	By proactively identifying coal seam fires and informing mitigation strategies, the project aims to reduce the risk of property damage and loss of life in the project area. The data-driven approach facilitates informed decision-making for local agencies and fosters community resilience.
Who will manage and complete the mitigation activity?	Campbell, Johnson, and Sheridan Counties in partnership with Campbell, Johnson, and Sheridan County Fire Departments and other government agencies and community stakeholders.

Will the project address the hazards identified and what risks will remain from all hazards after project implementation (residual risk)?	Yes, this project directly addresses key hazards identified in the tri-county area, including land subsidence, air quality degradation, and wildfire ignition risks associated with coal seam fires. The coal seam fire mapping initiative will provide critical data necessary for informed mitigation planning and risk reduction efforts across Sheridan, Johnson, and Campbell Counties. By using aerial imaging and ground verification, the project will enhance local capabilities to assess and manage these unique fire-related threats. **Land Subsidence Risk:** Underground coal seam fires weaken the structural integrity of the ground above them, creating the potential for sudden collapse (sluffing) that could damage homes, roads, pipelines, and other infrastructure. Mapping known fire locations will help identify high-risk zones and guide land use, engineering assessments, and future hazard mitigation strategies. However, **residual risk** remains due to existing fires that may not be extinguishable and the possibility of undetected or newly ignited seams that could continue to pose long-term subsidence threats. **Air Quality Hazards:** Coal seam fires release hazardous gases such as carbon monoxide and sulfur compounds, as well as fine particulate matter that can impact respiratory health. This project will enable better monitoring by locating active fires and estimating emissions sources. While this enhances the ability to issue health advisories and implement mitigation measures, **residual air quality risks** will persist due to the difficulty in fully extinguishing underground fires and the ongoing potential for new ignitions.

Scope of work	
	Wildfire Ignition Potential: The mapping will support wildfire management by identifying coal seam fires that could act as ignition sources during high-risk weather conditions. This aligns with the **Wildland Fire Mitigation and Management Commission Final Report**, which calls for improved wildfire risk mapping and data integration to inform local decision-making. Although this project strengthens fire preparedness and supports community wildfire protection planning, **residual wildfire risks** remain due to broader climatic conditions, vegetation regrowth, and the limitations of controlling underground combustion sources. In summary, the coal seam fire mapping project is a foundational step in addressing key hazards identified in the region. It significantly reduces uncertainty and enhances local capacity to mitigate risks associated with land subsidence, air pollution, and wildfire ignition. However, some residual risks will remain due to the inherent nature of subsurface combustion and the region's exposure to fire-prone conditions. Continued monitoring, planning, and community engagement will be essential for long-term resilience.

Scope of work	
When will the mitigation activity take place?	Directly following award notice – Coordinate necessary permissions and agreements for the project in accordance with applicable statutes and regulations. This activity will be ongoing throughout the project. Summer/Fall 2025 – Release and award bids associated with the execution of this project Fall/Winter 2025 – Aerial Mapping will occur when conditions are ideal Spring/Summer 2026 – Ground Truthing process and Data Integration
Explain why this project is the best alternative. What alternatives were considered to address the risk and why was the proposed activity considered the best alternative?	The decision to pursue aerial mapping and ground truthing is grounded in several advantages. **Accuracy:** Unlike alternatives, such as using historical data alone, the combination of aerial mapping and ground truthing provides actionable data in an efficient manner. **Comprehensive Coverage:** The project encompasses known fire sites and areas that may not have been previously identified in an area vulnerable to wildfire damages. This thorough approach allows for proactive management rather than reactive measures. **Engagement with Technology:** Utilizing advanced mapping technologies enhances the ability to detect and monitor fires that are underground or not visibly active, providing a more complete picture of fire behavior.

Scope of work	
Please identify the entity that will perform any long-term maintenance and provide a maintenance schedule and cost information. The subapplicant or owner of the area to be mitigated is responsible for maintenance (including costs of long-term care) after the project is completed?	In terms of long-term maintenance, a detailed plan will be established. **Responsibilities**: Campbell, Johnson, and Sheridan Counties will be responsible for maintaining the mapping project, storage, and monitoring of the data collected. As applicable any changes in fire activity or newly identified risks will be incorporated into the mapping system. The counties will work with federal and state partners, and with the community, to develop and innovate safety measures. **Schedule**: Review and update of mapping data will be conducted to reflect any known change in conditions. Additional updates may be warranted following community reports of new fire occurrences. **Cost Information**: Funding for long-term maintenance will be allocated from each county budgets, which would also include state or federal resources allocated for emergency management and public safety. As funding opportunities become available for mitigation, the counties will have the data necessary to pursue additional support for ongoing mitigation efforts of identified areas of risk.
Additional comments (optional)	
Attachments	Folder: GIS Data – AOI Map, Coal Seam Fire Mapping Area – Population Folder: Hazard Mitigation Plan 2024-2029 – Hazard Mitigation Plan 2024-2029 Sheridan, Johnson, Campbell Annexes Folder: Wildland Fire Mitigation Management Commission Report

Schedule

Specify the work schedule for the mitigation activities. Add tasks to the schedule. Please include all tasks necessary to implement this mitigation activity; include descriptions and estimated time frames.

Add a Task (complete this table for each task)	
Task name	*Stakeholder Collaboration & Agreements (as necessary)*
Task description	Directly following award notice – Coordinate necessary permissions and agreements for the project in accordance with applicable statutes and regulations. This activity will be ongoing throughout the project.
Start month (number)	07
Task duration (in months)	36

Schedule	
Estimate the total duration of your proposed activities (in months).	36
Proposed start date (MM/DD/YYYY)	07/01/2025
Proposed end date (MM/DD/YYYY)	6/30/2028
Add a Task (complete this table for each task)	
Task name	*RFP & Bid Process*
Task description	Release and award bids associated with the execution of this project
Start month (number)	07
Task duration (in months)	1-3 months

Schedule	
Schedule	
Estimate the total duration of your proposed activities (in months).	1-3 months
Proposed start date (MM/DD/YYYY)	7/1/2025
Proposed end date (MM/DD/YYYY)	9/1/2025
Add a Task (complete this table for each task)	
Task name	*Aerial mapping*
Task description	Aerial Mapping will occur when conditions are ideal
Start month (number)	10
Task duration (in months)	12-24 months
Schedule	
Estimate the total duration of your proposed activities (in months).	12-24 months
Proposed start date (MM/DD/YYYY)	10/1/2025
Proposed end date (MM/DD/YYYY)	9/30/2027
Add a Task (complete this table for each task)	
Task name	*Site Verification Process*
Task description	Ground Truthing process and Data Integration
Start month (number)	10
Task duration (in months)	30
Schedule	

Schedule	
Estimate the total duration of your proposed activities (in months).	30
Proposed start date (MM/DD/YYYY)	10/1/2025
Proposed end date (MM/DD/YYYY)	9/30/2027
Add a Task (complete this table for each task)	
Task name	*Reporting & Compiling Data*
Task description	Compile and integrate data, communicate to public/stakeholders. Update 2024-2029 Hazard Mitigation Plan with new information.
Start month (number)	10
Task duration (in months)	12
Schedule	
Estimate the total duration of your proposed activities (in months).	12
Proposed start date (MM/DD/YYYY)	10/1/2027
Proposed end date (MM/DD/YYYY)	9/30/2028

Budget

Budget cost estimate should directly link to your scope of work and work schedule. You must add at least one item greater than $0 for your cost estimate. Once you have added item(s) for your cost estimate, you may then add the item(s) for management cost (optional). ***FEMA will provide 100 percent federal funding for subrecipient management costs for BRIC program activities.*** *As necessary, please adjust your federal/non-federal cost share, and add the non-federal funding source(s) you are planning to use for this project.*

Add Cost estimate budget item(s)	
Cost type:	Cost estimate
Add an item (complete table for each cost item)	Aerial Mapping and Ground Truthing
Name of cost item	Aerial Mapping and Ground Truthing
Quantity	2,946,301
Unit of measure	☐x Acre ☐ Cubic foot ☐ Cubic yard ☐ Day ☐ Each ☐ Foot ☐ Hour ☐ Inch ☐ Linear foot ☐ Mile ☐ Million board feet ☐ Square foot ☐ Square yard ☐ Square foot per inch ☐ Ton
Unit price	$ .339408634
Unit total	$1,000,000
Budget class	☐ Administrative and legal expenses ☐ Architectural and engineering fees ☐ Construction ☐ Contingencies ☐ Demolition and removal ☐ Equipment rental ☐ Equipment purchase ☐ Land, structures, rights-of-way, appraisals, etc. ☐x Miscellaneous – Professional Services ☐ Other architectural and engineering fees ☐ Project inspection fees ☐ Relocation expenses and payments ☐ Site work
Pre-award	☐ Yes ☐ xNo

Add Cost estimate budget item(s)	
Project phase	☐ Phase 1 ☐ Phase 2 ☐ x Not applicable
Total budget cost	$

Management cost (optional) is the line item(s) to support the scope of work for the execution and completion of the project. Be sure to include the cost associated with managing the project/initiative/activity. The total amount of management costs cannot exceed 5% of the total Cost estimate amount.

Add Management cost budget item(s)	
Cost type:	Management cost
Item	☐ Equipment ☐ Office Space Rental ☐ Other ☐ Salaries ☐ Supplies ☐ Travel
Quantity	
Unit of measure	☐ Acre ☐ Cubic foot ☐ Cubic yard ☐ Day ☐ Each ☐ Foot ☐ Hour ☐ Inch ☐ Linear foot ☐ Mile ☐ Million board feet ☐ Square foot ☐ Square yard ☐ Square foot per inch ☐ Ton
Unit price	$
Unit total	

Add Management cost budget item(s)	
Budget class	☐ Construction ☐ Contractual ☐ Equipment ☐ Fringe benefits ☐ Indirect charges ☐ Other ☐ Personnel ☐ Supplies ☐ Travel
Pre-award	☐ Yes ☐ No
Project phase	☐ Phase 1 ☐ Phase 2 ☐ xNot applicable
Management cost total	$

Grand total (Cost estimate total + Management cost total)	$1,000,000
Program income (optional)	

Cost share

Cost share or matching means the portion of project costs not paid by federal funds.

Hazard mitigation assistance (HMA) funds may be used to pay up to 75% federal share of the eligible activity costs. Small impoverished communities may be eligible for up to 90% federal share for Building Resilient Infrastructure and Communities (BRIC) funding. Flood Mitigation Assistance (FMA) and severe repetitive loss (SRL) properties may be eligible for up to 100% federal share. Repetitive loss (RL) properties may be eligible for up to 90% federal share.

Proposed federal vs. non-federal funding shares	
Is this a small impoverished community? (See Appendix for definition) This determines your federal/non-federal share ratio.	☐ Yes ☐ x No
If Yes	▪ Federal Share Percentage 90% ▪ Non-Federal Share Percentage 10%
Based on total budget cost	$
Proposed federal share	$
Proposed non-federal share	
If No	▪ Federal Share Percentage 75% ▪ Non-Federal Share Percentage 25%
Based on total budget cost	$250,000
Proposed federal share	$750,000

Non-federal funding share is that portion of the total costs of the program provided by the non-federal entity in the form of in-kind donations or cash match received from third parties or contributed by the agency. In-kind contributions must be provided and cash expended during the project period along with federal funds to satisfy the matching requirements.

Add funding source (complete this table for each funding source)	
Funding source	Local Funds
Name of source agency	Campbell County
Funding amount	$127,500
Percent non-federal share by source	51 %

Add funding source (complete this table for each funding source)	
Funding type	☐ Administration ☐x Cash ☐ Consulting fees ☐ Engineering fees ☐ Equipment operation/rental ☐ x Labor ☐ Other ☐ Program income ☐ Supplies
Date of availability (MM/DD/YYYY)	6/3/2025
Fund commitment letter date (MM/DD/YYYY)	6/3/2025
Total percent non-federal share	51%
Please provide any addition comments (optional)	
Attachments	Folder: Match Commitment by County – Campbell County Match Letter
Add funding source (complete this table for each funding source)	
Funding source	Local Funds
Name of source agency	Johnson County
Funding amount	$42,500
Percent non-federal share by source	17%
Funding type	☐ Administration ☐x Cash ☐ Consulting fees ☐ Engineering fees ☐ Equipment operation/rental ☐ x Labor ☐ Other ☐ Program income ☐ Supplies
Date of availability (MM/DD/YYYY)	6/2/2025

Add funding source (complete this table for each funding source)	
Fund commitment letter date (MM/DD/YYYY)	6/2/2025
Total percent non-federal share	17%
Please provide any addition comments (optional)	Folder: Match Commitment by County – Johnson County Match Letter
Add funding source (complete this table for each funding source)	
Funding source	Local Funds
Name of source agency	Sheridan County
Funding amount	$80,000
Percent non-federal share by source	32 %
Funding type	☐ Administration ☐x Cash ☐ Consulting fees ☐ Engineering fees ☐ Equipment operation/rental ☐x Labor ☐ Other ☐ Program income ☐ Supplies
Date of availability (MM/DD/YYYY)	6/2/2025
Fund commitment letter date (MM/DD/YYYY)	6/2/2025
Total percent non-federal share	32%
Please provide any addition comments (optional)	Folder: Match Commitment by County – Sheridan County Match Letter
Attachments	Folder: Match Commitment Letters by County – Campbell County Match Letter, Sheridan County Match Letter, Johnson County Match Letter Folder: Budget Breakdown by County – Cost Estimate Breakdown

Cost-Effectiveness - Will be completed with Region 8 after submission of application

Cost-Effectiveness	
How was cost-effectiveness determined for this project?	☐ BCA completed in FEMA's BCA toolkit (Must attach the export file, zip file, pdf file, and other supporting documentation) ☐ Pre-calculated benefits ☐ Substantial Damage in Special Flood Hazard Area ☐ Other BCA methodology approved by FEMA in writing ☐ Not applicable
If Not applicable, explain why this project is not applicable	
Pre-calculated benefits selections	☐ Acquisitions in the special flood hazard area ☐ Elevations in the special flood hazard area ☐ Mitigation reconstruction in the special flood hazard area ☐ Individual tornado safe rooms ☐ Residential hurricane wind retrofits ☐ Non-residential hurricane wind retrofits ☐ Post-wildfire mitigation
What are the total project benefits?	$
What is the total project cost?	$
What is the benefit cost ratio (BCR) for the entire project?	
Was sea level rise incorporated into the flood elevations in the BCA?	☐ Yes ☐ No
Were environmental benefits added to the project benefits?	☐ Yes ☐ No
Were social benefits added to the project benefits?	☐ Yes ☐ No
Does the mitigation measure incorporate nature-based solutions?	☐ Yes ☐ No

Cost-Effectiveness	
Please provide any additional comments.	
Attachments	

Environmental/Historic Preservation (EHP) Review Information

An environmental/historic preservation review is required for all activities for which FEMA funds are being requested. FEMA will complete this review with the assistance of both the state or tribal government and the local applicant. It is important that you provide accurate information. If you are having problems completing this section, please contact your application point of contact.

A. National Historic Preservation Act - Historic Buildings and Structures	
1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age?	☐ Yes ☐ xNo ☐ Not known
If Yes, you must confirm that you have provided the following:	☐ The property address and original date of construction for each property affected (unless this information is already noted in the Properties section) ☐ A minimum of two color photographs showing at least three sides of each structure (Please label the photos accordingly) ☐ A diagram or USGS 1:24,000 scale quadrangle map displaying the relationship of the property(s) to the project area

A. National Historic Preservation Act - Historic Buildings and Structures	
If Yes, to help FEMA evaluate the impact of the project, please indicate any other information you are providing.	☐ Information gathered about potential historic properties in the project area, including any evidence indicating the age of the building or structure and presence of buildings or structures that are listed or eligible for listing on the National Register of Historic Places or within or near a National Register listed or eligible historic district. Sources for this information may include the State Historic Preservation Officer, and/or the Tribal Historic Preservation Officer (SHPO/THPO), your local planning office, historic preservation organization, or historical society. ☐ Consideration of how the project design will minimize adverse effects on known or potential historic buildings or structures, and any alternatives considered or implemented to avoid or minimize effects on historic buildings or structures. Please address and note associated costs in your project budget. ☐ For acquisition/demolition projects affecting historic buildings or structures, any data regarding the consideration and feasibility of elevation, relocation, or flood proofing as alternatives to demolition. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
Attachments	

B. National Historic Preservation Act - Archeological Resources	
1. Does your project involve disturbance of ground?	☐ Yes ☐x No ☐ Not known
If Yes, please confirm that you have provided the information below by selecting each checkbox. (If you have not provided these documents in any other section of the application, please attach the required documents below.)	☐ A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location. ☐ The past use of the area to be disturbed, noting the extent of previously disturbed ground. ☐ A USGS 1:24,000 scale or other site map showing the location and extent of ground disturbance.
If Yes, to help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)	☐ Any information about potential historic properties, including archeological sites, in the project area. Sources of this information may include SHPO/THPO, and/or the Tribe's cultural resources contact if no THPO is designated. Include, if possible, a map showing the relation of any identified historic properties to the project area. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
Attachments	

C. Endangered Species Act and Fish and Wildlife Coordination Act	
1. Are Federally listed threatened or endangered species or their critical habitat present in the area affected by the project?	☐ Yes ☐x No ☐ Not known

C. Endangered Species Act and Fish and Wildlife Coordination Act	
If Yes, please confirm that you have provided the information below by selecting each checkbox. (If you have not provided these documents in any other section of the application, please attach the required documents below.)	☐ Information you obtained to identify species in or near the project area. Provide the source and date of the information cited.
If Yes, to help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)	☐ Any request for information and associated response from the USFWS, the National Marine Fisheries Service (NMFS) (for affected ocean-going fish), or your State Wildlife Agency, regarding potential listed species present and potential of the project to impact those species. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
2. Does your project remove or affect vegetation?	☐ Yes ☐ xNo ☐ Not known
If Yes, please confirm that you have provided the information below by selecting each checkbox. (If you have not provided these documents in any other section of the application, please attach the required documents below.)	☐ Description of the amount (area) and type of vegetation to be removed or affected. ☐ A site map showing the project area and the extent of vegetation affected. ☐ Photographs or digital images that show both the vegetation affected and the vegetation in context of its surroundings.
If Yes, to help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)	☐ Attached materials or additional comments.

C. Endangered Species Act and Fish and Wildlife Coordination Act	
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water?	☐ Yes ☐ x No ☐ Not known
If Yes, and project is not within an existing building, you must confirm that you have provided the following: (If you have not provided these documents in any other section of the application, please attach the required documents below.)	☐ A USGS 1:24,000 scale quadrangle map showing the project activities in relation to all nearby water bodies (within 200 feet). ☐ Any information about the type of water body nearby including: its dimensions, the proximity of the project activity to the water body, and the expected and possible changes to the water body, if any. Identify all water bodies regardless whether you think there may be an effect ☐ A photograph or digital image of the site showing both the body of water and the project area.
If Yes, to help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)	☐ Evidence of any discussions with the US Fish and Wildlife Service (USFWS), and/or your State Wildlife Agency concerning any potential impacts if there is the potential for the project to affect any water body. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
Attachments	

D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)	
1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as "waters of the U.S" as identified by the US Army Corps of Engineers or on the National Wetland Inventory?	☐ Yes ☐ x No ☐ Not known
If Yes, please confirm that you have provided the information below by selecting each checkbox. (If you have not provided these documents in any other section of the application, please attach the required documents below.)	☐ Documentation of the project location on a USGS 1:24,000 scale topographic map or image and a copy of a National Wetlands Inventory map or other available wetlands mapping information. ☐ A copy of a National Wetlands Inventory map or other available wetlands mapping information.
If Yes, to help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)	☐ Request for information and response letter from the US Army Corps of Engineers and/or State resource agencies regarding the potential for wetlands, and applicability of permitting requirements. ☐ Evidence of alternatives considered to eliminate or minimize impacts to wetlands. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
Attachments	

E. Executive Order 11988 (Floodplain Management)	
1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBM), hydrologic study, or some other source indicate that the project is located in or will affect a 100 year floodplain, a 500 year floodplain if a critical facility, an identified regulatory floodway, or an area prone to flooding?	☐ Yes ☐ x No ☐ Not known
If Yes, please indicate and/or provide any documentation to identify the means or the alternatives considered to eliminate or minimize impacts to floodplains (See the 8 step process found in 44 CFR Part 9.6.) to help FEMA evaluate the impact of the project.	
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation?	☐ Yes ☐ x No ☐ Not known
If Yes, please indicate any other information you are providing to help FEMA evaluate the impact of the project.	☐ Hydrologic/hydraulic information from a qualified engineer to demonstrate how drainage and flood flow patterns will be changed and to identify down and upstream effects. ☐ Request for information and response letter from the State water resource agency, if applicable, with jurisdiction over modification of waterways. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	

E. Executive Order 11988 (Floodplain Management)	
Attachments	

F. Coastal Zone Management Act	
1. Is the project located in the State's designated coastal zone?	☐ Yes ☐ xNo ☐ Not known
If Yes, please indicate any other information you are providing to help FEMA evaluate the impact of the project.	☐ Information resulting from contact with the appropriate State agency that implements the coastal zone management program regarding the likelihood of the project's consistency with the State's coastal zone plan and any potential requirements affecting the cost or design of the proposed activity. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
Attachments	

G. Farmland Protection Policy Act	
1. Will the project convert more than 5 acres of "prime or unique" farmland outside city limits to a non-agricultural use?	☐ Yes ☐x No ☐ Not known
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
Attachments	

H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)	
1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project?	☐ Yes ☐ x No ☐ Not known
If Yes, please indicate any other information you are providing to help FEMA evaluate the impact of the project.	☐ Comments and any relevant documentation. ☐ Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project?	☐ Yes ☐ No ☐ Not known
If Yes, please indicate any other information you are providing to help FEMA evaluate the impact of the project.	☐ Comments and any relevant documentation. ☐ Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	

H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)	
3. Does any project construction or operation activities involve the use of hazardous or toxic materials?	☐ Yes ☐x No ☐ Not known
If Yes, please indicate any other information you are providing to help FEMA evaluate the impact of the project.	☐ Comments and any relevant documentation. ☐ Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of, or addressing the effects of hazardous or toxic materials related to project implementation. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review. (optional)	
4. Do you know if any of the current or past land-uses of the property affected by the proposed project or of the adjacent properties are associated with hazardous or toxic materials?	☐ Yes ☐ x No ☐ Not known
If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project.	☐ Comments and any relevant documentation. ☐ Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation. ☐ Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review.	

H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)	
Attachments	

I. Executive Order 12898, Environmental Justice for Low Income and Minority Populations	
1. Are there low income or minority populations in the project's area of effect or adjacent to the project area?	☐ Yes ☐ No ☐ x Not known
If Yes, you must confirm that you have provided the following:	☐ Description of any disproportionate and adverse effects to these populations.
To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:	☐ Description of the population affected and the portion of the population that would be disproportionately and adversely affected. Please include specific efforts to address the adverse impacts in your proposal narrative and budget. ☐x Attached materials or additional comments.
If Yes or Not Known, please provide an explanation and any information about this project that could assist FEMA in its review.	N/A - While some of these residents may reside in the area to be mapped, there is not a known disproportionate adverse affect of this mapping project on low income or minority populations.
Attachments	Folder GIS Data: AOI Map, Coal Seam Fire Mapping - Population

J. Other Environmental/Historic Preservation Laws or Issues	
1. Are there other environmental/historic preservation requirements associated with this project that you are aware of?	☐ Yes ☐x No
If Yes, please indicate a description of the requirements, issues, or public involvement effort.	
2. Are there controversial issues associated with this project?	☐x Yes ☐ No ☐ Not known
If Yes, please indicate a description of the requirements, issues, or public involvement effort.	Campbell, Sheridan, and Johnson Counties will follow all applicable laws and regulations when it comes to the surveillance of privately owned land. This will also entail coordination and agreement of cooperation when mapping land held by public entities. Coordination and outreach efforts will be required to gain all necessary permissions and form agreements in accordance with the law.
If Yes or Not Known, please indicate why in the text box below and any information about this project that could assist FEMA in its review.	
3. Have you conducted any public meeting or solicited public input or comments on your specific proposed mitigation project?	X ☐ Yes ☐ No

J. Other Environmental/Historic Preservation Laws or Issues	
If Yes, please indicate a description of the requirements, issues, or public involvement effort.	A public stakeholder meeting was held on May 22, 2025 at 5:30pm in partnership with Campbell County Conservation District. Landowners and various representatives from public entities including the Bureau of Land Management, Campbell County Weed and Pest, Campbell County Public Works, Congresswoman Harriet Hageman's office, and Campbell County Fire Departments were in attendance. A working group of stakeholders from Campbell, Johnson, and Sheridan Counties has been formed to work on this application and gather feedback. The group met on 4/25/25, 5/2/25, 5/7/25, 5/9/2025, 5/15/2025, 5/21/2025, 5/23/2025, 5/28/2025, 5/30/2025. This working group is comprised of county staff and public information officers, county emergency management coordinators, and fire department personnel, and Campbell County Conservation District. Additionally, other federal and state stakeholders were contacted to follow up on the May 22, 2025 meeting and asked if additional information was needed or if they had feedback or concerns. A meeting with the local representative at the Bureau of Land Management was also conducted. Campbell, Johnson, and Sheridan County Commissioners have also been involved in the process. A collaborative partner is also the Custer County, Montana Emergency and Disaster Coordinator, as it is an adjacent community with experience implementing a project of this nature. Letters of support have been provided by Representative Hageman and Senator Lummis for this grant application.

J. Other Environmental/Historic Preservation Laws or Issues	
Attachments	Folder: Special Meeting Notice, Agenda, and Minutes – Special Meeting Notice & Agenda 05.22.25, 05.22.2025 Special Meeting, Link to Special Meeting Recording, Custer County, MT Presentation 05.22.2025 Folder: Letter of Support - Congress – Rep. Hageman Letter of Support, Sen. Lummis Letter of Support Folder: Press Reports – Special Meeting 5.22.25 Coverage

K. Summary and Cost of Potential Impacts	
1. Having answered the questions in parts A. through J., have you identified any aspects of your proposed project that have the potential to impact environmental resources or historic properties?	☐ Yes ☐x No
If Yes, you must confirm that you have provided the following: (If you have not provided these documents in any other section of the application, please attach the required documents below.)	☐ Evaluated these potential effects and provided the materials required in Parts A through J that identify the nature and extent of potential impacts to environmental resources and/or historic properties. ☐ Consulted with appropriate parties to identify any measures needed to avoid or minimize these impacts. ☐ Considered alternatives that could minimize both the impacts and the cost of the project. ☐ Made certain that the costs of any measures to treat adverse effects are realistically reflected in the project budget estimate.

K. Summary and Cost of Potential Impacts	
If Yes, please enter your comments. (optional) (Please indicate why and any information about this project that could assist FEMA in its review.)	
Attachments	

Evaluation

Evaluation	
Is the applicant participating in the Community Rating System (CRS)? https://www.fema.gov/national-flood-insurance-program-community-rating-system	☐ Yes ☐x No
If Yes, what is their CRS rating?	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10
Is the applicant a Cooperating Technical Partner (CTP)? https://www.fema.gov/cooperating-technical-partners-program	☐ Yes ☐ No
Was this created from a previous FEMA HMA Advance assistance/Project scoping award?	☐ Yes ☐x No
If yes, please provide the project identifier.	
Has the recipient adopted building codes consistent with the International Codes? https://www.iccsafe.org/advocacy	☐ x Yes ☐ No
If Yes, enter year of building code.	2024
If Yes, please provide the building code.	2024 International Building Code 2024 International Residential Code 2024 International Mechanical Code 2024 International Plumbing Code 2024 International Gas Code 2024 International Fire Code 2024 International Existing Building Codes

Evaluation	
Have the applicant's building codes been assessed on the Building Code Effectiveness Grading Schedule (BCEGS))? http://www.isomitigation.com/bcegs	☐ xYes ☐ No
If Yes, what is their BCEGS rating?	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ x 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10

Describe involvement of partners to enhance the mitigation activity outcome.	The involvement of partners is crucial for enhancing the outcomes of the mitigation activities associated with the coal seam fire mapping project. The collaborative efforts initiated through the public stakeholder meeting held on May 22, 2025, serve as a foundation for this partnership approach. Here's how these partnerships will enhance the project: **Local Engagement:** The formation of a working group comprising stakeholders from Campbell, Johnson, and Sheridan Counties ensures that local knowledge and concerns are incorporated into the project. This diverse group will provide valuable insights into the specific conditions and challenges faced in their regions, fostering community buy-in and support for the mapping efforts. **Feedback and Collaborative Improvement**: By engaging with both federal and state stakeholders post-meeting, the project team can collect essential feedback and address any potential concerns. This iterative process strengthens the project's foundation and builds confidence among stakeholders that their voices are heard and valued, leading to more effective mitigation strategies. **Strategic Collaboration**: The collaboration with Custer County, Montana, an adjacent community experienced in similar projects, offers a wealth of knowledge and best practices. Their insights into successful project implementation can guide the current initiative, helping to avoid common pitfalls and adopt proven methodologies that enhance the effectiveness of the mapping efforts.

Evaluation	
	Resource Sharing: Partnerships can facilitate the sharing of technical resources, tools, and funding opportunities. Leveraging the strengths of various stakeholders will enhance the overall capacity of the project team to conduct thorough mapping and analysis, ultimately leading to more effective mitigation outcomes.

Discuss how anticipated future conditions are addressed by this project.	The coal seam fire mapping project is specifically designed to address anticipated future conditions by establishing a proactive framework for identifying, monitoring, and managing a unique but increasingly relevant hazard. As climate change continues to drive more frequent and intense wildfires, the likelihood of coal seam fires igniting and spreading is expected to grow—especially in regions like northeastern Wyoming, where coal deposits are widespread and surface conditions are increasingly vulnerable due to vegetation loss and soil degradation. **1. Enhancing Preparedness and Response Capabilities:** By systematically identifying current and potential coal seam fire locations across Sheridan, Johnson, and Campbell Counties, this project equips local emergency managers and responders with critical information to prepare for future ignition events. Understanding where these fires are most likely to occur allows for tailored response planning, more strategic resource allocation, and improved coordination with landowners and other stakeholders. **2. Supporting Targeted Mitigation Actions:** Precise fire mapping supports the identification of high-risk areas where preventive actions—such as limiting public access, monitoring for heat anomalies, or stabilizing surface soils—can be taken to reduce the likelihood of ignition or escalation. These forward-looking mitigation efforts are especially important as future wildfire seasons are projected to become more severe.

	3. Informing Policy and Land Use Planning: The project's data outputs will inform long-term planning and risk assessments. As recommended in the *Wildland Fire Mitigation and Management Commission Final Report (2023)*, integrating robust hazard data into land use, zoning, and development decisions is essential for adapting to a changing risk landscape. Coal seam fire mapping directly supports this recommendation by providing localized, actionable information to policymakers. **4. Building Community Awareness and Resilience:** Public outreach is a core component of this project. Sharing coal seam fire location data with local communities, landowners, and public agencies will raise awareness of risks and empower individuals to take appropriate precautions. This is especially vital in post-wildfire recovery areas where human disturbance can expose underground coal seams to oxygen, increasing ignition potential. **5. Advancing Broader Environmental and Public Health Goals:** The project aligns with the Commission's broader vision for reducing disaster exposure and enhancing climate resilience. By addressing a long-overlooked but hazardous fire risk, this initiative supports environmental stewardship, air quality protection, and community health—furthering national goals for wildfire adaptation and risk reduction.

Evaluation	
	Conclusion: By anticipating and addressing the conditions likely to emerge from climate change, increased fire activity, and land use pressures, the coal seam fire mapping project delivers critical risk intelligence that strengthens regional preparedness and long-term resilience. It meets both local needs and aligns with national priorities outlined in the 2023 *Wildland Fire Mitigation and Management Commission Final Report*, making it a timely and strategic investment.
Additional comments (optional)	
Attachments	Folder: Other Documents - Campbell County - Building Codes Amendment from 2021 to 2024 Folder: Wildland Fire Mitigation Management Commission Report

Location

Project Location	
Provide a detailed description of the proposed project's location.	East half of Sheridan County, Northeast corner of Johnson County, North half of Campbell County all located in north central, northeast Wyoming. 44°33'50.63"N or 44.564064
Latitude (e.g. -80.430101, should be between -90 to +90, but not 0)	44°33'50.63"N or 44.564064
Longitude (e.g. 100.430101, should be between -180 to +180, but not 0)	106° 0'34.30"W or - 106.009528
Attachments	Folder: GIS Data – AOI Map

Project Benefiting Area	
Provide a detailed description of the proposed project's benefiting area	**Campbell County:** BLM – 1,504,676 State – 95,957 USDA – Forest Services – 48,189 Private – 1,187,821 **Johnson County:** BLM – 116,107 State – 48,505 Private – 328, 794 **Sheridan County:** BLM - 48,838 Acres Department of Ag – 227 Acres Department of Defense – 3,920 Department of Veterans Affairs – 258 Local Government 1,215 Private – 800,708 Sate – 92,870 Water – 132 Blank – 46 Area includes burn scars and many diverse ecosystems
Attachments	Folder GIS Data: AOI Map, Campbell County GIS, Sheridan County GIS, Johnson County GIS, Coal Seam Fire Mapping - Population

Project Impact Area	
Provide a detailed description of the proposed project's impact area	See GIS Data
Attachments	Folder GIS Data: AOI Map, Campbell County GIS, Sheridan County GIS, Johnson County GIS, Coal Seam Fire Mapping - Population

Project Site Inventory	
Does this project subapplication propose to mitigate a property/structure(s)? (Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.)	☐ Yes ☐x No
If Yes, do you know the location of the structure?	☐ Yes ☐ No
If Yes, enter the details of the property into the HMA Location Template spreadsheet, located at https://www.fema.gov/media-library-data/1591110757471-ecd329024debffd2dd5e2367938e90b2/FEMAHMALocationTemplate.xlsx	

Assurances and Certifications

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form.

Lobbying	
As required by section 1352, Title 31 of the U.S. Code, and implemented at 44 CFR Part 18, for persons entering into a grant or cooperating agreement over $ 100,000, as defined at 44 CFR Part 18, the applicant certifies that: (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement. (b) If any other funds than Federal appropriated funds have been paid or will be paid to any other person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or an employee of Congress, or employee of a member of Congress in connection with this Federal Grant or cooperative agreement, the undersigned shall complete and submit Stand Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. (c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontracts) and that all subrecipients shall certify and disclose accordingly.	☐x Applicant will NOT use federal appropriated funds for lobbying purposes. ☐ Applicant will use non-appropriated funds for lobbying purposes. If so, complete Standard Form LLL “Disclosure of Lobbying Activities” below.

Standard Form-LLL “Disclosure of Lobbying Activities”	
This form must be attached to certification if non-appropriated funds are to be used to influence activities.	

Standard Form-LLL "Disclosure of Lobbying Activities"	
1. Type of federal action:	☐ Contract ☐ Cooperative agreement ☐ Grant ☐ Loan ☐ Loan guarantee ☐ Loan insurance
2. Status of federal action:	☐ Bid/offer/application ☐ Initial award ☐ Post award
3. Report Type:	☐Initial filing ☐ Material change
4. Name and address of reporting entity:	☐ Prime ☐SubAwardee
If SubAwardee, enter tier, if known: (optional)	
Name	
Street 1	
Street 2 (optional)	
City	
State (optional)	
Zip (optional)	
Zip extension (optional)	
Congressional district, if known: (optional)	
5. If SubAwardee, enter name and address of prime below.	
Name	
Street 1	

Standard Form-LLL “Disclosure of Lobbying Activities”	
Street 2 (optional)	
City	
State (optional)	
Zip (optional)	
Zip extension (optional)	
Congressional district, if know: (optional)	
6. Federal department/agency:	
7. Federal program name/description:	
CFDA number, if applicable: (optional)	
8. Federal action number, if known: (optional)	
9. Award amount, if known: (optional)	$
10. Name and address of lobbying registrant:	
Prefix (optional)	☐ Dr. ☐ Miss ☐ Mr. ☐ Mrs. ☐ Ms. ☐ Rev.
First name	
Middle name (optional)	
Last name	

Standard Form-LLL “Disclosure of Lobbying Activities”	
Suffix (optional)	☐ Jr. ☐ MD ☐ PHD ☐ Sr.
Street 1	
Street 2 (optional)	
City	
State (optional)	
Zip (optional)	
Zip extension (optional)	
10b. Individual performing services: (including address if different from No. 10a)	
Prefix (optional)	☐ Dr. ☐ Miss ☐ Mr. ☐ Mrs. ☐ Ms. ☐ Rev.
First name	
Middle name (optional)	
Last name	
Suffix (optional)	☐ Jr. ☐ MD ☐ PHD ☐ Sr.
Street 1	
Street 2 (optional)	

Standard Form-LLL "Disclosure of Lobbying Activities"	
City	
State (optional)	
Zip (optional)	
Zip extension (optional)	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.	

3. Drug-Free Workplace (Grantee other than individuals)	
As required by the Drug-Free Workplace Act of 1988, and implemented at 44 CFR Part 17, Subpart F, for grantees, as defined at 44 CFR Part 17.615 and 17.620.	
A. The applicant certifies that it will continue to provide a drug-free workplace by;	

3. Drug-Free Workplace (Grantee other than individuals)	
(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;	
(b) Establishing an on-going drug free awareness program to inform employees about (1) The dangers of drug abuse in the workplace; (2) The grantee's policy of maintaining a drug-free workplace; (3) Any available drug counseling, rehabilitation, and employee assistance programs; and (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.	
(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);	
(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will- (1) Abide by the term of the statement; and (2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring ion the workplace no later than five calendar days after such convictions.	

3. Drug-Free Workplace (Grantee other than individuals)	
(e) Notifying the agency, in writing, within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position, title, to the applicable FEMA awarding office, i.e., regional office or FEMA office.	
(f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is convicted- (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation act of 1973, as amended; or (2) Requiring such an employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;(g) Making a good faith effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e) and (f).	
B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:	
Place of performance (street address, city, county, state, ZIP code) (optional)	Campbell County 500 South Gillette Ave, Suite 1100 Gillette, WY 82716

3. Drug-Free Workplace (Grantee other than individuals)	
There are workplaces on file that are not identified.	☐x Yes