

Entire Application

Applicant's Acknowledgements

- * I certify the DUNS number in this application is our only DUNS number and we have confirmed it is active in SAM.gov as the correct number.
- * As required per 2 CFR § 25.205, I certify that prior to submission of this application I have checked the DUNS number listed in this application against the SAM.gov website and it is correct and active at time of submission.
- * I certify that the applicant organization has consulted the appropriate Funding Opportunity Announcement and that all requested activities are programmatically allowable, technically feasible and can be completed within the award's Period of Performance (POP).
- * I certify that the applicant organization is aware that this application period is open from 03/16/2015 to 04/17/2015 and will close at 5 PM EDT; further that the applicant organization is aware that once an application is submitted, even if the application period is still open, a submitted application cannot be changed or released back to the applicant for modification.
- * I certify that the applicant organization is aware that it is solely the applicant organization's responsibility to ensure that all activities funded by this award(s) comply with all applicable Federal regulations, laws, and Executive Order to include Federal Environmental Planning and Historic Preservation (EHP) regulations and Procurement regulations as per 2 C.F.R. § 200.317 through 2 C.F.R. § 200.326 and other applicable federal laws and standards. The EHP Screening Form designed to initiate and facilitate the EHP Review is available at: <http://www.fema.gov/media-library/assets/documents/30521?id=90195>.
- * I certify that the applicant organization is aware that the applicant organization is ultimately responsible for the accuracy of all application information submitted. Regardless of the applicant's intent, the submission of information that is false or misleading may result in actions by FEMA that include, but are not limited to: the submitted application not being considered for award, an existing award being locked pending investigation, or referral to the Office of the Inspector General.

Signed by **Monica Colby** on **2015-04-17**

Overview

* Are you a member, or are you currently involved in the management of the fire department or organization applying for this grant with this application?	
Yes, I am a member/officer/employee of this applicant	

If you answered **No**, you must please complete the Preparer information below. If you answered **Yes**, please skip the Preparer Information section.

Note: Fields marked with an * are required.

Preparer Information	
*Preparer's Name	
*Address 1	
Address 2	
*City	
*State	
*Zip	-
	Need help for ZIP+4?
*Primary Phone	Ext. Select
*Email	

In the space below please list the person your organization has selected to be the **Primary Point of Contact** for this grant. This should be an officer or member of the fire department or an employee of the organization applying for the grant that will see this grant through completion and has the authority to make decisions on and to act upon this grant application.

The Primary Contact, as listed below, is the person for which all exchanges of information will be made relative to the application; all information provided must be specific to the contact listed. The Primary Contact must be an employee of the fire department or organization applying for the grant and shall not be a grant writer or a non-employee of the fire department or organization.

In addition to the Primary Contact information, you will be asked to provide two (2) Alternate Points of Contact on the next page. The Alternate contacts must be familiar with the application and should be able to answer any questions relative to this application in the event that Primary Point of Contact is unavailable. When you are finished, click the Save and Continue button below.

Reminder: Please list only phone numbers and email addresses where we can get in *direct contact* with the respective point of contact(s). If this contact changes at any time during the period of performance please update this information.

Note: Fields marked with an * are required.

Primary Point of Contact	
*Title	Fire and Life Safety Specialis
Prefix	N/A
*First Name	Monica
Middle Initial	
*Last Name	Colby
*Primary Phone	605-939-5209 Ext. Type cell
*Secondary Phone	605-394-5233 Ext. 6108 Type work
Optional Phone	Ext. Type Select
Fax	605-394-5235
*Email	monica.colby@rcgov.org
* Is there a grant-writing fee associated with the preparation of this request? This fee must be specifically identified and listed in the application "Request Details" section as a budget line item in order to be eligible for reimbursement.	No
Fees for grant writers may be included as a pre-award or pre-application expenditure. However, fees payable on a contingency basis are not an eligible expense. For grant writer fees to be eligible as a pre-award expenditure they must be paid prior to award, (i.e., paid within 60 days of the end of the application period).	
If you answered yes above, what is the fee?	\$

Contact Information

Alternate Contact 1 Information	
* Title	Chief Deputy State Fire Marsha
Prefix	Mr.
* First Name	Rich
Middle Initial	
* Last Name	Broderick
* Primary Phone	605-394-5233 Ext. 6104 Type work
* Secondary Phone	605-390-9282 Ext. Type cell
Optional Phone	Ext. Type Select
Fax	605-390-5235
* Email	richard.broderick@rcgov.org

Alternate Contact 2 Information	
* Title	Assistant Chief
Prefix	Mr.
* First Name	Rod
Middle Initial	
* Last Name	Seals
* Primary Phone	650-394-4180 Ext. 1004 Type work
* Secondary Phone	605-390-4510 Ext. Type cell
Optional Phone	Ext. Type Select
Fax	605-394-6754
* Email	rod.seals@rcgov.org

Applicant Information**EMW-2014-FP-00979**

Originally submitted on 04/17/2015 by Rod Seals (Userid: rlehmann)

Contact Information:**Address: 10 Main St****City: Rapid City****State: South Dakota****Zip: 57701****Day Phone: 6053944180X1004****Evening Phone: 6053904510****Cell Phone: 6053904510****Email: rod.seals@rcgov.org****Application number is EMW-2014-FP-00979**

* Organization Name	Rapid City Department of Fire & Emergency Services
* Are you a Fire Department?	Yes
* Type of Applicant	Fire Department
If "Other", please enter the type of Applicant	
What kind of Fire Department do you represent?	All Paid/Career
If you answered "Combination" above, what is the percentage of career members in your organization?	
* Are you a non-fire based EMS?	No
* Type of community served?	Urban
SAM.gov (System For Award Management)	
* What is the legal name of your Entity as it appears in SAM.gov? Note: This information must match your SAM.gov profile if your organization is using the DUNS number of your Jurisdiction.	Rapid City, City of
* What is the legal business address of your Entity as it appears in SAM.gov ? Note: This information must match your SAM.gov profile if your organization is using the DUNS number of your Jurisdiction.	
* Mailing Address 1	300 6th St
Mailing Address 2	
* City	Rapid City
* State	South Dakota
* Zip	57701 - 5034 Need help for ZIP+4?
* Employer Identification Number (i.e. 12-3456789) Note: This information must match your SAM.gov profile.	46-6000380
* Is your organization using the DUNS number of your Jurisdiction?	Yes
* I certify that my organization is authorized to use the DUNS number of my Jurisdiction provided in this application. (Required if you select Yes above)	<input checked="" type="checkbox"/>
* What is your 9 digit DUNS number ?	057222119 (call 1-866-705-5711 to get a DUNS number)
If you were issued a 4 digit number (DUNS plus 4) by your Jurisdiction in addition to your 9 digit number please enter it here.	

<p>Note: This is only required if you are using your Jurisdiction's DUNS number and have a separate bank account from your Jurisdiction. Leave the field blank if you are using your Jurisdiction's bank account or have your own DUNS number and bank account separate from your Jurisdiction.</p>	
<p>* Is your DUNS Number registered in SAM.gov (System for Award Management previously CCR.gov)?</p>	<p>Yes</p>
<p>* I certify that my organization/entity is registered and active at SAM.gov and registration will be renewed annually in compliance with Federal regulations. I acknowledge that the information submitted in this application is accurate, current and consistent with my organization's/entity's SAM.gov record.</p>	<p><input checked="" type="checkbox"/></p>
<p>* Please describe your organization and/or community that you serve</p>	<p>Rapid City Fire Department is the second largest fire department in the state serving the second largest city in the state. Our Fire Prevention Division is highly involved in state and national community risk reduction, codes, and public education. As such, we are submitting this application for a state-wide project as a member of our state International Fire Marshals Association chapter.</p> <p>South Dakota is 5th most rural state in our nation. The state is 75,811 square miles with only 10.7 people per square mile. There are only seven career fire departments in the state and five employ at least one full-time fire prevention staff.</p> <p>Our communities are mostly small, agricultural towns with a handful of cities, most several hours drive between one another.</p> <p>About 25% of our population is under age 18 and 15% is over age 65. Like most of the nation, our over 65 population is expected to become 24% of our population in the next twenty years. A growing number of our older adults are expected to remain in their small towns, without traditionally adequate services, creating an imbalance of over 50% of the town over the age of 65.</p> <p>South Dakota's median household income is \$49,495 and 14% of our population is below local poverty level. About 68% of our adults own homes.</p> <p>The majority of our population are White from European homesteading immigrants and 9% are American Indian. There are nine reservations and designated tribal land areas in South Dakota. Many people who associate themselves with a tribe will live both on tribal lands and in nearby cities.</p> <p>South Dakota is home to grasslands, petrified forests, gold (particularly famous Black Hills Gold), the Black Hills National Forest, the annual Sturgis Motorcycle Rally and Races, Mount Rushmore, lakes and streams, and acres of space enjoyed by rattlesnakes, mountain lions, and other wild animals.</p>
	<p>853175</p>

* What is the permanent resident population of your Primary/First-Due Response Area or jurisdiction served?	
* Do you currently report to the National Fire Incident Reporting System (NFIRS)? Note: You will be required to report to NFIRS for the entire period of the grant.	Yes
If you answered "Yes" above, please enter your FDIN/FDID	02101
Headquarters or Main Station Physical Address	
* Physical Address 1	10 Main St
Physical Address 2	
* City	Rapid City
* State	South Dakota
* Zip	57701 - 2832
* Mailing Address 1	10 Main St
Mailing Address 2	
* City	Rapid City
* State	South Dakota
* Zip	57701 - 2832
Bank Account information	
* The bank account being used is: (Please select one from right)	Note: If this is selected, a 4 digit DUNS plus 4 is required if you answered "Yes" to using the DUNS number of your Jurisdiction. Maintained by my Jurisdiction
Note: The following banking information must match your SAM.gov profile.	
* Type of bank account	Checking
* Bank routing number - 9 digit number on the bottom left hand corner of your check	091408763
*Your account number	750514
Applicant Budget	
* What is your department or organization's operating budget (i.e., personnel, maintenance of apparatus, equipment, and facilities; utility costs; purchasing expendable items, etc.) for the current (at time of application) fiscal year and for the previous three fiscal years? Please indicate in the text box next to each of the budget figures what fiscal year that amount pertains to.	12970708 Budget: 12254875 Fiscal Year: 2014 Budget: 12250000 Fiscal Year: 2013 Budget: 12250000 Fiscal Year: 2012
* Financial Need: Why are you unable to fund this project without Federal assistance? How are the critical functions of your organization affected without this funding? Please provide the details of your current operating budget. Include information on efforts to obtain funding elsewhere and how similar projects have been funded in the past.	
<p>We have a handful of larger communities who can absorb the loss of one home and one structure every year or two without too many people noticing or caring. Their fire departments continue to work as usual as an organization, though individuals are impacted. Our smaller communities, however, struggle just to keep a full roster for their volunteer departments. One home and one family can be a large loss for their community and can use valuable and rare resources for their department.</p> <p>We looked at the ability for interested cities to pay for the sprinklers of the homes placed in their jurisdiction but they manufacture the buildings and then sell them so there is no way of knowing during manufacture how which buildings or even how many your jurisdiction will need. Cities were not willing to commit to a certain number each year, especially if they may not come to their city. Even more daunting is that most homes are placed in unincorporated, rural towns where the neither the city nor the county would be able to fund the sprinkler installation.</p> <p>(And if this gets your thoughts going about water pressure in rural wells, we've already resolved design and</p>	

liability concerns with the state.)

As a state organization, there is no funding and no current structure for a project like this. Our state is small enough that we are just getting such things up and going. We are where so many other states were twenty and even one hundred years ago. But that is where we are we want to do so much more for our community. Our IFMA chapter has \$300 is the bank. Our state is conservative and keeps a balanced budget and with the strong lobbying of homebuilders we will not find immediate state funding for this project.

Additional Information

<p>* This fiscal year, are you receiving Federal funding from any other grant program for the same purpose for which you are applying for this grant?</p>	<p>No</p>
<p>* This fiscal year, are you receiving Federal funding from any other grant program regardless of purpose?</p>	<p>No</p>
<p>* Is the applicant delinquent on any federal debt?</p>	<p>No</p>
<p>* If awarded, will your organization expend more than \$750,000 in Federal funds during your organization's fiscal year? If yes, your organization may be required to undergo an A-133 audit. Reasonable costs incurred for an A-133 audit are an eligible expenditure and should be included in the applicant's proposed budget as an individual line item. Please enter audit costs only once in the "Request Details" section of the application.</p>	<p>No</p>
<p>If you answered "Yes" to any of the additional questions above, please provide an explanation in the space provided below:</p>	

Request Information

Program Name
Fire Prevention and Safety

Request Details Summary

The number of projects and cost for the activity **Fire Prevention and Safety** are listed in the table below.

Activity	Number of Projects	Total Cost
Fire Prevention and Safety	1	\$ 21,285

Fire Prevention And Safety Projects

To review other sections of your application, select the appropriate section from the pull-down menu above and then press the Go button. You may [edit this application](#) if you want to correct a mistake. After you have reviewed all the sections and are satisfied with the information, please click on the Submit Application link on the left to complete your submission.

Note: Fields marked with an * is required.

Fire Prevention and Safety								
General Education/Awareness Project							Action	
General Education/Awareness - Capabilities Information							View Details	
Project							Action	
General Education/Awareness-Sprinkler Awareness							View Details	
<p>In the space provided below, please provide a brief synopsis of the proposed project and then identify the specific goals and objectives of your project.</p> <p>There is only one dedicated educator in our state and only a handful of fire marshals. Even with few people, we have found an easy win for sprinklers, especially for our more rural areas. One of our inmate rehabilitation projects is to build manufactured homes, called the Governor's House program. They are sold to older adults, person with disabilities, and income-qualified families. The State Housing Authority is happy to install sprinklers but they don't have the funds in their budget and sprinklers cannot be mandated in South Dakota so the budget has not been amended. We will form a state sprinkler coalition, install sprinklers in at least 50 homes, conduct 4 side-by-side burns, and poll elected officials on their attitude towards residential sprinklers after watching a demonstration.</p>								
Item	Number of units for first 12 months	Cost per unit for first 12 months	Total Cost in first 12 months	Number of units for second 12 months	Cost per unit for second 12 months	Total Cost in second 12 months	Total Cost	Action
1. Sprinkler Intallation	1	\$ 20,000	\$ 20,000	0	\$ 0	\$ 0	\$ 20,000	View Details
2. Sprinkler Demonstration	1	\$ 885	\$ 885	1	\$ 400	\$ 400	\$ 1,285	View Details
Total			\$ 20,885			\$ 400	\$ 21,285	

General Education/Awareness Project(s)

View Project

General Education/Awareness Project Information	
*1. Project	Sprinkler Awareness
*If you selected other, above, please specify	
*2. Who is the target audience for the planned project?	Adults over 65 High risk group Other: Governors Home buyers and elected officials
*3. What is your estimated size of the target audience?	853175
*4. How was this target audience determined?	Informal Assessment
If none of the above, briefly describe the method used to determine target audience	
* In the space provided below, please provide a brief synopsis of the proposed project and then identify the specific goals and objectives of your project.	
<p>There is only one dedicated educator in our state and only a handful of fire marshals. Even with few people, we have found an easy win for sprinklers, especially for our more rural areas. One of our inmate rehabilitation projects is to build manufactured homes, called the Governor's House program. They are sold to older adults, person with disabilities, and income-qualified families.</p> <p>The State Housing Authority is happy to install sprinklers but they don't have the funds in their budget and sprinklers cannot be mandated in South Dakota so the budget has not been amended.</p> <p>We will form a state sprinkler coalition, install sprinklers in at least 50 homes, conduct 4 side-by-side burns, and poll elected officials on their attitude towards residential sprinklers after watching a demonstration.</p>	
* 5. In the space provided below, please explain your experience and ability in developing and conducting (i.e., timely and satisfactory project completion) past fire prevention and safety projects. Additionally, please demonstrate the experience and expertise you have in managing the type of project you are proposing:	
<p>We have worked with the South Dakota Housing Authority to sprinkler Governor's Houses being used in the Black Hills as vacation spots for injured veterans and their families. We have convinced many developers and long-term hotel owners to voluntarily sprinkle their buildings. Our only full-time fire and life safety educator has managed several grants and many public outreach programs. The Rapid City Fire Department's Fire Prevention division, who is spearheading this project, is successfully managing grant funds for wildland fire fuel mitigation projects protecting over \$30,000,000 in properties.</p>	
<p>6. The narrative portion of the application should contain supporting information that allows for evaluation of this project. If you are applying for a grant in the Fire Prevention and Safety Activity, your Narrative Statement must address the evaluation elements as outlined in the Funding Opportunity Announcement.</p> <p>Keep in mind that the evaluation of your application will also be based on a clear understanding of your proposal, your ability to meet the objectives of the program, and your probability of successfully delivering your project to the population targeted. You need to fully explain how the funds will be used to accomplish the goals of your project. To that end, be sure to include descriptions/justification for all budgeted items - items not justified may be disallowed.</p> <p>Your narrative is broken out into 5 separate sections which are required, with an optional Additional Comments section. Each section will address each of the criteria on which your application will be evaluated and scored. Due to the built in "time-out" feature, we recommend you create the narrative text in your word processing system and then copy it into the spaces provided below. Images, attachments, and special characters of formatting (i.e.: quote marks, bold print, bullet points, symbols, etc.) are not allowed.</p>	
*6a. Vulnerability Statement: What is the vulnerability in your community that you have identified? What statistics correspond with and support your project and target audience? Please describe the	

steps which were taken to determine the vulnerability and target audience and describe the methodology for determining all of the above.

South Dakota has the 12th highest fire death rate according to the NFPA's US Unintentional Fire Death Rates by State report October 2012. Our residents are 1.7 times more likely to die in a fire than the general national population. There are 853,175 people living in South Dakota, according to the US Census, in 370,291 housing units.

Our poverty rate is 14% (US Census) but this is misleading. The state's a median income is just over \$45,000 while the 2012 poverty rate for a family of four was just over \$46,000. While we have many people with high incomes and upper middle class lifestyles, we have many people who are in poverty or just above. A single mom with one child, making \$2000 gross a month does not qualify for state assistance because there are too many other people with less in need.

Rural communities tend to have high death rates and South Dakota ranked as the 5th state with the most people who live in rural communities (NFPA). Depending on what US program you use to determine rural versus urban, 50 – 75 percent of South Dakotans live in rural communities.

There are seven local career fire departments in South Dakota, three federal career fire departments, and handful of federal and state career wildland fire crews. Even in our career departments, portions of their response area have a response time of over eight minutes. Our volunteer departments are often more than 15 minutes response for their first unit arrival. (NFIRS)

There are less than a dozen fire marshals in the state including county fire coordinators. There is one full-time fire and life safety educator who's duties are divided with a data quality focus. It is not possible for our small band of fire prevention officials and fire suppression staff and volunteers to believe we can continue to protect our state with our response times and the speed of today's fire without fire sprinklers in every residence. The lack of community risk reduction puts our population at high risk.

We have a conservative legislature who sticks with what they know and often do not go out on a limb for what is not currently popular or proven to be successful. Like most states, we have a law that prevents the adoption of code requiring fire sprinklers for all residential homes. Our largest city cannot mandate sprinklers in multi-family housing less than 16 units. They tried last year to get that reduced to 6 but lost. Our elected officials are vulnerable because of what they do not know or understand and more seriously, what they don't think they want to understand. We have found common ground with a few homebuilders and a few local officials to understand why the fire department is so concerned. We need something that cannot be missed to help the others at least understand where we are coming from and why we need them to discuss the actual facts and not just the fears of supposed economic impacts of fire sprinklers.

***6b. Implementation Plan: Provide details on the implementation plan which discusses the proposed project's goals and objectives. What are the methods and specific steps that will be used to achieve the goals and objectives? If applicable, what examples can you provide of marketing efforts to promote the project? Who will deliver the project and what partnerships may be involved along with how they will support this project? How will the materials or deliverables be distributed?**

We've been working with plumbers, commercial installers, and independent contractors to install sprinklers at the lowest cost possible. We have developers that always install sprinklers in their projects but we also have commercial sprinkler companies that don't need the residential work because most of their competition is working in the building boom surrounding North Dakota's oil fields. We've worked with a few plumbers but we lost them to insurance costs and the expense of learning on the job.

We have worked with South Dakota Housing Authority to sprinkler some Governor's Homes that were being used on State Park property for respite for injured veterans. The project was a success. So what would sprinklers cost in all manufactured homes? \$20,000 a year. This includes all parts and labor.

There are three home designs and Residential Designs has agreed to donate three engineered sprinkler designs at a value of \$500 each for a total in-kind donation of \$1,500. This will be a one-time expense. In addition, Residential Design has agreed to donate of sprinkler installation training for their inmates and career staff.

A Governor's Homes model home is on display at almost every county and state fair during the summer and fall. Rapid City Fire Department has agreed to donate an indoor banner from the Home Fire Sprinkler Coalition along with a video and the necessary equipment to be played in the model homes. The IFMA chapter has agreed to educate the staff of the home on home fire sprinklers. We will have donated informational materials for interested parties.

We have trailer for side-by-side sprinkler demonstrations that is funded by private donations, county fuel for towing, and the department using the trailer. A demonstration will be conducted when the state legislature meets and at least three of the county and state fairs. These locations average 300 miles from one another and the people moving the trailer will need to return home between delivery and removal.

Our state has not established a Sprinkler Coalition due to the small number of fire marshals and lack of time to coordinate on a project from scratch. With this grant we will have an easy cause to come together on and will establish the SD IFMA chapter as a founding member of the South Dakota Sprinkler Coalition.

The IFMA chapter, now a Sprinkler Coalition, will coordinate with our member departments to distribute the same message across our social media and local news media outlets. We will push hard for a week across the state when we promote the project with the state legislatures and state fair and will promote the project and live burn locally the week before and during the local fair. The staff time to coordinate and disseminate information will be donated.

Success will be measured by the number of homes with fire sprinklers after 12 months of the project in full swing. We expect to have at least 50 homes protected and hope to document more homes in the state that were voluntarily sprinklered. Success will be measured by the number of state and local elected officials that agree with the need for home fire sprinklers or are not against home fire sprinklers. We aim to convince at least 30% of the officials to indicate they are neutral or in favor of home fire sprinklers.

The first six months after award of the grant will be spent on obtaining the donated engineered designs, ordering the necessary parts, and training inmates on sprinkler installation. The SD IFMA chapter/Sprinkler Coalition will order and gather the donated monitor, video, banners, and handouts for the model home display.

The next 12 months will be spent constructing and installing the homes. A model home will be selected by the state and equipped with the donated materials and display. We will document the installation of the sprinklers to that model home and incorporate the footage between nationally provided sprinkler videos and footage of the side-by-side demonstration. The SD IFMA chapter/Sprinkler Coalition will train those staffing the model home and will coordinate live burn demonstrations and media releases with local fire departments. Elected officials and members of the community attending live burns will be polled for their support of home fire sprinklers.

***6c. Evaluation Plan: Will the proposed project be periodically evaluated for its impact on the community? If yes, describe the methodology and steps you plan to take in order to conduct the evaluation.**

Success will be measured by the number of homes with fire sprinklers after 12 months of the project in full swing. We expect to have at least 50 homes protected and hope to document more homes in the state that were voluntarily sprinklered.

Success will be measured by the number of state and local elected officials that agree with the need for home fire sprinklers or are not against home fire sprinklers. We aim to convince at least 30% of the officials to indicate they are neutral or in favor of home fire sprinklers. We will use a student response system donated by the Rapid City Fire Department to collect anonymous attitudes.

We expect to have established a state Fire Sprinkler Coalition and have at least 60% of the necessary funding for the next year secured (though our non-grant success goal is to have 120% secured.)

***6d. Cost Benefit: Does your project demonstrate a high benefit for the cost incurred? Are the costs associated with the project reasonable for the target audience that will be reached? If so, demonstrate the above in addition to the cost benefits and how you plan to maximize the level of funding that goes directly into the delivery of the project.**

The ultimate cost benefit for this step towards sprinklers in all residential houses is \$21,285/853,175 state population = \$0.0249 or just over two cents per person. For the short term look, we'll be providing sprinklers for an estimated 125 people in 50 homes (\$170 per person), educating at least an additional 1,000 people with live fire burns (\$18.02 per person) and at least 300,000 in media outreach including homeowners and those who watch live burns (\$0.07 per person). So our cost benefit is somewhere between 2 cents and \$170 per person.

I can't end this statement without sharing what you already know. The value of a huge step towards all residential homes with fire sprinklers is tough to measure and \$21,285 is not asking very much. Of course, one life saved is priceless but that's not a fair argument in a grant. If one in 5 people will have a fire in their lifetime that is reported to the fire department (CPSC, NFPA), then 25 of the residents of this project will call 911 to report a fire. But maybe not while they live in this house. Let's be very conservative and estimate that only one of these houses, in its entire existence – say 50 years, will have a fire that needs a fire department response. We would be protecting the occupants for only \$21,285 for 50 years.

***6e. Sustainability: Is it your organization's intent to deliver this program after the grant performance period? If so, how will the overall activity be sustained and what are the long-term benefits? Examples of sustainable projects can be illustrated through the long-term benefits derived from the**

delivery of the project, the presence of non-federal partners likely to continue the effort, or the demonstrated long-term commitment of the applicant.

This funding will only get us one year of installation. We do not believe that even \$20,000 a year would be too much to fundraise if we had the staff and public interest. Our state's International Fire Marshals Association (IFMA) Chapter is dedicated and made up of 100% of the fire marshals and 50% of their staff in the state, but we still only have 13 members. We need a little seed money and some easy success to generate more interest for fundraising, changing state codes, and raising general awareness of home fire sprinklers. We believe that we could, among ourselves, raise at least \$5,000 a year. We believe with a bit of show, we could find one or two businesses that could donate the rest. We believe they are out there right now but no one seems to have the time to educate and fineness the right people. But with a showy program proven to do some good, we think it would be easier. Most importantly, we will work with elected officials and state employees to get the cost written into the homebuilding's base budget while the iron is hot. This would guarantee long-term sustainability. Either way, we are dedicated to seeing the project continue.

6f. Additional Comments: If you have any additional comments about your project, please provide them here.

We have installed sprinklers in these buildings in the past to protect injured veterans on vacation in the Black Hills. We have spent the time to talk individual developers into voluntarily installing fire sprinklers their buildings. We have a conservative legislature and we have only a handful of fire marshals in the state. We are a small area but have the opportunity to do something great and use that success to springboard into a stronger coalition with the eyes and ears of elected officials and funders. This is a one-time request to accomplish something great and worthwhile. This is a one-time funding project with long-term reach; just what this funding is for.

Budget Item

*Item	Sprinkler Intallation
*Select Object Class	Contractual
If you selected other above, please specify	
First Twelve Months:	
Number of units, first twelve months	1 (Whole number only)
Cost per unit, first twelve months	\$ 20000 (Whole dollar amounts only)
Total for First Twelve Months:	\$ 20000
Second Twelve Months:	
Number of units second twelve months	0 (Whole number only)
Cost per unit second twelve months	\$ 0 (Whole dollar amounts only)
Total for Second Twelve Months:	\$ 0
* Description	Parts and labor to install fire sprinklers systems for 50 homes, one year's production of the Governor's Home project.
The space to the right should be used to provide further clarification on the costs (i.e. personnel costs: number of hours/rate/staff; or meeting costs: number of meetings/days/attendees). When describing personnel costs please include an hourly rate per person and percentage of effort. When describing travel costs, please include cost per person/per trip and detail out airfare costs, lodging costs, per diem costs and other costs as well as number of days of travel. Budget justification for travel should also be included in the project narrative.	

Budget Item

*Item	Sprinkler Demonstration
*Select Object Class	Travel
If you selected other above, please specify	
First Twelve Months:	

Number of units, first twelve months	1 (Whole number only)
Cost per unit, first twelve months	\$ 885 (Whole dollar amounts only)
Total for First Twelve Months:	\$ 885
Second Twelve Months:	
Number of units second twelve months	1 (Whole number only)
Cost per unit second twelve months	\$ 400 (Whole dollar amounts only)
Total for Second Twelve Months:	\$ 400
* Description The space to the right should be used to provide further clarification on the costs (i.e. personnel costs: number of hours/rate/staff; or meeting costs: number of meetings/days/attendees). When describing personnel costs please include an hourly rate per person and percentage of effort. When describing travel costs, please include cost per person/per trip and detail out airfare costs, lodging costs, per diem costs and other costs as well as number of days of travel. Budget justification for travel should also be included in the project narrative.	One person to deliver, run, and return the fire sprinkler demonstration trailer to four locations for a total of 2910 miles at 0.37 per mile (\$1075) and three nights hotel at \$70 each (\$210).

Research And Development Projects

Budget

Budget Object Class			
Budget Amount	First 12-Month Period	Second 12-Month Period	Total
Personnel	0	0	0
Benefits	0	0	0
Travel	885	400	1,285
Equipment	0	0	0
Supplies	0	0	0
Contractual	20,000	0	20,000
Construction	0	0	0
Other	0	0	0
Indirect Charges	0	0	0
Total	20,885	400	21,285
Indirect Cost Details (complete this section only if you have a Federally approved Indirect Cost Rate agreement). Please note you must add the Indirect Costs as a line item within the Request Details section as they are not automatically calculated.			
Agency Indirect Cost Agreement with			
Indirect Cost Rate	%		
Agreement Summary			
Total Federal and Applicant Share			
Federal Share			\$ 20,272
Applicant Share (Cash OR In-Kind)			\$ 1,013
Applicant Share of Award (%)			5
* Non-Federal Resources (The combined Non-Federal Resources must equal the Applicant Share of \$ 1,013)			
a. Applicant			\$ 0
b. State			\$ 0
c. Local			\$ 0
d. Other Sources			\$ 1,013

If you entered a value in Other Sources other than zero (0), include your explanation below. You can use this space to provide information on the project, cost share match, or if you have an indirect cost agreement with a federal agency.

Residential Design has agreed to provide three engineered sprinkler design plans, valued at \$500 each, for the three house layouts at no cost for this project.

Total Budget	\$ 21,285
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Narrative Statement

The narrative for Fire Prevention and Safety is provided when adding Fire Prevention and Safety Projects under the Request Details section.

Assurances and Certifications

FEMA Form SF 424B

You must read and sign these assurances. These documents contain the Federal requirements attached to all Federal grants including the right of the Federal government to review the grant activity. You should read over the documents to become aware of the requirements. The Assurances and Certifications must be read, signed, and submitted as a part of the application.

Note: Fields marked with an * are required.

O.M.B Control Number 4040-0007

Assurances Non-Construction Programs

Note: Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. Section 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. Sections 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. Section 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. Sections 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Acts of 1968 (42 U.S.C. Section 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being

- made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Title II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interest in real property acquired for project purposes regardless of Federal participation in purchases.
 8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
 9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
 10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
 11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
 12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. Section 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
 13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
 14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
 15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
 16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Section 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
 17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
 18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

Signed by **Monica Colby** on **04/17/2015**

Form 20-16C

You must read and sign these assurances.

Certifications Regarding Lobbying, Debarment, Suspension and Other Responsibility Matters and Drug-Free Workplace Requirements.

Note: Fields marked with an * are required.

O.M.B Control Number 1660-0025

<p>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. Signature on this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying; and 44 CFR Part 17, "Government-wide Debarment and Suspension (Non-procurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when FEMA determines to award the covered transaction, grant, or cooperative agreement.</p>
<p>1. Lobbying</p> <p>A. As required by the section 1352, Title 31 of the US Code, and implemented at 44 CFR Part 18 for persons (entering) into a grant or cooperative agreement over \$100,000, as defined at 44CFR Part 18, the applicant certifies that:</p> <p>(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 extension, continuation, renewal amendment or modification of any Federal grant or cooperative agreement.</p> <p>(b) If any other funds than Federal appropriated funds have been paid or will be paid 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 this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.</p> <p>(c) The undersigned shall require that the language of this certification be included in the award documents for all the sub awards at all tiers (including sub grants, contracts under grants and cooperative agreements and sub contract(s)) and that all sub recipients shall certify and disclose accordingly.</p>
<p>2. Debarment, Suspension and Other Responsibility Matters (Direct Recipient)</p> <p>A. As required by Executive Order 12549, Debarment and Suspension, and implemented at 44CFR Part 67, for prospective participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17.510-A, the applicant certifies that it and its principals:</p> <p>(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency.</p> <p>(b) Have not within a three-year period preceding this application been convicted of or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.</p> <p>(c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and</p>

(d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

3. Drug-Free Workplace (Grantees other than individuals)

As required by the Drug-Free Workplace Act of 1988, and implemented at 44CFR Part 17, Subpart F, for grantees, as defined at 44 CFR part 17, Sections 17.615 and 17.620:

(A) The applicant certifies that it will continue to provide a drug-free workplace by:

(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 grantees 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 terms of the statement and
- (2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

(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, against such an employee, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so 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 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	City	State	Zip	Action
10 Main Street	Rapid City	South Dakota	57701 -5034	

If your place of performance is different from the physical address provided by you in the Applicant Information, press **Add Place of Performance** button above to ensure that the correct place of performance has been specified. You can add multiple addresses by repeating this process multiple times.

Section 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a Statewide certification.

Signed by **Monica Colby** on **04/17/2015**

FEMA Standard Form LLL

Only complete if applying for a grant for more than \$100,000 and have lobbying activities. See Form 20-16C for lobbying activities definition.

Submit Application

Application 100% complete, Submitted

Please click on any of the following links to visit a particular section of your application. Once all areas of your application are complete, you may submit your application.

Application Area	Status
Applicant's Acknowledgements	Complete
Overview	Complete
Contact Information	Complete
Applicant Information	Complete
Request Information	Complete
Request Details	Complete
Budget	Complete
Narrative Statement	Complete
Assurances and Certifications	Complete

PLEASE READ THE FOLLOWING STATEMENTS BEFORE YOU SUBMIT.

- **YOU WILL NOT BE ALLOWED TO EDIT THIS APPLICATION ONCE IT HAS BEEN SUBMITTED. If you are not yet ready to submit this application, save it, and log out until you feel that you have no more changes.**
- **When you submit this application, you, as an authorized representative of the organization applying for this grant, are certifying that the following statements are true:**

To the best of my knowledge and belief, all data submitted in this application are true and correct.

This application has been duly authorized by the governing body of the applicant and the applicant will comply to the Assurances and Certifications if assistance is awarded.

To sign your application, check the box below and enter your password in the space provided. To submit your application, click the Submit Application button below to officially submit your application to FEMA.

Note: The primary contact will be responsible for signing and submitting the application. Fields marked with an * are required.

I, Monica Colby, am hereby providing my signature for this application as of 17-Apr-2015.