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Nevada Office of Emergency Management / Homeland Security

FFY 2025 State and Local Cybersecurity Grant Program (SLCGP)

Deadline: 9/1/2025

# City of Reno Cloud Gateway and DNS Filtering

Jump to: <u>Pre-Application Application Questions Category Budget Totals Line Item Detail Budget Document</u>
Uploads

**\$ 90,000.00** Requested

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**Director of Finance** Vicki Van Buren

vanburenv@reno.gov

Web reno.gov

Pre-Application top

1. Is your organization one of the following types of entities?: County, municipality, city, town, township, local public authority, school district, special district, intrastate district, council of government, regional government entity, agency or instrumentality of a local government, rural community, unincorporated town or village, or other public entity, tribe, or authorized tribal organization.

Be advised that state agencies receiving SLCGP funds will have to obtain consent for their project from local jurisdictions. A template for obtaining this consent will be provided.

Yes

□ No

2. All funds granted under the State and Local Cybersecurity Grant Program must focus on managing and reducing systemic cyber risk. Does your project proposal aid in achieving this goal? (If not, the project is not eligible for SLCGP funding).



□ No	
3. In order for your application to be considered, you must attend open meetings to testify in front of the Governor's Cybersecurity Task Force. This is a requirement of the grant. If you do not send representation to the required meetings, your application will not be considered.  Meeting dates are to be determined and will be communicated to SLCGP applicants as soon as the dates are known.  I understand and agree.	
4. All procurement is required to be compliant with Nevada Revised Statute (NRS) 333, PURCHASING: STATE and/or NRS 332, PURCHASING: LOCAL GOVERNMENTS. **Per FEMA legal opinion, locals may NOT use NRS 332.115 because it has been determined that NRS 332.115 is less restrictive than 2 C.F.R. Part 200 (see Resources section for further justification).** All procurement must be free and open competition. Applicants are also required to follow the socioeconomic steps in soliciting small and minority businesses, women's business enterprises, and labor surplus area firms per 2 C.F.R. Part 200.321. All non-federal entities should also, to the greatest extent practicable under a federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States, per 2 C.F.R. Part 200.322. Any sole source procurement must be preapproved in writing by the Office of Emergency Management (OEM) in advance of the procurement.	d
You may view FEMA's written legal opinion on NRS 332.115, along with DEM's procurement policy and FEMA's contract provisions guide, in the "Resource Document" tab.  I understand and agree.	
<ul> <li>5. Supplanting is prohibited under this grant. Supplanting occurs when a subapplicant reduces their own agency's funds for an activity because federal funds are available (or expected to be available) to fund that same activity.</li> <li>I attest that funding for this project does not currently exist within our agency's budget</li> </ul>	3
Tallest that funding for this project does not currently exist within our agency's budget	
<ul> <li>6. Entities applying as a subgrantee must meet a 30% cost share requirement for FY 2025</li> <li>SLCGP. Please acknowledge your understanding and agreement of this requirement.</li> <li>✓ I understand and agree.</li> </ul>	
7. Each jurisdiction must complete its own application. The submitter of the grant application will be the recipient of funds. Without an application, OEM is unable to issue a grant.  Subgrantees may not pass through or subgrant funds to other agencies/organizations.  ✓ I understand and agree.	
8. Subrecipients (i.e., agencies receiving this funding through the Nevada Office of Emergency Management) may not use this funding to administer their own subawards.  ✓ I understand and agree	
Application Questions <u>top</u>	_
1. Is this agency considered a rural area (an area encompassing a population of less than 50,000 people)?	
If your agency is not considered a rural area, but your project will support rural communities, select "No" and indicate in your narrative what percentage of your project will directly benefit rural Nevadans.  ☐ Yes  ☑ No	
2. There are four (4) objectives for FY 2025 SLCGP. Please select the objective with which your	

pro	ject most closely aligns.
	Objective 1: Develop and establish appropriate governance structures, including developing, implementing, or revising cybersecurity plans, to improve capabilities to respond to cybersecurity incidents and ensure continuity of operations.
	Objective 2: Understand their current cybersecurity posture and areas for improvement based on continuous testing, evaluation, and structured assessments.
4	Objective 3: Implement security protections commensurate with risk.
	Objective 4: Ensure organization personnel are appropriately trained in cybersecurity, commensurate with responsibility.
	Please select which of the SLCGP program elements your project addresses.  jects may align with more than one element.
✓	1. Manage, monitor, and track information systems, applications, and user accounts owned or operated by, or on behalf of, the state or local governments within the state, and the information technology deployed on those information systems, including legacy information systems and information technology that are no longer supported by the manufacturer of the systems or technology.
✓	2. Monitor, audit, and track network traffic and activity transiting or traveling to or from information systems, applications, and user accounts owned or operated by, or on behalf of, the state or local governments within the state.
<b>✓</b>	3. Enhance the preparation, response, and resilience of information systems, applications, and user accounts owned or operated by, or on behalf of, the state or local governments within the state, against cybersecurity risks and cybersecurity threats.
	4. Implement a process of continuous cybersecurity vulnerability assessments and threat mitigation practices prioritized by degree of risk to address cybersecurity risks and cybersecurity threats on information systems, applications, and user accounts owned or operated by, or on behalf of, the state or local governments within the state.
	5. Ensure that the state or local governments within the state, adopt and use best practices and methodologies to enhance cybersecurity.
	6. Promote the delivery of safe, recognizable, and trustworthy online services by the state or local governments within the state, including through the use of the .gov internet domain.
~	7. Ensure continuity of operations of the state or local governments within the state, in the event of a cybersecurity incident, including by conducting exercises to practice responding to a cybersecurity incident.
	8. Use the National Initiative for Cybersecurity Education (NICE) Workforce Framework for Cybersecurity developed by NIST to identify and mitigate any gaps in the cybersecurity workforces of the state or local governments within the state, enhance recruitment and retention efforts for those workforces, and bolster the knowledge, skills, and abilities of personnel of the state or local governments within the state, to address cybersecurity risks and cybersecurity threats, such as through cybersecurity hygiene training.
	9. Ensures continuity of communication and data networks within the jurisdiction of the state between the state and local governments within the state in the event of an incident involving those communications or data networks.
<b>✓</b>	10. Assess and mitigate, to the greatest degree possible, cybersecurity risks and cybersecurity threats relating to critical infrastructure and key resources, the degradation of which may impact the performance of information systems within the jurisdiction of the state.
	11. Enhance capabilities to share cyber threat indicators and related information between the state, local governments within the state, and CISA.
	12. Leverage cybersecurity services offered by CISA. (See Application Question 10 for further details on these services.)
	13. Implement an information technology and operational technology modernization cybersecurity review process that ensures alignment between information technology and operational technology cybersecurity objectives.
	14. Develop and coordinate strategies to address cybersecurity risks and cybersecurity threats.

Cybersecurity Planning Committees should also consider consulting neighboring entities, including adjacent states and countries.
15. Ensure adequate access to, and participation in, cybersecurity services and programs by rural areas within the state.
16. Distribute funds, items, services, capabilities, or activities to local governments.

#### 4. Describe your project in detail.

What would you like to do? Why? How does this project improve cybersecurity protection for your agency?

The City currently utilizes the MS-ISAC Malicious Domain Blocking and Reporting (MDBR) DNS filtering service. However, due to the discontinuation of federal funding for this program, we are now seeking a replacement DNS filtering solution.

The proposed platform will allow us to implement a more robust DNS and web gateway, offering enhanced filtering capabilities and greater configurability than the MS-ISAC MDBR service. In the initial phase, we will deploy the DNS service to our domain's DNS forwarding servers and establish policies to block access to malicious and high-risk websites across the entire City network.

In addition to DNS filtering, this platform also provides advanced web filtering and roaming protection. Devices that leave the City network will continue to be safeguarded with HTTPS inspection, DNS filtering, antivirus scanning, and data loss prevention. These features address a current gap in our cybersecurity posture and will significantly strengthen our ability to protect City assets and data both on and off the network.

#### 5. How does your project align with the objective selected in Question 2?

This initiative aligns our security protections with identified risks by addressing several critical gaps in our current cybersecurity posture:

#### **DNS Protection**

Our existing DNS filtering is provided through the free MS-ISAC MDBR service, which is being discontinued. To maintain this foundational layer of defense, we need a reliable alternative that continues to block access to known malicious domains.

#### **HTTPS** Inspection

While our endpoint protection clients can inspect encrypted traffic, we've never had this capability at the network level. By moving HTTPS inspection to the cloud, we can ensure consistent protection for all devices—regardless of their physical location or network connection.

#### Audit Logging and Visibility

Currently, we lack visibility into web activity for devices that are off-network or not connected to VPN. This creates a blind spot in our ability to detect and respond to threats. The proposed solution provides centralized logging and retrospective analysis, which are essential for incident response—helping us identify the source of an intrusion and prevent future occurrences.

#### 6. How does your project align with the program element(s) selected in Question 3?

- 1. The cloud gateway provides continuous, always-on monitoring of device and account activity, offering visibility into web destinations users attempt to access—regardless of their location.
- 2. In addition to monitoring, the platform includes DLP capabilities that help detect and prevent the unauthorized transmission of sensitive data such as PII, CJIS, HIPAA-regulated information, and NRS603.A-protected content.
- 3. By proactively blocking access to malicious websites and suspicious traffic at the DNS and web gateway level, the platform strengthens system and account resilience, reducing the risk of compromise and infection.

- 7. In the event of a major cyberattack that disrupts the City's internal network, the cloud-based gateway ensures continued protection for staff working remotely. This maintains security coverage even when traditional perimeter defenses like firewalls are unavailable.
- 10. The City hosts essential systems such as the Regional 911 CAD, Stead Wastewater Treatment, and crime analysis centers that serve multiple regional agencies. Implementing this platform helps safeguard the network traffic of City-managed devices, reducing the cyber risk to these vital services and ensuring operational continuity.

7. Does your project address any of the following Key Cybersecurity Best Practices?						
	Implement multi-factor authentication.					
4	Implement enhanced logging.					
4	Data encryption for data at rest and in transit.					
	End use of unsupported/end of life software and hardware that are accessible from the internet.					
	Prohibit use of known/fixed/default passwords and credentials.					
	Ensure the ability to reconstitute systems (backups).					
	Actively engage in bidirectional sharing between CISA and SLT entities in cyber relevant time frames to drive down cyber risk.					
	Migration to the .gov internet domain.					

#### 8. Describe, in detail, how, and by whom, the proposed project will be implemented.

Describe the process by which the project will be accomplished. Identify who (i.e., staff, contractor) will perform the work.

Senior Cybersecurity Analyst in conjunction with Network Analysts and Server Admins to configure and deploy to the various network, server, and endpoint devices.

### 9. Describe, in a few sentences, the desired outcome(s) of your project.

Routers and DNS servers will be pointed to the Cloud DNS service and filtering malicious and unsavory websites from being visited. To the greatest extent possible every PC and mobile devices will also have the roaming agent with more advanced HTTPS scanning and DNS filtering that is on 24/7 from any location.

10. FY 2025 SLCGP grant funds may not be used to acquire land or to construct, remodel, or perform alterations of buildings or other physical facilities. (This prohibition does not include minor building modifications necessary to install and connect grant-purchased equipment that do not substantially affect a building's structure, layout, systems, or critical aspects of a building's safety, or otherwise materially increase the value or useful life of a building). For a full list of unallowable costs, please refer to Section D.13 of the FY 2025 SLCGP NOFO.

Please indicate your understanding of this policy.

- ✓ I understand and agree
- 11. REQUIRED SERVICES AND MEMBERSHIPS: All SLCGP recipients and subrecipients are required to participate in a limited number of free services by the Cybersecurity and Infrastructure Security Agency (CISA). For these required services and memberships, please note that participation is not required for submission and approval of a grant but is a post-award requirement. --Cyber Hygiene Services-- Web Application Scanning is an "internet scanning-as-a-service." This service assesses the "health" of your publicly accessible web applications by checking for known vulnerabilities and weak configurations. Additionally, CISA can recommend ways to enhance security in accordance with industry and government best practices and standards. Vulnerability Scanning evaluates external network presence by executing continuous scans of public, static IPs for accessible services and vulnerabilities. This service provides weekly vulnerability reports and ad-hoc alerts. To register for these services, email vulnerability\_info@cisa.dhs.gov with the subject line "Requesting Cyber Hygiene Services SLCGP" to get started. Indicate in the body of your email that you are requesting this

	Budget Totals <u>top</u>	
	own performance, and identify opportunities to improve capabilities to respond to real event	
E	Exercises - Hands-on activities which enhance knowledge of plans, allow members to impro	
	Training - Content and methods of delivery that comply with relevant training standards	
	structure Equipment - Equipment, supplies, and systems that comply with relevant standards	
	Organization - Individual teams, an overall organizational structure, and leadership at each leadership	evel in
	publications; also involves the collection and analysis of intelligence and information	J. 10 011
	Planning - Development of policies, plans, procedures, mutual aid agreements, strategies, a	and of
	Please select all applicable planning, organization, equipment, training, and exercise ETE) elements for which funding is being sought for this project.	е
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ear	r and project name of the original project.	11000
6 If	If this project is sustaining a previously awarded SLCGP project, please provide the	fiscal
] (	Sustain	
✓	Build	
nten	ent of the project is to close a capability gap. Select "sustain" if the project strictly made capability at its existing/current level.	
5. F	Build or Sustain: Select "build" if this project focuses on starting a new capability, o	or the
<b>✓</b>	No	
	Yes	
	ect Tes II the project supports multiple jurisalctions (e.g., multiple cities). Select INO II the narily supports a single entity.	υ ριυμ
	Is this project shareable or deployable to other jurisdictions? ect "Yes" if the project supports multiple jurisdictions (e.g., multiple cities). Select "No" if the	o prois
	ount of funding provided.	
	to an extent. Software based subscription that can be lengthened or shortened depending or	n the
	ch the project can be reduced or expanded, or the reasons why it cannot.	uy 3 i
3. I <u>ſ</u>	Is this project scaleable? Can any part of it be reduced or expanded? Describe the v	wavs i
950	, ,	
	Provide the 5-digit zip code where the project will be executed.  • project location could be different than the sub-recipient address.	
	Our agency has not yet signed up for the Cyber Hygiene Services or Nationwide Cybersecu Review (NCSR), but understands we will be required to sign up for them if our project is awa	•
	Review (NCSR)	
	Our agency is already participating in the Cyber Hygiene Services and Nationwide Cyberse	curity
	SR) https://www.cisecurity.org/ms-isac/services/ncsr (cisecurity.org).	••
	SR, administered by the MS-ISAC, during the first year of the award/subaward period formance and annually. For more information, visit Nationwide Cybersecurity Review	
-	onsored by DHS and the MS-ISAC. Entities and their subrecipients should complete	
	ed on the National Institute of Standards and Technology Cybersecurity Framework	
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Planning	
Organization	
Equipment	\$ 90,000.00
Training	
Exercise	
M & A	
Total	\$ 90,000.00

## **Category Budget Totals Narrative**

No identified barriers.

Line Item Detail Budget  $\underline{top}$ 

## **Line Item Detail**

List Items (according to POETE categories)	Detailed Description	Quantity	Unit Cost		Total
PLANNING					
			\$	\$	0.00
			\$	\$	0.00
			\$	\$	0.00
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PLANNING Subtotal		0	\$ 0.00	\$	0.00
ORGANIZATION					
ORGANIZATION			\$	\$	0.00
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			\$	\$ 0.00
ORGANIZATION Subtotal		0	\$ 0.00	\$ 0.00
EQUIPMENT				
		4	•	<b>(</b>
Secure Cloud Web Gateway License	License for SaaS agreement for cloud platform to perform DNS and HTTPS traffic filtering, logging, and enforcement.	1	90,000.00	90,000.00
			\$	\$ 0.00
			\$	\$ 0.00
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EQUIPMENT Subtotal		1	\$ 90,000.00	90,000.0
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TRAINING			<b>ሱ</b>	Φ 0 0
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			\$	\$ 0.0
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## Document Uploads top

Documents Requested *	Required	?Attached Documents *
A-133 Audit (Most Current)	~	A-133 Audit
Travel Policy	~	<u>Travel Policy</u>
Payroll Policy	✓	Payroll Policy
Procurement Policy	✓	Procurement Policy
		Purchase Policy
Milestones	✓	Milestones

 $<sup>^*</sup>$  ZoomGrants $^{\text{TM}}$  is not responsible for the content of uploaded documents.

Application ID: 506168

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