House Bill 10

Section 5. Montana university system/university of Montana technology capital project appropriation. (1) There is appropriated $6,164,320 from the LRITP to the Montana university system/university of Montana for the cyberMontana cybersecurity initiative. (2) Before encumbering any funds appropriated in subsection (1), the Montana University system/University of Montana shall submit a project and security plan to the chief information officer. The chief information officer shall promptly review the plan, and if necessary, make timely recommendations to the Montana university system/university of Montana regarding implementation of the plan. (3) The Montana University system/University of Montana shall provide a quarterly update to the legislative finance committee on the implementation of projects funded under this section.

Project Plan Narrative

Expenses
1. CyberMontana $2,409,504.44
2. Bachelor's Degree $ 996,100.00
3. UM/MUS Security Operations Center $1,520,000.00
4. Rural Policy Academy $1,238,715.56

Agency Priority

Primary Contact
Dr. Tom Gallagher

Project Name*
The University of Montana, Cybersecurity Workforce, Rural Policy & Innovation (CWRPI) Project HB10 Legislative Appropriation

Description*
The CWRPI is a multi-year project aimed at building a sufficient workforce to serve the needs of government and industry while enhancing the defensive posture of the Montana University System and the State of Montana.

Scope*
The project is a "whole of state" effort to continue the work started in 2021 in constructing and supporting a hub for cybersecurity education in the State of Montana centralized at the University of Montana, Missoula College, a National Security Agency (NSA) Center of Academic Excellence in Cyber Defense (CAE-CD).

Objectives*
The objective for the CWRPI project consists focus on four distinct areas:

1. Support and enhancement of cybersecurity education and outreach taking place under CyberMontana, a University of Montana program. Existing CyberMontana programming includes (a) cybersecurity rapid technical training, (b) nontechnical security awareness training, (c) community outreach programs for industry, community, high school, and middle school students, (d) the Montana Cyber Range (MCR), a shared learning platform to serve education programs across the State. CyberMontana will be expanding its efforts in the areas of the Bachelor of Science degree in cybersecurity, the development of the SOC at UM, and the development of the Rural Policy Academy.
2. Further development and promotion of the Bachelor of Science degree in Cybersecurity. These programming efforts at the University of Montana will generate new expertise and expand the workforce of cybersecurity professionals to serve the State of Montana. The program will produce 120 cybersecurity technical experts over the next ten years.
3. Development of a Security Operations Center (SOC) Analyst Training Facility at the University of Montana. SOC Analysts are critical staff members on the frontlines of detecting and responding to cyber-attacks (the tenth fastest-growing career field). In addition to training, the SOC will serve as a working/learning lab in providing front-line defense to protect the University of Montana affiliate campus partners while collaborating with the Montana State IT Security Division.
4. Development of the Rural Policy Academy. The Rural Policy Academy provides a platform for public entities to prepare and respond to cybersecurity incidents through tabletop exercises, policy practice, and response analysis. The Policy Academy relies on collaborations from key incident response stakeholders from State government (SITSD), Federal agencies (CISA), the Army-Air National Guard (AARNG), and Cyber406. Key attributes of the Policy Academy include communication, collaboration, policy practice, and the development of cybersecurity workforce education in the social sciences.

Risks*
There are no anticipated risks for this project.

Business Justification*
This program will enhance the State's cybersecurity readiness by increasing the pipeline of cybersecurity workforce, protecting digital assets in the Montana University System, and enhancing the State's cybersecurity incident response resources.

Will the system, application, and/or service reside within SummitNet boundary?*

Yes

No (Please Explain)

Will the system use Active Directory or Okta for authentication?*

Yes

No (Please Explain)

What is the State Data Classification Level for the system?*

Level 1 - Public Data

Level 2 - CJI, FTI. PHI, PII

Level 3 - Could compromise or endanger citizens, employees, or safety assets.

Describe data flow (outgoing and incoming). Are there any connections to external entities?*

Type of Project (Check all that apply)*

<u>Enhancement</u>

<u>New</u>

O&M

Replacement

Other (Please Explain)

Type of System (Check all that apply)*

<u>Desktop</u>

GIS

<u>Network</u>

<u>Web</u>

Other (Please Explain)

Estimated Start Date*

Month

Day

Year

Select Date

Estimated Delivery Date*

Month

Day

Year

Select Date

Agencies and Applications Impacted*

Costs

Personnel Services

$

Contracted Services

$

Hardware

$

Other

$

Total Cost

$

Annual On-going Costs Upon Implementation

$

Potential Efficiencies

Funding

General Funding

$

State Special Revenue Funding

$

Federal Special Revenue Funding

$

Proprietary Funding

$

Total Requested Funding

$

Additional Information