

State of Wyoming

2027-2028

Biennium Budget Request



Agency 042: Geological Survey

Prepared for the February 2026 Legislature.

The information in this budget request has been developed in accordance with the agency plan prepared according to W.S. 28-1-115 & 28-1-116 [W.S. 9-2-1011(b)(vi)].

Submitted by:

Signature

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Name

Ranier Lynds

Title

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Tammy Mack

Business Supervisor I



State Budget Department

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DEPARTMENT GEOLOGICAL SURVEY							DEPT 042
1	2	3	4	5	6	7	
Description	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
DIVISION							
GEOLOGIC PROGRAM	0100	5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
WY MINERAL RESOURCE	0200	2,000,000	0	0	0	0	0
USGS GRANTS	0300	208,800	218,611	0	218,611	0	218,611
TOTAL BY DIVISION		7,378,022	5,376,645	(89,149)	5,287,496	0	5,287,496
OBJECT SERIES							
PERSONNEL	0100	4,716,836	4,750,503	(185,655)	4,564,848	0	4,564,848
SUPPORTIVE SERVICES	0200	465,616	410,438	97,034	507,472	0	507,472
RESTRICTIVE SERVICES	0300	0	9,811	0	9,811	0	9,811
CENT. SERV./DATA SERV.	0400	57,822	68,145	(528)	67,617	0	67,617
NON-OPERATING EXPENDITURES	0800	7,500	7,500	0	7,500	0	7,500
CONTRACTUAL SERVICES	0900	2,130,248	130,248	0	130,248	0	130,248
TOTAL BY OBJECT SERIES		7,378,022	5,376,645	(89,149)	5,287,496	0	5,287,496
SOURCES OF FUNDING							
GENERAL FUND/BRA	G	7,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
FEDERAL FUNDS	X	208,800	218,611	0	218,611	0	218,611
TOTAL BY FUNDS		7,378,022	5,376,645	(89,149)	5,287,496	0	5,287,496
AUTHORIZED EMPLOYEES							
FULL TIME EMPLOYEE COUNT		21.00	21.00	(1.00)	20.00	0.00	20.00
TOTAL AUTHORIZED EMPLOYEES		21.00	21.00	(1.00)	20.00	0.00	20.00

SECTION 1. STATE OF THE AGENCY

WSGS Overview

The Wyoming State Geological Survey (WSGS) has a standard budget of \$5,376,645 and 21 authorized employees. We are a non-regulatory scientific agency dedicated to protecting the interests of the citizens of Wyoming in all geologic matters, including energy and mineral resources, geologic hazards, fossils, water, and geologic tourism. This is accomplished through vigilant monitoring and collection of data, rigorous investigations, and broad dissemination of information. By providing accurate information and expanding geologic knowledge, the WSGS contributes to the economic growth of the state and improves the quality of life of Wyoming's residents.

The clients and collaborators of the WSGS include state and federal government agencies, the Wyoming Legislature, industry, non-governmental organizations, the public, news media, and the educational community. Within state government, the WSGS works with the Office of State Lands, Department of Environmental Quality, Wyoming Oil and Gas Conservation Commission, Consensus Revenue Estimating Group (CREG), Wyoming State Engineer's Office, Wyoming Office of Homeland Security, Wyoming Water Development Commission, Wyoming Division of State Parks and Historic Sites, Wyoming State Museum, and University of Wyoming.

WSGS Background and Structure

The WSGS has 21 legislatively approved positions and operated with a biennium budget of \$7,378,022 (biennium FY2025–2026). Funding sources for the WSGS includes general funds as well as federal grants. Research programs and agency divisions include the following:

- Energy Resources (oil, gas, coal, uranium, CREG forecasts)
- Mineral Resources (trona, bentonite, critical minerals and rare earth elements, industrial minerals, aggregates, precious metals, base metals)
- Geologic Hazards (landslides, earthquakes, sinkholes, expansive soils, volcanism)
- Hydrogeology (subsurface aquifers, recharge, quality, modeling)
- Technical Analysis and Data Management
- Publications, Outreach, and Communications
- Administration

The WSGS has an Advisory Board consisting of the Governor, a University of Wyoming member appointed by the University president, the State Oil and Gas Supervisor, and five members appointed by the Governor.

The Director of the WSGS, as State Geologist, serves as a commissioner on the Wyoming Oil and Gas Conservation Commission and the Enhanced Oil Recovery Institute, as a member of the Wyoming Consensus Revenue Estimating Group and the State Groundwater Coordination Committee, and as a board member of the Wyoming Board of Professional Geologists.

WSGS Challenges/Risks/Priorities

Challenges/Risks:

Wyoming is a large state with complex yet significant geologic resources. Energy and mineral resources provide a large portion of state revenue. Understanding Wyoming's vast geologic resources requires well-trained geologists with specializations (oil and gas, uranium, coal, hazards, minerals, groundwater) and the ability to transfer their knowledge to many different audiences (decision makers, general public, scientists, educators). Critical minerals, including rare earth elements (REEs), are a research priority due to national emphasis on supply chain risks, as well as the state's need to diversify sources of revenue. Subsurface pore space is also an area of focus, as subsurface sequestration, oil and gas, wastewater injection, enhanced oil recovery, and groundwater uses could potentially compete with each other. Areas of study at the WSGS often have only one or two experts working in that area, which make it difficult to produce results quickly enough to stay ahead of upcoming state needs.

Priorities:

- Research energy and mineral resources to ensure maximum benefit to Wyoming
- Assist in diversification of state revenue through mapping of critical minerals and REEs
- Attract new energy and mineral industries to the state through relevant data and reports
- Identify possible geologic hazards to increase safety of citizens
- Interpret data on water resources to anticipate and mitigate problems
- Conduct geologic mapping to understand distribution of resources and geologic hazards
- Manage Wyoming geologic data so that it is usable and accessible
- Disseminate information to the public, industry, and government

WSGS Successes and Efficiencies

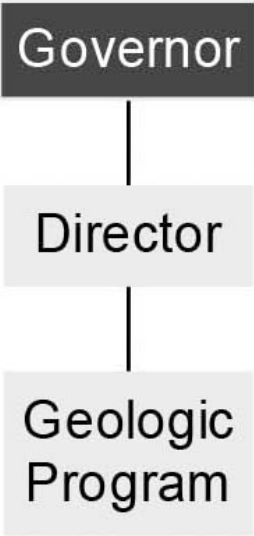
The WSGS has four divisions: 1. Energy and Mineral Resources; 2. Hazards, Hydrogeology, and Data Science; 3. Media, Communications, and Outreach; and 4. Administration.

The WSGS strives to provide all stakeholders with the best science possible to ensure that responsible resource development occurs to benefit Wyoming residents, promote economic prosperity, and protect state resources. In addition to ensuring that Wyoming has the geologic and geohydrologic information necessary to solve existing problems and anticipate future challenges, the WSGS collaborates closely with other state and federal agencies, various organizations, and stakeholders to solve multidisciplinary problems.

The WSGS regularly released publications are the result of research projects on topics ranging from geologic hazards to oil and gas development, and from geologic mapping to geologic tourism in the state. All publications are freely available on the agency's website.

Notably, in the past biennium, the WSGS secured \$208,800 in competitive federal funding as well as approximately \$10M in federally funded airborne geophysical surveys to advance research in critical minerals in the state. Support from the State Legislature and the Governor over the past several years (\$4,050,000 in state funds) has contributed to this success, and Wyoming is steadily gaining attention from the mining industry in the realm of critical minerals and rare earth elements.

SECTION 2. DEPARTMENT ORGANIZATION



SECTION 3. DEPARTMENT STATUTORY AUTHORITY

W.S. 9-2-801 Definitions (amended by Chap. 170, Session Laws of Wyoming 1997)

W.S. 9-2-803 State Geologist, duties and powers

W.S. 9-2-804 Geological Survey, location and headquarters

W.S. 9-2-805 Geological Survey, duties and disposition of materials and specimens

W.S. 9-2-806 State Geologist as chief administrative officer; appointment of employees

W.S. 9-2-807 Geological Survey Board and operation

W.S. 9-2-808 Authority to cooperate and exchange information

W.S. 9-2-809 Use of University of Wyoming students

W.S. 9-2-810 Cooperation with the United States Geological Survey

W.S. 30-5-103 State Geologist participation on the Oil and Gas Commission

W.S. 33-41-107 State Geologist participation on the Board of Professional Geologists (as amended by Chap. 170, Session Laws of Wyoming)

W.S. 36-6-102 Submission, custody and confidentiality of subsurface log reports

W.S. 36-6-105 Inspection reports for State Lands

SECTION 4. PERFORMANCE MEASURES

WSGS Performance Measures

By tracking and understanding the agency's performance, the WSGS obtains an accurate and timely depiction of its contribution to Wyoming. It also ensures studies most beneficial to citizens are managed efficiently and effectively, with the agency delivering the desired products and services to its state and federal partners, as well as to residents and investors in the state.

Performance Measure #1:

Completion of initiatives and grants on schedule and on/or under budget.

Performance Measure #2:

Feedback and guidance from the WSGS Advisory Board

Performance Measure #3:

Feedback from customers and collaborators, including input on products, services, data, and analyses; feedback from public meetings.

Performance Measure #4:

Outside peer reviews of projects, initiatives, and publications.

Performance Measure #5:

Tracking downloads and sales of reports and maps; monitoring use of the WSGS website by outside parties.

SECTION 5. DEPARTMENT PRIORITIES

042 - Geological Survey									
2027-2028 Biennium Priorities									
Priority	Division	Unit #	Program Name / Description	\$	GF	FF	OF	# of Positions	Describe the consequences if priority is cut
1	0100	0101	Administration	\$5,376,645	\$5,158,034	\$218,611	\$0	21	The entire Agency would be eliminated. There would be an inability to fulfill the Agencies objectives and goals.
			Totals	\$5,376,645	\$5,158,034	\$218,611	\$0	21	

SECTION 6. DEPT. EXCEPTION REQUEST PRIORITIES

042 - Geological Survey									
2027-2028 Biennial Budget Request									
Priority	Unit #	Description	Department Request		Governor's Recommendation				
			Amount	Pos	Amount	GF	FF	OF	Pos
1	0101	TRP and Software Replacement	\$97,034	0	\$97,034	\$97,034	\$0	\$0	0
2	0101	0100 Personnel	(\$186,183)	-1	(\$186,183)	(\$186,183)	\$0	\$0	-1
Totals			(\$89,149)	-1	(\$89,149)	(\$89,149)	\$0	\$0	-1
General Fund			(\$89,149)						
Federal Funds			\$0						
Other Funds			\$0						
Total Request			(\$89,149)						

DEPARTMENT GEOLOGICAL SURVEY							DEPT 042
DIVISION GEOLOGIC PROGRAM							DIV NO 0100
1	2	3	4	5	6	7	
Division	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
UNIT							
ADMINISTRATION	0101	5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
TOTAL BY UNIT		5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
OBJECT SERIES							
PERSONNEL	0100	4,716,836	4,750,503	(185,655)	4,564,848	0	4,564,848
SUPPORTIVE SERVICES	0200	356,816	301,638	97,034	398,672	0	398,672
CENT. SERV./DATA SERV.	0400	57,822	68,145	(528)	67,617	0	67,617
NON-OPERATING EXPENDITURES	0800	7,500	7,500	0	7,500	0	7,500
CONTRACTUAL SERVICES	0900	30,248	30,248	0	30,248	0	30,248
TOTAL BY OBJECT SERIES		5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
SOURCES OF FUNDING							
GENERAL FUND/BRA	G	5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
TOTAL BY FUNDS		5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
AUTHORIZED EMPLOYEES							
FULL TIME EMPLOYEE COUNT		21.00	21.00	(1.00)	20.00	0.00	20.00
TOTAL AUTHORIZED EMPLOYEES		21.00	21.00	(1.00)	20.00	0.00	20.00

DEPARTMENT GEOLOGICAL SURVEY
DIVISION GEOLOGIC PROGRAM
UNIT ADMINISTRATION

Wyoming On Line Financial Codes				
DEPT	DIVISION	UNIT	FUND	APPR
042	0100	0101	001	101

SECTION 1. UNIT STATUTORY AUTHORITY

Not applicable

SECTION 2. STANDARD BUDGET REQUEST

Part A: Narrative

The Wyoming State Geological Survey (WSGS) strives to be a responsible steward of state funds, while providing excellent service to the citizens of Wyoming and meeting and exceeding statutory requirements. The agency is organized along functional lines (Energy and Mineral Resources; Hazards, Hydrogeology, and Data Science; Media, Communications, and Outreach; and Administration), with staff allocated appropriately between the four divisions. More than 90% of the agency budget is salaries of staff, who take seriously their responsibilities to serve the people of Wyoming and carry out the statutory mission with which the WSGS has been charged for more than 90 years.

The mission of the WSGS is to promote the beneficial and environmentally sound use of Wyoming's vast geologic, mineral, and energy resources while helping to protect the public from geologic hazards. The WSGS works to study, examine, and understand the geology, energy and mineral resources, hazards, groundwater, and physical features of the state. The WSGS prepares, publishes, and distributes reports and maps on these topics, as well as provides information, advice, and services.

Annually, the WSGS serves its customers by providing scientific interpretation, support, information, and forecasts in a variety of disciplines. Staff regularly answer phone calls and meet with walk-in visitors with questions on geology. Over the past year, the WSGS has received 107,334 total page views and 64,180 active users, including 14,924 downloads of publications and data files. On social media, the agency has 11,038 followers on Facebook, 2,627 on Instagram, and 434 followers in its first year on Threads.

All work at the WSGS is oriented toward improving the quality of life of Wyoming citizens through contributions to the following categories:

- Result #1: Wyoming families and individuals live in a stable, safe, supportive, nurturing, and healthy environment.
- Result #2: Wyoming has a diverse economy that provides a livable income and ensures wage equality.
- Result #6: Wyoming state government is a responsible steward of State assets and effectively responds to the needs of residents and guests.
- Result #8: Wyoming natural resources are managed to maximize the economic, environmental, and social prosperity of current and future organizations.

DEPARTMENT GEOLOGICAL SURVEY
 DIVISION GEOLOGIC PROGRAM
 UNIT ADMINISTRATION

Wyoming On Line Financial Codes
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 042 0100 0101 001 101

Examples of recent WSGS projects that impact each result are as follows:

Result #1. The WSGS published the Teton County Deep-Seated Landslide Susceptibility Map, which provides tools for planning and hazard mitigation. This work is being utilized by the Teton County Emergency Manager, GIS Coordinator, Planning Department, and County Commissioners.

Result #2. The WSGS secured over ten million dollars in federal funding and geophysical surveys to evaluate the Black Hills and Cheyenne belt of southeast Wyoming for critical mineral potential, which will help diversify state revenue.

Result #6. The WSGS has created and frequently updates several online interactive maps showing spatial and analytical data on oil and gas fields, minerals, hazards, and water.

Result #8: The WSGS published the Wyoming Uranium Database to provide data to the mining industry and expedite uranium mining.

Part B: Revenue

The work of the WSGS contributes to billions of dollars in revenue to the state from natural resource development and production (oil, natural gas, coal, trona, helium, etc.) and millions of dollars from extensive geologic tourism, including its numerous geologic wonders (mountain ranges, state parks, Devils Tower, and Teton and Yellowstone national parks, etc.).

The WSGS provides maps, reports, data, and information free online through its website. In addition to free information, the WSGS has sales of publications and maps that total approximately \$10,000 per year. These funds are deposited in the state's General Fund (Revenue Code 5511) and in sales tax (Revenue Code 1254). Publications and maps created by the WSGS are sold for an average profit of \$3 per item.

United States Geological Survey items are purchased at a 40% discount and sold at retail price. Bureau of Land Management maps are sold at a profit of approximately \$3 per item. Shipping is charged at or slightly above cost, and maps can be plotted for \$0.58 per linear foot, which covers the cost of ink, paper, and maintenance. The WSGS Geologic Program receives augmenting funds, on a short-term basis, from legislative appropriations for specific projects and from federal and interagency grants. In the 2025–2026 biennium, legislative funds of \$2M were issued in support of airborne geophysical surveys for mineral exploration. Federal funding was allocated for projects involving mapping and mineral research, and totaled \$208,800. Some of the federal funds require a state match, which is generally achieved through the time contributed by state personnel. Federal funding is variable and cannot be relied upon as a steady source of funding and revenue.

GOVERNOR'S RECOMMENDATION

I recommend approval of the standard budget as submitted.

DEPARTMENT GEOLOGICAL SURVEY
DIVISION GEOLOGIC PROGRAM
UNIT ADMINISTRATION

Wyoming On Line Financial Codes
DEPT DIVISION UNIT FUND APPR
042 0100 0101 001 101

SECTION 3. SPECIAL REVENUE FUND HISTORY

Not Applicable

DEPARTMENT GEOLOGICAL SURVEY
 DIVISION GEOLOGIC PROGRAM
 UNIT ADMINISTRATION

Wyoming On Line Financial Codes
 DEPT DIVISION UNIT FUND APPR
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SECTION 4. EXCEPTION REQUEST

PRIORITY #2 – 0100 Personnel

A. EXPLANATION OF REQUEST: The WSGS requests to transfer the fiscal position and associated funding to the Department of Administration & Information (A&I) Accounting Office. This transfer was initially accomplished via B-11 #25318 in June 2025. This will allow the A&I Accounting Office to continue to provide fiscal and budget support to WSGS in a manner that is fiscally sound and in accordance with generally accepted accounting principles.

B. REQUEST BY OBJECT CODE, FUNDING AMOUNT & FUND SOURCE:

	Object Code	Amount	Funding Source
1	0103 Salaries	(\$118,102)	100% 1001
2	0105 Benefits	(\$31,188)	100% 1001
3	0196 Health Ins	(\$35,654)	100% 1001
4	0197 Retirees Ins	(\$711)	100% 1001
5	0420 Telecom	(\$528)	100% 1001
	Total	<u>(\$186,183)</u>	100% 1001 General Fund

C. JUSTIFICATION / CONSEQUENCES: Having one accountant at an agency causes difficulties when that accountant requires an extended absence. By utilizing A&I accounting, the agency will maintain continuous financial coverage under all circumstances.

E. ETS APPROVAL NUMBER (IF APPLICABLE): N/A

GOVERNOR'S RECOMMENDATION

I recommend approval of (\$186,183) for this ongoing request as submitted.

DEPARTMENT GEOLOGICAL SURVEY
 DIVISION GEOLOGIC PROGRAM
 UNIT ADMINISTRATION

Wyoming On Line Financial Codes
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 042 0100 0101 001 101

SECTION 5. TRP EXCEPTION REQUEST

PRIORITY #1 - 200 Series - 27/28 Biennium (Hardware-Software Request)

Enterprise Technology Services (ETS) recommends a four-year computer refresh cycle to ensure operational reliability, cybersecurity compliance, and workforce productivity. To support this, ETS established the Technology Replacement Program (TRP). Due to the State's biennial funding structure, ETS and the State Budget Department advise agencies to replace 25% of their equipment each fiscal year, or 50% over the two-year biennium. Therefore, Enterprise Technology Services, the State Budget Department and the agency have identified one-time funding for replacing the following devices.

This one-time request for IT hardware and software is required to supplement the standard appropriation in order to procure the forecasted services for the 2027-2028 biennium. The following amounts were submitted to ETS for review and approval (TRP Approval #RITM0155819-APPR0020625, #RITM0155790-APPR0020624, #RITM0155793-APPR0020621, #RIT0155794-APPR0020623). IT hardware: CADD ArcPro Workstations, Quantity 8@\$3,040.00, Sales/Conference Room Workstations, Quantity 2@\$2,740.00, Admininstrative Staff Workstations, Quantity 2@\$1,000.00, Field Work Tablets, Quantity 2@\$1,193.00.

OBJECT 0242 - TPR IT Hardware

	Description	Number of Units	Cost per Unit	Total Amount	Funding Source
1	CADD Desktop	8	\$3,300	\$26,400	100% 1001
2	Performance Desktop Sales and Conference	2	\$2,895	\$5,790	100% 1001
3	Field WorkTablets	2	\$1,193	\$2,386	100% 1001
4	Admin Staff Workstations, 4-year cycle replacements	2	\$1,085	\$2,170	100% 1001
	Total			\$36,746	100% 1001 General Fund

Justification/Consequences/Risk:

This one-time request for IT hardware is required to supplement the standard appropriation in order to procure the forecasted services for the 2027-2028 biennium. The amounts were submitted to ETS for review and approval. The Technology Replacement Program (TRP), developed by Enterprise Technology Services (ETS), is designed to ensure a secure, reliable, and modern computing environment across state agencies. Hardware replacements are part of the TRP program. Regular computer replacements every four years reduce security vulnerabilities, prevent performance issues, and maintain alignment with evolving IT standards. This one-time funding is essential to replace aging and unsupported hardware and software that could compromise operations and data security.

ETS TRP APPROVAL NUMBER: RITM0155819-APPR0020625, RITM0155790-APPR0020624, RITM0155793-APPR0020621, RIT0155794-APPR0020623

DEPARTMENT GEOLOGICAL SURVEY
 DIVISION GEOLOGIC PROGRAM
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Wyoming On Line Financial Codes
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 042 0100 0101 001 101

OBJECT 0242 IT Hardware

A. EXPLANATION OF REQUEST:

This request for \$22,624 is for remaining IT hardware necessary for the agency to carry out its mission. This includes the replacement of outdated desktop computers, laptop computers, monitors, backup battery systems, docking stations, and printers. The information behind this request was submitted to ETS for review, and they have provided approval. The scientists at this agency work with extremely large datasets and utilize specialized software that require computing power beyond normal desktop applications. These computers are used for the duration recommended by ETS, then cycled to personnel who require less computing power, and then to our labs; therefore, we retain computers and monitors for several years. ***Combined with the above TRP exception request the total amount of the agency exception request for 0242-IT hardware is \$97,034.*** IT Hardware: 27" Monitors, Quantity20@\$250, CADD Laptop w/Docking Station, Quantity4@\$3,975, HP Standard Desktop Color Printers, 2@\$775.

OBJECT 0242 - Hardware

	Description	Number of Units	Cost per Unit	Total Amount	Funding Source
1	27" Monitors	20	\$250	\$5,000	100% 1001
2	CADD Laptop w/Docking Station	4	\$3,975	\$15,900	100% 1001
3	HP Standard Desktop Color Printers	2	\$775	\$1,550	100% 1001
	Total			\$22,450	100% 1001 General Fund

Justification/Consequences/Risk:

The Technology Replacement Program (TRP), developed by Enterprise Technology Services (ETS), is designed to ensure a secure, reliable, and modern computing environment across state agencies. Hardware replacements are part of the TRP program. Regular computer replacements every four years reduce security vulnerabilities, prevent performance issues, and maintain alignment with evolving IT standards. This one-time funding is essential to replace aging and unsupported hardware and software that could compromise operations and data security. Failure to fund Microsoft and Adobe software subscriptions would result in agencies operating without access to critical tools required to perform daily operations. Without current licenses, agencies risk losing access to essential security updates and face increased vulnerability to cybersecurity threats. Additionally, outdated or unsupported software can disrupt daily operations, reduce productivity, hinder interagency coordination, and increase support costs. The absence of centralized licensing would also eliminate volume-based cost savings and increase administrative overhead across the enterprise.

ETS_APPROVAL NUMBER: RITM0155796_APPR0020615, RITM0155790_APPR0020624, RITM0155793_APPR0020621, RITM0155794_APPR0020623, RITM01558

DEPARTMENT GEOLOGICAL SURVEY
 DIVISION GEOLOGIC PROGRAM
 UNIT ADMINISTRATION

Wyoming On Line Financial Codes
 DEPT DIVISION UNIT FUND APPR
 042 0100 0101 001 101

OBJECT 0292 - Maintenance Agreements related to hardware/software

A. EXPLANATION OF REQUEST: Access to standard and specialized software is vital to the agency's ability to carry out its mission and statutory requirements. Without the software contained in this request, the agency scientists cannot release reports on subsurface resources that are important to the state, such as oil and natural gas, coal, trona, uranium, and groundwater. The information behind this \$37,838 request was submitted to ETS for review, and they have provided approval. A detailed description of the software is listed in the justification. IT Intangible Software: Adobe Creative Cloud - All Apps, 7@\$1,045, Adobe Creative Cloud- Illustrator, 5@\$470, Adobe Acrobat Pro DC, 19@\$159, MS Office 365 Pro (G3), 23@\$271.

	Description	Number of Units	Cost per Unit	Total Amount	Funding Source
1	Adobe Creative Cloud - All Apps	7	\$2,090	\$14,630	100% 1001
2	Adobe Creative Cloud - Illustrator	5	\$940	\$4,700	100% 1001
2	Adobe Acrobat Pro DC	19	\$318	\$6,042	100% 1001
4	MS Office 365 Pro (G3)	23	\$542	\$12,466	100% 1001
	Total			\$37,838	100% 1001 General Fund

Justification/Consequences/Risk:

This request is for software needed for the agency to function. Microsoft Office 365 Pro (G3) is needed for all agency computers. Working with documents and publishing reports requires Adobe Creative Cloud, Adobe Illustrator, Adobe Acrobat Pro, WordsFlow Pro, DocFlowPro, and Zotero. Navigating in the field utilizes Avenza Map Pro and OnX Hunt Pro (Wyoming). Geological modelling requires Mathworks and Modflow. Additional subscription-based specialized software is funded under 0292 Maintenance Agreements (ESRI ArcGIS Pro and extensions, Neuralog, Global Mapper, JADE Pro, and PDF-4 Minerals). Access to standard and specialized software is vital to the agency's ability to carry out its mission and statutory requirements. Without the software contained in this request, the agency scientists cannot release reports on subsurface resources that are important to the state, such as oil and natural gas, coal, trona, uranium, and groundwater. Geological modelling requires Mathworks and Modflow. Additional subscription-based specialized software is funded under 0292 Maintenance Agreements (ESRI ArcGIS Pro and extensions, Neuralog, Global Mapper, JADE Pro, and PDF-4 Minerals). The information behind this \$37,838.00 request was submitted to ETS for review, and they have provided approval.

ETS APPROVALNUMBER: RITM0154776_APPR0021436, RITM0154952_APPR0020645, RITM0155002_APPR0020611, RITM0155759_APPR0019639, RITM0155760_APPR0019639

GOVERNOR'S RECOMMENDATION

I recommend approval of \$97,034 for this request as submitted. Of this request, I recommend \$59,196 be one-time. I further recommend the remainder \$37,838 be ongoing.

DEPARTMENT DIVISION UNIT	GEOLOGICAL SURVEY GEOLOGIC PROGRAM ADMINISTRATION	Wyoming On Line Financial Codes					
		DEPT	DIVISION	UNIT	FUND	APPR	
		042	0100	0101	001	101	
1		2	3	4	5	6	7
Description	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
EXPENDITURES							
SALARIES CLASSIFIED	0103	3,220,774	3,259,670	(118,102)	3,141,568	0	3,141,568
EMPLOYER PD BENEFITS	0105	862,402	858,016	(31,188)	826,828	0	826,828
EMPLOYER HEALTH INS BENEFITS	0196	614,212	613,604	(35,654)	577,950	0	577,950
RETIREEES INSURANCE	0197	19,448	19,213	(711)	18,502	0	18,502
PERSONNEL	0100	4,716,836	4,750,503	(185,655)	4,564,848	0	4,564,848
REAL PROPTY REP & MT	0201	2,000	2,000	0	2,000	0	2,000
EQUIPMENT REP & MNTC	0202	1,100	1,100	0	1,100	0	1,100
UTILITIES	0203	25,000	25,000	0	25,000	0	25,000
COMMUNICATION	0204	2,000	2,000	0	2,000	0	2,000
DUES-LICENSES-REGIST	0207	24,360	24,360	0	24,360	0	24,360
ADVERTISING-PROMOT	0208	300	300	0	300	0	300
MISCELLANEOUS	0210	100	100	0	100	0	100
TRAVEL IN STATE	0221	30,450	30,450	0	30,450	0	30,450
TRAVEL OUT OF STATE	0222	17,000	17,000	0	17,000	0	17,000
PERMANENTLY ASSIGNED VEHICLES	0223	35,825	58,367	0	58,367	0	58,367
BD/COMM TRAVEL REIMBURSEME	0227	3,000	3,000	0	3,000	0	3,000
SUPPLIES	0230	23,234	23,234	0	23,234	0	23,234
OFFICE SUPPL-PRINTNG	0231	17,000	17,000	0	17,000	0	17,000
MTR VEH&AIRPLANE SUP	0233	1,000	1,000	0	1,000	0	1,000
MEDICAL-LAB SUPPLIES	0235	2,200	2,200	0	2,200	0	2,200
EDUCA-RECREATNL SUPP	0236	1,500	1,500	0	1,500	0	1,500
OTH REPAIR-MAINT SUP	0239	1,000	1,000	0	1,000	0	1,000
SOFTWARE	0240	33,850	0	0	0	0	0
IT HARDWARE	0242	43,870	0	59,196	59,196	0	59,196
EQUIPMENT RENTAL	0252	5,200	5,200	0	5,200	0	5,200
PAYMENTS	0255	1,000	1,000	0	1,000	0	1,000
MAINTENANCE AGREEMENTS	0292	85,827	85,827	37,838	123,665	0	123,665
SUPPORTIVE SERVICES	0200	356,816	301,638	97,034	398,672	0	398,672
CENTRAL-SER DATA-SER	0410	41,373	51,696	0	51,696	0	51,696
TELECOMMUNICATIONS	0420	16,449	16,449	(528)	15,921	0	15,921
CENT. SERV./DATA SERV.	0400	57,822	68,145	(528)	67,617	0	67,617
PURCHASE FOR RESALE	0801	7,500	7,500	0	7,500	0	7,500
NON-OPERATING EXPENDITURES	0800	7,500	7,500	0	7,500	0	7,500
CONTRACT SERVICES	0901	30,248	30,248	0	30,248	0	30,248
CONTRACTUAL SERVICES	0900	30,248	30,248	0	30,248	0	30,248
EXPENDITURE TOTALS		5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885

DEPARTMENT DIVISION UNIT		Wyoming On Line Financial Codes					
		DEPT	DIVISION	UNIT	FUND	APPR	
		042	0100	0101	001	101	
1		2	3	4	5	6	7
Description	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
SOURCE OF FUNDING							
GENERAL FUND	1001	5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
GENERAL FUND/BRA	G	5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
TOTAL FUNDING		5,169,222	5,158,034	(89,149)	5,068,885	0	5,068,885
AUTHORIZED EMPLOYEES							
FULL TIME EMPLOYEE COUNT		21.00	21.00	(1.00)	20.00	0.00	20.00
TOTAL AUTHORIZED EMPLOYEES		21.00	21.00	(1.00)	20.00	0.00	20.00

DEPARTMENT		GEOLOGICAL SURVEY					Wyoming On Line Financial Codes					
DIVISION		GEOLOGIC PROGRAM					DEPT	DIVISION	UNIT	FUND	APPR	
UNIT		ADMINISTRATION					042	0100	0101	001	101	
		1					2	3	4	5	6	7
Pos#	FT/ PT	Band#	Class Date	Percent			Agency Request Salary	Agency Request Benefits	Agency Request Total	Governor's Changes Salary	Governor's Changes Benefits	Governor's Changes Total
Class Code	Position Title					GF	FF	OF				
0005D	F	100										
FIAC08		SENIOR ACCOUNTANT		100			(118,102)	(67,553)	(185,656)	0	0	0
Total							(118,102)	(67,553)	(185,656)	0	0	0
Authorized Employees Full Time							(1.00)			0.00		

DEPARTMENT GEOLOGICAL SURVEY							DEPT 042
DIVISION WY MINERAL RESOURCE							DIV NO 0200
1	2	3	4	5	6	7	
Division	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
UNIT							
WY MINERAL RESOURCES	0201	2,000,000	0	0	0	0	0
TOTAL BY UNIT		2,000,000	0	0	0	0	0
OBJECT SERIES							
CONTRACTUAL SERVICES	0900	2,000,000	0	0	0	0	0
TOTAL BY OBJECT SERIES		2,000,000	0	0	0	0	0
SOURCES OF FUNDING							
GENERAL FUND/BRA	G	2,000,000	0	0	0	0	0
TOTAL BY FUNDS		2,000,000	0	0	0	0	0

DEPARTMENT		Wyoming On Line Financial Codes					
DIVISION		DEPT		DIVISION		UNIT	
UNIT		042		0200		0201	
				001		APPR	
						101	
1		2	3	4	5	6	7
Description	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
EXPENDITURES							
SPECIAL PROJ & SVCS	0903	2,000,000	0	0	0	0	0
CONTRACTUAL SERVICES	0900	2,000,000	0	0	0	0	0
EXPENDITURE TOTALS		2,000,000	0	0	0	0	0
SOURCE OF FUNDING							
GENERAL FUND	1001	2,000,000	0	0	0	0	0
GENERAL FUND/BRA	G	2,000,000	0	0	0	0	0
TOTAL FUNDING		2,000,000	0	0	0	0	0

DEPARTMENT GEOLOGICAL SURVEY							DEPT 042
DIVISION USGS GRANTS							DIV NO 0300
1	2	3	4	5	6	7	
Division	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
UNIT							
USGS	0301	208,800	218,611	0	218,611	0	218,611
TOTAL BY UNIT		208,800	218,611	0	218,611	0	218,611
OBJECT SERIES							
SUPPORTIVE SERVICES	0200	108,800	108,800	0	108,800	0	108,800
RESTRICTIVE SERVICES	0300	0	9,811	0	9,811	0	9,811
CONTRACTUAL SERVICES	0900	100,000	100,000	0	100,000	0	100,000
TOTAL BY OBJECT SERIES		208,800	218,611	0	218,611	0	218,611
SOURCES OF FUNDING							
FEDERAL FUNDS	X	208,800	218,611	0	218,611	0	218,611
TOTAL BY FUNDS		208,800	218,611	0	218,611	0	218,611

DEPARTMENT GEOLOGICAL SURVEY
 DIVISION USGS GRANTS
 UNIT USGS

Wyoming On Line Financial Codes
 DEPT DIVISION UNIT FUND APPR
 042 0300 0301 FED 301

SECTION 2. STANDARD BUDGET REQUEST

0300: USGS Federal Grant

A. Explanation

The WSGS applies annually to the USGS STATEMAP geologic mapping initiative, which is part of the National Cooperative Geologic Mapping Program. This grant program provides funding for travel, mapping equipment, sample analyses, and salary for contractors who work as field assistants to WSGS geologists. The program requires one-to-one cost share, which is provided entirely through in-kind match of staff time. The amount of the grant changes year to year because each year involves a new location and new project. No cash funds are required for this program.

B. Object Code, Funding Amount & Fund Source

Object Code	Amount	Funding Source
0200: Supportive Services	\$108,800	100% Federal Funds
0300: Cost Allocation	\$9,811	100% Federal Funds
0900: Contracts	\$100,000	100% Federal Funds

C. Performance Justification

Geologic mapping is the first step in identifying the distribution of rocks and surficial deposits, as well as the locations of geologic faults and folds. This information is the foundation of all mineral and energy resource exploration, geologic hazard identification, and subsurface interpretation for groundwater and oil and gas development. Geologic mapping at useful scales in Wyoming is astonishingly scarce; for example, only 16% of Wyoming's bedrock is mapped at a scale of 1:24,000 (7.5 minute quad). The WSGS has been involved in the USGS STATEMAP geologic mapping program since 1994. In that time the state survey has produced 110 1:100,000-scale maps, 53 1:24,000-scale maps, and has received more than \$3.23 million in federal funding. The WSGS prioritizes its mapping targets through the following criteria: mineral and energy resource development, geologic hazards, and new mapping.

GOVERNOR'S RECOMMENDATION

I recommend approval of the standard budget as submitted.

DEPARTMENT GEOLOGICAL SURVEY
DIVISION USGS GRANTS
UNIT USGS

Wyoming On Line Financial Codes
DEPT DIVISION UNIT FUND APPR
042 0300 0301 FED 301

SECTION 3. SPECIAL REVENUE FUND HISTORY

Not Applicable

DEPARTMENT DIVISION UNIT		Wyoming On Line Financial Codes					
GEOLOGICAL SURVEY USGS GRANTS USGS		DEPT 042	DIVISION 0300	UNIT 0301	FUND FED	APPR 301	
1		2	3	4	5	6	7
Description	Code	Base Budget 2027-2028	Standard Budget	Total Dept Exception Request	Total Budget Request	Governor's Exception Changes	Governor's Recommendation
EXPENDITURES							
COMMUNICATION	0204	4,000	4,000	0	4,000	0	4,000
MISCELLANEOUS	0210	6,800	6,800	0	6,800	0	6,800
TRAVEL IN STATE	0221	84,000	84,000	0	84,000	0	84,000
TRAVEL OUT OF STATE	0222	8,000	8,000	0	8,000	0	8,000
SUPPLIES	0230	2,800	2,800	0	2,800	0	2,800
OFFICE SUPPL-PRINTNG	0231	3,200	3,200	0	3,200	0	3,200
SUPPORTIVE SERVICES	0200	108,800	108,800	0	108,800	0	108,800
COST ALLOCATION	0301	0	9,811	0	9,811	0	9,811
RESTRICTIVE SERVICES	0300	0	9,811	0	9,811	0	9,811
CONTRACT SERVICES	0901	100,000	100,000	0	100,000	0	100,000
CONTRACTUAL SERVICES	0900	100,000	100,000	0	100,000	0	100,000
EXPENDITURE TOTALS		208,800	218,611	0	218,611	0	218,611
SOURCE OF FUNDING							
15.800 GEO/MINERAL RESEARCH	7808	208,800	208,800	0	208,800	0	208,800
STATEWIDE COST ALLOCATION	SWCA	0	9,811	0	9,811	0	9,811
FEDERAL FUNDS	X	208,800	218,611	0	218,611	0	218,611
TOTAL FUNDING		208,800	218,611	0	218,611	0	218,611