



Application

93274 - FY2021 Montana Land Information Act Grant Application - Final Application

93512 - Field Inventory of Glacier County Roads and Infrastructure
MSL Montana Land Information Act Grant

Status: Submitted Submitted Date: 02/18/2020 1:19 PM Submitted By: John P Evans

Applicant Information

Primary Contact:

Name:* Mr. John P Evans
Salutation First Name Middle Name Last Name
 Title: Glacier County Road Dept. Superintendent
 Email:* jevans@glaciercountymt.org
 Alternate Email sracine@glaciercountymt.org
 Address:* 512 E MAIN

* Cut Bank Montana 59427
City State/Province Postal Code/Zip
 Phone:* 406-873-4362
Phone Ext. ###-###-####
 Alternate Phone 406-450-2220
 Fax: 406-873-5064
 Comments:

Organization Information

Name:* Glacier County of Montana
 Organization Type: County Government
 Organization Website:
 Address:* 512 East Main Street
 Glacier County Courthouse

* Cut Bank Montana 59427
City State/Province Postal Code/Zip
 Phone:* 406-873-2084
 Ext. 3647
 Alternate Phone 406-450-1105
 Fax: 406-873-3613
 Email address des@glaciercountymt.org
 Alternate Email jevans@glaciercountymt.org
 Comments:

Applicant Organization and Contact Information

Type of Governmental Entity:* Any city, county, or other division of local government

Name of Agency/Entity:* Glacier County

Department:* Roads Department

Division/Section (if applicable):

Mailing Address:* 512 East Main Street

City:* Cut Bank

County:* Glacier

Zip Code:* 59427

Organization's Main Phone Number:* 406-873-4362

Organization's Fax Number:

Primary Point of Contact

Salutation:* Mr.

Contact Name:* John Evans

Contact Title:* Road Department Supervisor

What is the contact's defined role in the proposed project:* Project Manager
Max 250 characters

Before completing the MLIA Grant application, the designated point of contact must read and understand the fiscal year 2021 Montana Land Information Act Grant Packet in its entirety.

Has the primary point of contact read the fiscal year 2021 Montana Land Information Act Grant Packet in its entirety?* Yes

Authorization Letter

Please attached signed authorization letter here as a PDF document:* MLIA_2021_GlacierCounty_GrantAuthorizationLetter.pdf

Proposal Information

The applicant must identify one grant priority that the proposed project will address.

Identified Grant Priority:* 1.1. Develop GIS Information to Support Next Generation 9-1-1

Please indicate whether or not the proposed grant is part of a multi-year proposal. If it is, please identify the intended total number of years for the project and the current year of the project. After clicking "yes" below, you will see text boxes appear in which you can enter the required information about the multi-year project.

Multi-Year Proposal:* No

Please list the person(s) who prepared this grant application.

Proposal Prepared By:* Mindy Cochran

Executive Summary:*

Please provide an executive summary of the proposed project.

There is a 3,000-character limit for the executive summary.

Glacier County is applying for MLIA funding to develop a field data collection system with ArcGIS Collector to inventory roads, thereby providing a comprehensive database of their transportation network to aid in the routing of emergency responders for 9-1-1 calls.

It is estimated as much as 40% of Glacier County's transportation network is missing for the county 9-1-1 GIS dataset and MSDI transportation framework. Therefore, the primary intent of this project will be to collect the roads missing from the transportation framework with necessary attributes for interoperability with Next Generation 9-1-1 (NG9-1-1) and the MSDI transportation framework.

Additionally, Glacier County intends to collect digital information about culverts, posts, signs, bridges, and cattle guards and develop a web-based map to make this infrastructure information easily accessible. This information and web-based map will help Glacier County obtain a clear picture of maintenance needs for their infrastructure. Sound decision making related to infrastructure maintenance is critically important to Glacier County given their current cash deficit of over \$3.9 million. John Evans (the new supervisor of the Road Department) has identified the development of this infrastructure dataset as an important tool that will help put them on a sound path forward into the new decade.

Relevance

Relevance to the FY2021 Montana Land Information Plan:*

In this section, please:

1.) Describe how the proposal meets the purpose of the Montana Land Information Act: to develop a standardized, sustainable method to collect, maintain, and disseminate information; and

2.) Clearly demonstrate how the proposal meets the defined FY2021 Montana Land Information Plan Priority.

There is a 3,000-character limit for the relevance narrative.

Since the purpose of the Montana Land Information Act is to develop a standardized, sustainable method to collect, maintain, and disseminate information in digital formats about the natural and artificial land characteristics of Montana, this project to collect and maintain transportation and other infrastructure data with ArcGIS Collector is well-suited to the intent of the act. After data is collected, the information will be disseminated to Glacier County's 9-1-1 Center for routing responders to emergencies and to the Montana State Library for inclusion in the MSDI (Montana Spatial Data Infrastructure) transportation theme.

Additionally, this project meets the priorities outlined in the FY2021 Montana Land Information Plan, since the plan clearly identifies developing GIS information such as road centerlines to support NG9-1-1 as a top tier priority. Road centerlines collected through this project will be NENA (National Emergency Number Association) compliant and meet requirements for integration into the MSDI transportation theme.

Public Benefit

Public Benefit:*

In this section, please describe why and demonstrate how the grant project will:

1.) Benefit a specific MSDI theme;

2.) Enhance the land information needs of multiple agencies or jurisdictions; and

3.) Benefit the citizens of Montana.

There is a 3,000-character limit for the public benefit narrative.

This project will benefit the MSDI transportation theme by collecting roads in Glacier County currently missing from the theme data. When new roads are collected through this project, the attributes needed for integration into the MSDI transportation theme will also be collected. The comprehensive feature class will be submitted to MSDI theme lead Michael Fashoway at the end of this project.

Additionally, services from the Glacier County Road department will be enhanced by enabling them to track their infrastructure across the county, giving them a clear picture of maintenance needs with which to develop a maintenance plan. This project will also enhance services in the Glacier County 9-1-1 Center by completing their transportation network with comprehensive, consistent, high quality GIS data for use within NG9-1-1 systems.

Citizens of Montana (specifically Glacier County, Montana) will benefit from this project in several ways:

- Updating the GIS transportation framework will enhance routing of emergency responders to 9-1-1 calls, which could mean the difference between life and death for a victim.
- Adopting a sophisticated mapping system for infrastructure will eliminate time consuming, manual research in the courthouse currently being done to get information about roads, thereby making a more sensible use of Glacier County employee time and taxpayer resources.
- Leveraging ArcGIS Collector will aid Glacier County in sound decision making for infrastructure maintenance and thus fiscal responsibility.

Communities in Glacier County benefitting include the towns of Cut Bank (which is the county seat), Browning, East Glacier and St. Mary.

Primary Project Manager Contact Information

Salutation:* Mr.
Name:* John Evans
Title:* Road Department Supervisor
Email Address:* jevans@glaciercountymt.org
Phone Number:* 406-863-4362

Secondary Project Manager Contact Information

Salutation:* Mr.
Name:* James Racine
Title:* Weed Coordinator
Email Address:* jracine@glaciercountymt.org
Phone Number:* 406-845-9034

Organizational Capability

Organizational Capability:*

There is a 4,000-character limit for the organizational capability narrative.

The project manager for this project is John Evans, Road Department Supervisor for Glacier County. Before beginning work at the Glacier County Road Department in August of 2008, John was employed in law enforcement and construction/ building. In August of 2008, John went to work for the Glacier County Road Department as a heavy equipment operator, mostly road grading. In January of 2016, Glacier County hired John as the road superintendent for Glacier County as part of their 2016/2017 management restructure efforts.

Since that time, John has been in charge of many projects. One of the bigger ones was the Pardue Road Bridge rebuild that was done in 2016-17 where he was involved in the planning, bid process and construction of the entire project. This Pardue Road Bridge project required many hours working with both the engineering firm and construction firm that was hired for the project. Under John's supervision, the county road staff did dirt work for the project before and after the actual construction. On a regular basis, John oversees and supervises projects such as re-gravelling and maintenance of county roads, installing culverts and cattle guards, and identifying and installing missing road signs.

The secondary project manager and the person in charge of data collection for this project is the Glacier County Weed Coordinator / Supervisor James (Jimmy) Racine. Like John, Jimmy was hired on as part of Glacier County's 2016/2017 management restructure efforts. As Weed Coordinator, Jimmy has been in charge of coordination and implantation of the Glacier County Weed Management Plan which consists of many tasks. He also oversees and coordinates special contracts with MDOT for spraying noxious weeds in special construction areas as well as consults with landowners for their projects for weed management. During the winter months, Jimmy helps the Road Superintendent with projects such as developing new roads, maintaining roads, cattle guard and culvert placement, and snow removal from rural county roads and the town of East Glacier.

Prior to taking the position as Glacier County Weed Coordinator, Jimmy was a Health Enhancement teacher for Browning Public Schools for 9 years. During those 9 years, he worked during the summer months for the Glacier County Road and Weed Department as a laborer/operator and then as a foreman for the Weed Department.

Project Management

Project Management:*

There is a 10,000-character limit for the project management narrative.

John will be overseeing this project from start to finish to ensure all tasks are completed pursuant to grant timeline. John will be responsible for completing the quarterly and final reports as well as ensuring that all project deliverables are submitted.

John has successfully managed several grants since he started as the Road Department Supervisor in 2016. In 2018, he was awarded one grant for \$7,482.67 and another for \$41,729.61 from the MDT - Bridge and Road Safety Program. The MDT awarded a third grant to John in 2019 for \$92,761.14. All grants are for the maintenance of county roads.

The consultant selected to oversee this project is Mindy Cochran of WGM Group. WGM Group is a comprehensive planning and design firm with licensed professionals in engineering, surveying, water resources, planning and landscape architecture. WGM Group has 16 users in their GIS sector. With offices in Kalispell, Missoula, Bozeman and Hamilton, MT, a sophisticated Skype system allows the WGM GIS team to work closely together on technical matters and quality control. Mindy joined the WGM team in 2018. Prior to that, she worked for 16 years with the Flathead County GIS Department, 11 of those years serving as the GIS Program Manager. Mindy is experienced with managing all aspects of local government GIS programs, from overseeing the creation and maintenance of a county wide GIS map data library, to organizing, directing and reviewing staff work assignments and activities, to developing and documenting business processes. Mindy has a passion for being on the leading edge of technology. As an integral part of the launch of Flathead County's E9-1-1 program back in 2008 through data entry for Flathead County E9-1-1 until 2018, Mindy is intimately familiar with E9-1-1 systems and their data requirements. Mindy is also well acquainted with writing metadata and publishing data with the Montana GIS data portal.

Contractual Services

Does the applicant intend to hire a consultant to perform work on the proposed project?* Yes

Name of consultant company/organization: WGM Group

Primary contact at company/organization: Mindy Cochran

Invoicing Methodology

Please Attach Sample Invoicing Documents:* MLIA_2021_GlacierCounty_SampleInvoice.pdf

Scope of Work

Scope of Work:*

Please observe the following requirements and guidelines for completing the scope of work narrative:

Formatting, Writing, and Mandatory Form Requirements for this Section:

1. Refer to all hired or potential consultants/contractors as "consultant." Do not use individual or company names, e.g., Raster & Vector GIS Firm.
2. The following format is required for labeling goals, objectives, and tasks:
 - a. All goals must be numbered, e.g.: Goal 1: Improve GIS for County XYZ.
 - b. All objectives must be numbered in order and include their overarching goal, e.g., Objective 1.1: Complete an MLIA Grant Application.
 - c. All tasks must be numbered in order and include their overarching goal and objective, e.g., Task 1.1.1: Create a Web Grants User Profile.
3. Collecting Survey Control – Applicant must submit the "MLIA Proposed Survey Control Point Collection" form, provided in the MLIA Grant Application Packet, to identify the proposed collection.
4. The applicant is required to submit the "MLIA Grant Project Timeline." Please use the template provided below to complete the timeline.

Goals and Objectives – List the project goal or goals and objectives. Goals are separate and distinct from objectives. Project goals should be broad and provide a general statement of the project purpose. Each goal should have at least one measurable objective. Each objective should describe a specific outcome of the project and when this outcome will be achieved.

Tasks – Tasks must be described in chronological order necessary to accomplish the work under each objective. This description must provide sufficient detail to show that the tasks are achievable and will accomplish the objectives stated in the application. The description also should provide detail concerning the specific results of each task.

1. All equipment purchases must be listed as separate tasks. Each equipment purchase must be clearly described and include specific justification how the purchase will help achieve the applicant's goals and objectives.
 - a. Equipment purchases must comply with section 90-1-411 (1), MCA: "Money in the account may be used only for the purposes of this part, including purchasing technology to assist in collecting, maintaining, or disseminating land information and funding the budget required under 90-1-410."
2. Please refer to the MLIA Grant Compliance Section of the MLIA Grant Application Packet for GIS Project Planning Grants eligible expenditures and activities.
3. Please refer to Appendix B of the Montana Land Information Act Grant Packet for requirements for collecting survey control.

There is a 15,000-character limit for the scope of work narrative.

Goal 1: Manage Project Team

Objective 1.1: The objective of this phase will be to actively manage and coordinate with the project team, including Glacier County staff, the consultant, and the Montana State Library.

Task 1.1.1: Project management

Task 1.1.2: Monthly billing and budget tracking

Task 1.1.3: Quarterly reports

Goal 2: Build Web-Based Map(s)

Objective 2.1: The objective of this phase will be to acquire software necessary to build a web-based map (aka web map), conduct a needs assessment for Glacier County's web map, as well as create said map in ArcGIS Online.

Task 2.1.1: Hold a needs assessment meeting between consultant and Glacier County to determine:

- Which map layers will be hosted in Glacier County's ArcGIS Online account (including which fields and domains are needed for which layers and overiewing what information is necessary for MSDI and NG9-1-1).
- Which map services from other organizations would be helpful to consume (i.e. addresses, parcel information, FEMA flood plains, etc.).
- What information pop-up boxes should display.
- What search functions a web map should have (for example: search by address or asset number, etc.).

Task 2.1.2: Acquire and install necessary ArcGIS licenses.

- ArcGIS Online Viewer
- ArcGIS Pro Standard

Task 2.1.3: Create an ArcGIS Online account.

Task 2.1.4: Utilize consultant to create feature services and web map(s) pursuant to needs assessment.

Goal 3: Acquire Hardware for Data Collection & Complete Staff Training with Consultant

Objective 3.1: Acquire hardware necessary for data collection with ArcGIS Online.

Task 3.1.1: Acquire Trimble GPS R1 receiver and enable GNSS (Global Navigation Satellite System) status on the receiver to allow for sub-meter accuracy data collection.

Task 3.1.2: Acquire ruggedized field device. Install ArcGIS Collector on device and configure SBAS (Satellite-based Augmentation System) on tablets/lpads to allow for sub-meter accuracy data collection.

Objective 3.2: Utilize consultant to conduct training for Glacier County staff.

Task 3.2.1: Host on-site training for pertinent Glacier County staff in the use of ArcGIS Collector (including how to take photo attachments and work off-line).

Task 3.2.2: Host on-site training for pertinent Glacier County staff on how to navigate the new web map.

Task 3.2.3: Host on-site training for pertinent Glacier County staff in the use of ArcGIS Pro to connect road segments and update attribute information.

Goal 4: Field Data Collection

Objective 4.1 Glacier County Road Department Staff will spend summer months of 2020 and spring of 2021 collecting road and other infrastructure information with ArcGIS Collector.

Task 4.1.1: Glacier County Road Department staff will systematically travel Glacier County to collect information about roads and other infrastructure as identified in the needs assessment meeting (Task 1.1.1). For example, on roads, NG9-1-1 fields such as LFROM, LTO (and so on) will be attributed.

Goal 5: Document Metadata, QA/QC and Disseminate Data

Objective 5.1 Create metadata for all feature classes created through this project

Task 5.1.1: Consultant will write metadata pursuant to the adopted state standard for all feature classes.

Objective 5.2 Consultant will perform quality control check of transportation data to ensure that it meets the requirements for integration with the MSDI theme and NG9-1-1

Task 5.2.1: Consultant will run a topology check on the transportation data with the following topology rules and will fix errors as necessary:

- Roads must not overlap
- Roads must not intersect
- Roads must not have dangles (excepting therefrom true dangles)

Objective 5.3 Disseminate data to all interested parties

Task

5.3.1: Transportation data collected via this grant will be submitted to Glacier County's 9-1-1 Center for inclusion in their 9-1-1 mapping.

Task 5.3.2: Prior to June 30, 2021, a final set of records will be submitted to MSDI transportation theme lead Michael Fashway for inclusion in the MSDI transportation theme.

Task 5.3.3: Submit a final copy of all data collected via this grant to The Montana State Library.

Project Schedule and Timeline

Project Timeline:* MLIA_2021_GlacierCounty_Timeline.pdf

Proposed PLSS Collection

Is the proposed project for the sole purpose of collecting new survey control data?* No

Project Deliverables

Deliverable:	Deliverable Type:	Explanation:	Related Project Task:	Completion Date:
URL to Glacier County's Web Map	Application or Map Links	This deliverable is the URL to the web mapping application developed through this project and hosted on Glacier County's ArcGIS Online account.	2.1.4	07/24/2020
File Geodatabase	Spatial Data	This deliverable is a file geodatabase of all feature classes (road centerlines, culverts, signs, posts, bridges, and cattle guards) developed as part of this project.	4.1.1	06/11/2021
Quarterly reports	Quarterly Report	This deliverable is for all three quarterly reports (not including the final report, which is listed as a separate deliverable). Quarterly reports will include summary of the project, timeline, and budget.	1.1.3	03/31/2021
Final Report	Final Report	This deliverable is for the final report, which will include: <ul style="list-style-type: none"> Summary of project Financial report Description of methods for data creation/collection Data and its associated metadata Proof data has been published to the Montana GIS Data List Map depicting the project All negotiated project deliverables. 	1.1.3	06/30/2021
Metadata for all feature classes	Metadata	This deliverable is for the metadata for all feature classes developed as part of this project (road centerlines, culverts, signs, posts, bridges, and cattle guards).	5.1.1	06/18/2021

Budget Narrative

Budget Justification Narrative:*

Budget Narrative -- Applicant must clearly state the assumptions used to develop the proposed budget, including all sources of contracted and subcontracted cost estimates. If the applicant's share is to be considered in-kind funds, the source of those in-kind funds must be documented. Matching in-kind funds must be specific to the project and be fully justified. They may be monetary or in other forms such as staffing, infrastructure, or technology support. All funding sources listed in the subsequent budget forms must be fully explained. If grant funds are to be distributed to multiple funding recipients through contractual agreements or other means, those must be explained in the narrative.

Funding Partners and Required Statements of Support -- All funding partners, funding sources/recipients, must be identified. Statements of support are required for each identified funding partner. Any funds pledged to this proposal must be reflected in the statements of support. Statements of support must be provided in the Funding Partners form of the application.

Matching Funds -- Matching funds—either cash or in-kind—are not required by the MLIA Grant Program. However, matching funds from the applicant and any funding partners do demonstrate the applicant's commitment to the proposed project. Therefore, applicants proposing higher levels of matching funds will be scored more highly than applicants pledging little or no matching funds.

There is an 8,000-character limit for the budget narrative.

Glacier County expects to provide a substantial amount of in-kind contribution through the hourly wage of the employees who will be working on this project. Glacier County Road Department Supervisor John Evans will be involved with project management, monthly billing and budget tracking, quarterly and final reporting, the web map needs assessment and web map training. We estimate John's level of effort at 38 hours.

Glacier County Weed Coordinator Jim Racine will be involved with the web map needs assessment, acquiring and installing ArcGIS licenses and creating the ArcGIS Online account, acquiring the Trimble GPS R1 receiver and ruggedized field device, the training in ArcMap, ArcGIS Collector and the web map, and the actual data collection. We estimate Jim's level of effort at 252.5 hours.

Additionally, both Jim and John get fringe benefits such as health insurance, retirement, and paid time off in the form of sick leave or vacation time. We estimate the cost to the county for their vacation time at about 30%. Rates of pay for the detailed budget spreadsheet are calculated as follows:

- John's rate of pay is \$30.04/hour * 30% fringe benefits = \$39.05 / hour
- Jim's rate of pay is \$22.86/hour * 30% fringe benefits = \$29.72 / hour

Therefore, we have added \$2,074.53 in fringe benefits to the budget summary / Glacier County in-kind contributions, for a total of \$8,988.20 in-kind contribution coming from Glacier County for this project.

We are requesting MLIA funds to assist with the purchase of equipment, consultant support and travel in the amount of \$9,013.00. The specific breakdown of this amount is as follows:

- Equipment - Licenses for ArcGIS Pro Basic software (\$700), and ArcGIS Online Viewer (\$100), a Trimble GPS R1 receiver (\$2,000), and an iPad (\$300); totaling \$3100.00.
- Consultant Support - The selected consultant WGM Group has estimated 54 hours' time and material to provide their services for this project at an hourly rate of \$95.00/hour, totaling \$5,130. Additionally, the consultant will need one trip to travel between Glacier County and their office in Kalispell, MT which is included in the detailed budget under Task 3.2.1. Travel time is estimated at 5 hours (2.5 hours each way) at \$95.00/hour, which totals \$475.00; bringing the total for the contractual category to \$5605.00.
- Travel - Mileage costs to/from Glacier County under IRS rates are estimated to be \$105.00. Overnight accommodations and per diem for the two training days are estimated to be \$203.00. This brings the total to the travel category to \$308.00.

Budget Tables

Is the proposed project for a GIS Project Planning Grant? No

MLIA Grant Budget Summary Table (Required for All Applicants)

Please attach the completed "MLIA Grant Budget Summary" table as a PDF document in the field below.

MLIA Grant Budget Summary Table: MLIA_2021_GlacierCounty_BudgetSummary.pdf

MLIA Grant Detailed Budget (Required for All Applicants Except GIS Project Planning Grant Applicants)

Please attach an "MLIA Grant Detailed Budget" table as a PDF document.

MLIA Grant Detailed Budget: MLIA_2021_GlacierCounty_DetailedBudget.pdf

MLIA Funding Request Summary

Category	Requested MLIA Funds
Personnel (including fringe benefits)	\$0.00
Travel	\$308.00
Equipment	\$3,100.00
Supplies & Materials	\$0.00
Contractual	\$5,605.00
Other	\$0.00
Totals	\$9,013.00

Funding Partners

Name of Contact:	Name of Agency:	Street Address:	City:	County:	Zip Code:	Contact Email Address:	Contact Phone Number:	Funding Partner Pledged Cash Amount:	Funding Partner Pledged In-Kind Amount:	Statement of Support:

Project Sustainability

Project Sustainability Narrative:*

There is a 3,000-character limit for the sustainability narrative.

Glacier County is applying for this MLIA grant to develop their web mapping and field data collection capabilities. The sustainability of this project is important to Glacier County so that the infrastructure database can continue to be updated as changes occur. Therefore, Glacier County has opted to collect the data themselves (as opposed to having the consultant do it) so that they will be well versed in the use of the hardware and software, and how to use it for future years to continue to maintain all of the data layers developed as part of this project. Additionally, \$700.00 has been earmarked in Glacier County Road Department's budget for the renewal fees of ArcGIS Pro for FY2022 to ensure the success and sustainability of this project.

Renewable Grant Accountability

Fiscal Year 2020 MLIA Grant Cycle

Please indicate whether or not the applicant was awarded an MLIA grant for state fiscal year 2020. If the applicant did receive a grant for fiscal year 2020, please provide a written narrative of the grant project. After clicking "yes," you will see a text box appear in which you can enter the written narrative.

Did the applicant receive an MLIA grant in fiscal year 2020?* No

Fiscal Years 2016-2019 MLIA Grant Cycles

Please indicate whether or not the applicant was awarded any MLIA grants during state fiscal years 2016-2019. Please select "yes" for any of the following applicable years. After clicking "yes," you will see a text box appear in which you can enter a written narrative explaining the grant project. In the text box, please provide a written narrative for each grant awarded, outlining the successes and failures of the grant. Explain how tasks, timelines, and deliverables of the project were or were not met. Demonstrate how past project failures will ensure future successes.

Did the applicant receive an MLIA grant in fiscal year 2019?* No

Did the applicant receive an MLIA grant in fiscal year 2018?* No

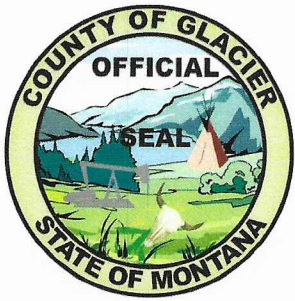
Did the applicant receive an MLIA grant in fiscal year 2017?* No

Did the applicant receive an MLIA grant in fiscal year 2016?* Yes

FY2016 MLIA Grant Summary:

There is a 2,500-character limit for the narrative.

In 2016, Glacier County was awarded an MLIA Grant for a similar project, however, no funds were ever collected because the project was never started. The primary applicant for the 2016 grant was Glenda Hall, former Glacier County Clerk & Recorder. Unfortunately, Glacier County was in civil suit against Hall and they were still sorting through matters when the 2016 grant cycle began. Hall is no longer employed by Glacier County. Additionally, there has been turnover in the road & weed department staff since the 2016 grant was awarded. Bill Bandel was the former County Road/Weed Supervisor identified as key personnel in the 2016 grant application and he is no longer employed with Glacier County. John Evans (Road Supervisor) and Jimmy Racine (Weed Coordinator) have stepped in as managers after the 2016 fiscal year. John and Jimmy are eager to complete this 2021 project to get Glacier County on sound path forward under their new management with this sophisticated tool for managing infrastructure and improving emergency response.



GLACIER COUNTY COMMISSIONERS

512 E. Main
Cut Bank, Mt 59427

Phone (406) 873-5063 • Fax (406) 873-3613

Michael J. DesRosier
Chairman
Ext. 3603

Tom McKay
Vice Chairman
Ext. 3602

John Overcast
Member
Ext. 3601

Recording Desk
Ext. 3606

February 13, 2020

Erin Fashoway
State GIS Coordinator
Montana State Library
P.O. Box 201800
Helena, MT 59620-1800

Dear Ms. Fashoway,

This letter serves as my authorization of the FY2021 MLIA grant application submitted by John Evans on behalf of Glacier County. I have read the application in its entirety, and I certify that the information and all statements in the application are true, complete, and accurate to the best of my knowledge. I further certify that the proposed project, should it be approved for MLIA funding, will comply with all applicable state, local, and federal laws, regulations, and standards.

The Glacier County Road Department authorizes the Montana State Library to publish the contents of this application and to use the contents of this application for training, promotional, or other purposes.

Finally, I certify that I (Michael DesRosier) am authorized to enter into a binding agreement with the Montana State Library to obtain a grant if this application receives approval.

Sincerely,

Michael DesRosier
Glacier County Commission Chairman

cc: Glacier County Commissioners
Glacier County Road/Weed
Glacier County CFO

Company Name

GLACIER COUNTY ROAD DEPT.

INVOICE

2705 VALIER ROAD
 CUT BANK, MT 59427
 Phone: 406-873-4362 Fax: 406-873-5064

INVOICE # 100
 DATE: 01/28/2020

TO:

Recipient Name
 Company Name
 Street Address
 City, ST ZIP Code
 Phone: Phone

SALESPERSON	P.O. NUMBER	REQUISITIONER	SHIPPED VIA	F.O.B. POINT	TERMS
					Due on receipt

Tasks	Category Type	Hours	Rate	Cost
Task 1.1.1 - Project management	Contractual	3	\$ 95.00	\$ 285.00
Task 1.1.2 - Monthly billing and budget tracking	Contractual	3	\$ 95.00	\$ 285.00
Task 2.1.1 - Webmap needs assessment	Contractual	2	\$ 95.00	\$ 190.00
Task 2.1.2 - Acquire & install ArcGIS licenses	Equipment	1	\$ 2,850.00	\$ 2,850.00
Task 2.1.2 - Acquire & install ArcGIS licenses	Contractual	1.5	\$ 95.00	\$ 142.50
Task 2.1.3 - Create ArcGIS Online account	Contractual	0.5	\$ 95.00	\$ 47.50
Task 2.1.4 - Create webmap(s)	Contractual	12	\$ 95.00	\$ 1,140.00
Task 3.1.1 - Acquire Trimble GPS R1 receiver	Equipment	1	\$ 2,000.00	\$ 2,000.00
Task 3.1.2 - Acquire ruggedized field device	Equipment	1	\$ 300.00	\$ 300.00
Task 3.2.1 - ArcGIS Collector training	Contractual	20	\$ 95.00	\$ 1,900.00
Task 3.2.1 - ArcGIS Collector training	Travel	1	\$ 783.00	\$ 783.00
Task 3.2.2 - Webmap training	Contractual	2	\$ 95.00	\$ 190.00
Task 5.1.1 - Create metadata for feature classes	Contractual	2	\$ 95.00	\$ 190.00
Task 5.3.1 - Submit to MSDI	Contractual	1	\$ 95.00	\$ 95.00
Task 5.2.1 - Submit to MSL	Contractual	1	\$ 95.00	\$ 95.00

SUBTOTAL	
SALES TAX	
SHIPPING & HANDLING	
TOTAL DUE	

Make all checks payable to GLACIER COUNTY ROAD DEPT.
 If you have any questions concerning this invoice, contact John Evans, Superintendent, 406-450-2220.

THANK YOU FOR YOUR BUSINESS!

MLIA GRANT BUDGET SUMMARY

Category	MLIA Summary	Applicant Summary			Total:
	MLIA Share	Glacier County Cash	Glacier County In-Kind	Glacier County Subtotal	
a. Personnel			\$6,913.67	\$6,913.67	\$6,913.67
a.1. Fringe Benefits			\$2,074.53	\$2,074.53	\$2,074.53
b. Travel	\$308.00			\$0.00	\$308.00
c. Equipment	\$3,100.00			\$0.00	\$3,100.00
d. Supplies	\$0.00			\$0.00	\$0.00
e. Contractual	\$5,605.00			\$0.00	\$5,605.00
f. Other	\$0.00			\$0.00	\$0.00
Total:	\$9,013.00	\$0.00	\$8,988.20	\$8,988.20	\$18,001.20

MLIA GRANT DETAILED BUDGET

Tasks	Category Type	Funding Source	Hours	Rate	Cost
Task 1.1.1 - Project management	Personnel (incl. fringe benefits)	Glacier County In-Kind	6	\$ 39.05	\$ 234.30
Task 1.1.1 - Project management	Contractual	MLIA Grant Funds	3	\$ 95.00	\$ 285.00
Task 1.1.2 - Monthly billing and budget tracking	Personnel (incl. fringe benefits)	Glacier County In-Kind	6	\$ 39.05	\$ 234.30
Task 1.1.2 - Monthly billing and budget tracking	Contractual	MLIA Grant Funds	3	\$ 95.00	\$ 285.00
Task 1.1.3 - Quarterly and final reports	Personnel (incl. fringe benefits)	Glacier County In-Kind	2	\$ 39.05	\$ 78.10
Task 2.1.1 - Webmap needs assessment	Personnel (incl. fringe benefits)	Glacier County In-Kind	2	\$ 29.72	\$ 59.44
Task 2.1.1 - Webmap needs assessment	Personnel (incl. fringe benefits)	Glacier County In-Kind	2	\$ 39.05	\$ 78.10
Task 2.1.1 - Webmap needs assessment	Contractual	MLIA Grant Funds	2	\$ 95.00	\$ 190.00
Task 2.1.2 - Acquire & install ArcGIS licenses	Personnel (incl. fringe benefits)	Glacier County In-Kind	1.5	\$ 29.72	\$ 44.58
Task 2.1.2 - Acquire & install ArcGIS licenses	Equipment	MLIA Grant Funds	1	\$ 800.00	\$ 800.00
Task 2.1.2 - Acquire & install ArcGIS licenses	Contractual	MLIA Grant Funds	1.5	\$ 95.00	\$ 142.50
Task 2.1.3 - Create ArcGIS Online account	Personnel (incl. fringe benefits)	Glacier County In-Kind	0.5	\$ 29.72	\$ 14.86
Task 2.1.3 - Create ArcGIS Online account	Contractual	MLIA Grant Funds	0.5	\$ 95.00	\$ 47.50
Task 2.1.4 - Create webmap(s)	Contractual	MLIA Grant Funds	12	\$ 95.00	\$ 1,140.00
Task 3.1.1 - Acquire Trimble GPS R1 receiver	Personnel (incl. fringe benefits)	Glacier County In-Kind	2	\$ 29.72	\$ 59.44
Task 3.1.1 - Acquire Trimble GPS R1 receiver	Equipment	MLIA Grant Funds	1	\$ 2,000.00	\$ 2,000.00
Task 3.1.2 - Acquire ruggedized field device	Personnel (incl. fringe benefits)	Glacier County In-Kind	0.5	\$ 29.72	\$ 14.86
Task 3.1.2 - Acquire ruggedized field device	Equipment	MLIA Grant Funds	1	\$ 300.00	\$ 300.00
Task 3.2.1 - ArcGIS Collector training	Personnel (incl. fringe benefits)	Glacier County In-Kind	15	\$ 29.72	\$ 445.80
Task 3.2.1 - ArcGIS Collector training	Personnel (incl. fringe benefits)	Glacier County In-Kind	15	\$ 39.05	\$ 585.75
Task 3.2.1 - ArcGIS Collector training	Contractual	MLIA Grant Funds	20	\$ 95.00	\$ 1,900.00
Task 3.2.1 - ArcGIS Collector training	Travel	MLIA Grant Funds	1	\$ 308.00	\$ 308.00
Task 3.2.2 - Webmap training	Personnel (incl. fringe benefits)	Glacier County In-Kind	1	\$ 39.05	\$ 39.05
Task 3.2.2 - Webmap training	Personnel (incl. fringe benefits)	Glacier County In-Kind	1	\$ 29.72	\$ 29.72
Task 3.2.2 - Webmap training	Contractual	MLIA Grant Funds	2	\$ 95.00	\$ 190.00
Task 3.2.3 - ArcGIS Pro training	Personnel (incl. fringe benefits)	Glacier County In-Kind	5	\$ 39.05	\$ 195.25
Task 3.2.3 - ArcGIS Pro training	Personnel (incl. fringe benefits)	Glacier County In-Kind	5	\$ 29.72	\$ 148.60

Task 3.2.3 - ArcGIS Pro training	Contractual	MLIA Grant Funds	5	\$ 95.00	\$ 475.00
Task 4.1.1 - Collect data: roads & infrastructure	Personnel (incl. fringe benefits)	Glacier County In-Kind	225	\$ 29.72	\$ 6,687.00
Task 5.1.1 - Create metadata for feature classes	Contractual	MLIA Grant Funds	2	\$ 95.00	\$ 190.00
Task 5.2.1 - Topology QA/QC	Contractual	MLIA Grant Funds	6	\$ 95.00	\$ 570.00
Task 5.3.1 - Submit to Glacier County 9-1-1 Center	Personnel (incl. fringe benefits)	Glacier County In-Kind	1	\$ 39.05	\$ 39.05
Task 5.3.2 - Submit to MSDI	Contractual	MLIA Grant Funds	1	\$ 95.00	\$ 95.00
Task 5.3.3 - Submit to MSL	Contractual	MLIA Grant Funds	1	\$ 95.00	\$ 95.00
		Totals:		 	\$ 18,001.20

Instructions:

- 1 All applicants must complete and submit one MLIA Detailed Budget table.
- 2 Complete an entry for each defined project task or objective.
- 3 If a task is funded by more than one source, it will be necessary to make multiple entries (see example).
- 4 Be consistent in using the required formatting.
- 5 Check that the amounts entered are consistent throughout all grant application materials, e.g., Detailed Budget Table & Budget Narrative.
- 6 Software should be classified as Equipment.
- 7 Check the math.
- 8 Remove all examples before submitting.
- 9 Check the math.
- 10 Export the table only as a PDF and upload it into WebGrants Budget Tables Section.

