



Cadastral / PLSS Point Collection FY 2023

Prepared by Stillwater County
for Montana State Library MLIA Grant Program FY 2023

Submitted by Adrian Wiltshire

Submitted on 02/28/2022 10:25 AM Mountain Standard Time

Opportunity Details

Opportunity Information

Title

MLIA Grant Program FY2023

Description

In accordance with the Montana Land Information Act (MLIA), the Montana State Library administers an annual grant program to distribute accumulated funds from the Montana Land Information Account, established by MLIA. Grant applications are evaluated by the State Library and its advisory council, the Montana Land Information Advisory Council, and follow the MLIA Grant Subcommittee Code of Ethics. Grant criteria are established based on the original intent of the MLIA and the goals and objectives of the annual Montana Land Information Plan. Please direct all grant program questions to MLIAGrants@mt.gov.

Please use the companion MLIA Grant Program Application Guidelines for more program information and instructions:
<https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf>

The MLIA Grant Program will be offering two training programs for MLIA grant applicants. One training will be held on January 25, 2022, at 1:30 p.m. to provide instruction on completing and submitting an application using the AmpliFund system. A second training will be held on January 28, 2022, at 9:00 a.m. to provide instruction on the nuts and bolts of writing a grant proposal. Registration is required for both training sessions. More details and registration information can be found at the following link:
<https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantTrainingFlyer2022.pdf>

Prospective applicants are also encouraged to contact MLIA Grant Program staff for assistance with the grant application. Staff are available for one-on-one meetings with applicants to answer questions and provide guidance on completing the MLIA Grant Application. Please contact mliagrants@mt.gov for assistance.

Awarding Agency Name

Montana State Library

Agency Contact Name

Erin Fashoway

Public Link

<https://mt.amplifund.com/Public/Opportunities/Details/123802e0-eb1a-49ba-aef4-1804047fe225>

Is Published

Yes

Funding Information

Total Program Funding

\$250,000.00

Funding Sources

State

Award Information

Award Period

07/01/2022 - 06/30/2023

Award Announcement Date

5/16/2022

Award Type

Competitive

Capital Grant

No

Indirect Costs Allowed

No

Matching Requirement

Yes

Submission Information

Submission Window

01/13/2022 4:30 PM - 02/15/2022 5:00 PM

Submission Timeline Type

One Time

Submission Timeline Additional Information

<https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf>

Allow Multiple Applications

Yes

Technical Assistance Session

Technical Assistance Session

Yes

Session Date and Time

01/25/2022 1:30 PM

Conference Info / Registration Link

<https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantTrainingFlyer2022.pdf>

Eligibility Information

Eligibility Type

Public

Eligible Applicants

Additional Eligibility Information

<https://geoinfo.msl.mt.gov/mliagrant>

Applicants must represent one of the following forms of government within Montana:

Any department, agency, board, commission, or other division of state government. (This includes the Montana University System.)

Any city, county, or other division of local government.

A tribal government/entity within the state.

Additional Information

Additional Information URL

<https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantTrainingFlyer2022.pdf>

Additional Information URL Description

The MLIA Grant Program will be offering two training programs for MLIA grant applicants. One training will be held on January 25, 2022, at 1:30 p.m. to provide instruction on completing and submitting an application using the AmpliFund system. A second training will be held on January 28, 2022, at 9:00 a.m. to provide instruction on the nuts and bolts of writing a grant proposal. Registration is required for both training sessions. More details and registration information can be found at the link above.

Prospective applicants are also encouraged to contact MLIA Grant Program staff for assistance with the grant application. Staff are available for one-on-one meetings with applicants to answer questions and provide guidance on completing the MLIA Grant Application. Please contact mliagrants@mt.gov for assistance.



Project Information

Application Information

Application Name
Cadastral / PLSS Point Collection FY 2023

Award Requested
\$20,000.00

Cash Match Requirement
\$0.00

Cash Match Contributions
\$3,750.00

In-Kind Match Requirement
\$0.00

In-Kind Match Contributions
\$0.00

Total Award Budget
\$23,750.00

Primary Contact Information

Name
Adrian Wiltshire

Email Address
Bwiltshire@stillwatercountymt.gov

Address
431 Quarry St
Columbus, MT 59019

Phone Number
406-322-8054

Project Description

Part 01: Proposal Information

Proposal Information

Please see the [MLIA Grant Program and Application Guidelines](https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf) for more information about the MLIA Grant - <https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf>.

The applicant must identify one MLIA FY2023 Grant Priority that the proposed project will address. To read about all MLIA Grant Priorities, please read the [FY2023 MLIA Land Information Plan](#).

Identify Grant Priority

Montana Spatial Data Infrastructure Improvement to Cadastral and Administrative Boundaries Themes

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

- Yes
 No

Total Number of Proposed Project Years

4

Current Year of the Project (eg. 1 of 4)

2 of 4

Executive Summary

Montana's cadastral framework layer was originally based on the Bureau of Land Management's (BLM) Geographic Coordinate Database (GCDB). This database is known to be spatially inaccurate in many areas of Stillwater County due to Stillwater County growing and changing over two decades.

These inaccuracies are especially problematic when more spatially accurate data is overlaid on the cadastral framework, resulting in mistrust and/or misuse of the data.

The proposed solution to this problem is to acquire better survey control using Global Navigation Satellite System (GNSS) technology and to contribute this enhanced control to the Geodetic Control Framework to improve the accuracy of the Public Land Survey System (PLSS) in Stillwater County. Enhancing the PLSS, through control surveys and in support of geodetic controls, allows for adjustment of cadastral and administrative boundaries to more accurately represent on-the-ground conditions.

These adjustments affect several key stakeholders and will improve spatial data used by both the public and local governments. Put simply—as mapping control data is collected by a licensed surveyor, reviewed by Stillwater County GIS, and submitted to the MSDI theme stewards—the proposed project will improve the Montana Spatial Data Infrastructure (MSDI) and Public Land Survey System (PLSS) standardized data for the Cadastral National Spatial Data Infrastructure (PLSSCadNSDI) to increase spatial accuracy for the area in and around Park City, Rapelje, Absarokee, and Molt.

UPDATE:

Our surveyor is currently working gathering point data in Rapelje MT to update the PLSS System in Stillwater County. We are utilizing the MLIA 2021 Award we received completed the necessary Updates in Rapelje.

Rapelje point collection and update is estimated to be completed by end of 2022.

After speaking with PLSS State representatives we have decide to make this a multi year project which will focus on a different location in Stillwater County each year.

Part 02: Funding Partners & Statements of Support

Funding Partners

All funding partners must be identified. Statements of support are required for each identified funding partner. Please attached a statement of support for each identified partner in .pdf version. Any funds pledged to this proposal must be reflected in the statements of support. See MLIA Grant Compliance – MLIA Grant Funding Partners section for the definition of a funding partner in the [FY2023 MLIA Grant Program and Application Guidelines](#).

Please follow the instructions below to report information about all applicable funding partners and to attach letters of support. If there are no funding partners on this project, please select "Mark as Complete" and move on to the next form.

Do you have a Funding Partner?

- Yes
- No

PLEASE MARK THIS FORM AS COMPLETE TO MOVE ON

Part 03: Relevance

Relevance to the FY2023 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 [FY2023 Montana Land Information Plan Priority](#).
3. *EXCEPTION: This section is not required for applicants submitting proposals for the sole purpose of collecting new survey control data.*

Relevance

Is the proposed project for the sole purpose of collecting new survey control data

- Yes
 No

SCORING: RELEVANCE - 100 TOTAL POINTS

Meets Purpose of MLIA (Reviewer Only)

EXCEPTION: This section is not required for applicants with the sole purpose of collecting new survey control data. Assign full credit in this category for those applications.

The applicant clearly states how the proposal will meet the purpose of the Montana Land Information Act: to develop standardized, sustainable methods to collect, maintain, or disseminate information in digital formats about the natural and artificial land characteristics of Montana (0-50 Points)

(Reviewer Only)

Meets Purpose of MLIA (0-50 Points) (Reviewer Only)

Meets Land Information Plan Defined Grant Priority (Reviewer Only)

The applicant describes how the proposal will meet one of the defined grant priorities of the FY2022 Land Information Plan. The applicant provides specific examples that clearly explain how the project addresses specific goals and objectives in the Land Plan. If the proposed grant applies to an MSDI theme, the applicant demonstrates a knowledge and understanding of that theme. (0-50 points)

(Reviewer Only)

Meets Land Information Plan Defined Grant Priority (0-50 Points) (Reviewer Only)

Part 04: Public Benefit

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

1. Benefit one or more specific [MSDI themes](#), including any theme-specific priorities as identified in the [FY2023 Land Information Plan](#);
2. Enhance the land information needs of multiple business workflows/initiatives, agencies, and/or jurisdictions; and
3. Benefit the citizens of Montana
4. *Exception: This section is not required for GIS Project Planning applicants or applicants with the sole purpose of collecting new survey control data.*

Is the proposed project for GIS Project Planning applicants or applicants with the sole purpose of collecting new survey control data?

- Yes
 No

SCORING: PUBLIC BENEFIT - 100 TOTAL POINTS

(Reviewer Only)

EXCEPTION: This section is not required for applicants with the sole purpose of collecting new survey control data or proposing a GIS project planning grant. Assign full credit in this category for those applications.

(Reviewer Only)

(Reviewer Only)

The applicant's proposal demonstrates how the proposal will benefit one or more specific MSDI themes, including any theme-specific priorities identified in the FY2023 Land Information Plan; enhance the land information needs of multiple business workflows/initiatives, agencies, and/or jurisdictions; and benefit the citizens of Montana. (0-100 points)

1. *The proposal clearly describes how it will benefit one or more specific MSDI themes, including any theme-specific priorities identified in the FY2023 Land Information Plan;*
2. *The proposed project describes how it will enhance the land information needs of multiple business workflows/initiatives, agencies, and/or jurisdictions; for example, a county project benefits public works, the sheriff's office, and planning department. The proposed project describes how it will benefit multiple cross-jurisdictional agencies. For example, a county project may also benefit the Forest Service, BLM, and a tribal government entity;*
3. *The proposed project demonstrates public benefit to the citizens of Montana.*

(Reviewer Only)

Public Benefit (0-100 Points) (Reviewer Only)

Part 05: Project Management

Primary Project Manager Contact Information

Salutation

Mr.

Primary Project Manager Name

Adrian Wiltshire

Primary Project Manager Title

GIS Coordinator

Primary Project Manager Organization

Stillwater County

Primary Project Manager Email Address

Bwiltshire@stillwatercountymt.gov

Primary Project Manager Phone Number

4063228054

Secondary Project Manager

Salutation

Mrs.

Secondary Project Manager Name

Stephanie Ray

Secondary Project Manager Title

Economic Development / Community Planning Director

Secondary Project Manager Organization

Stillwater County

Secondary Project Manager Email Address

Sray@stillwatercountymt.gov

Secondary Project Manager Phone Number

4063228056

Organizational Capability

In this section, please demonstrate the organization's past record of performance with similar projects; the ability to implement the methodology described in the scope of work; and the organization's capability to support and sustain the project.

Organizational Capability

Stephanie Ray, will oversee the grant management. She has over 30 years of experience in grant writing, grant management, and project management and has managed over \$30M dollars worth of grants in her career.

SCORING: ORGANIZATIONAL CAPABILITY (0-25 Points) (Reviewer Only)

ORGANIZATIONAL CAPABILITY

The applicant demonstrates the organization's past record of performance with similar projects; the ability to implement the methodology described in the scope work; and the organization's capability to support and sustain the project.

(Reviewer Only)

Organizational Capability (0-25 Points) (Reviewer Only)

Project Management

In this section, the applicant must demonstrate the defined project managers', key personnel's, and funding partners' adequate skills, qualifications, and experience for the defined project. And the following, if applicable, must be demonstrated.

1. **Management Plan** – The applicant must demonstrate how the defined project manager—not the hired consultant—will manage the entire project, including meeting the mandatory reporting requirements, communicating with the State Library, fulfilling data requirements, and managing all hired consultants.
2. **Financial Management** – Applicant provides a contact and a copy of the official invoice document for their respective organization in a .pdf format. (uploaded below)
3. **Past Record of Performance** – The applicant must demonstrate the defined project managers' GIS project management experience, grant management experience, and (if applicable) consultant management experience. The applicant must provide concrete examples of each and explain how the experience gained in those projects relates to the current proposal.
4. **Hiring a Consultant (if applicable)** – The applicant must describe the plans to hire a consultant and the procurement process for acquiring these professional services.

Project Management

Once Grant funds have been approved, Stillwater County will hire George Bornemann as the survey consultant to complete the new parcel survey. George has completed similar work in Park County and across the state and is familiar with Stillwater County as he is currently the examining land surveyor for the County. George's experience and expertise will provide maximum project efficiency and quality control. Brendan Wiltshire will maintain contact via email and phone from the start of the survey until its completion with the survey consultant.

Once the survey has been completed, we will have the data sent over to the state for review and implementation.

SCORING: PROJECT MANAGEMENT (0-75 Points) (Reviewer Only)

Project Management:

- a. *The applicant must demonstrate adequate skills, qualifications, and experience for the defined project managers, key personnel, and funding partners.*
- b. *Financial Management - Applicant provides a contact and a copy of the official invoice document for their respective organization in a .pdf format.*
- c. *Management Plan – The applicant demonstrates how the defined project manager—not the hired consultant—will manage the entire project, including meeting the mandatory reporting requirements, communicating with the State Library, fulfilling data requirements, and managing all hired consultants.*
- d. *Past Record of Performance – The applicant must demonstrate the defined project managers' GIS project, grant, and, if applicable, consultant management experience. The applicant must provide concrete examples of each and explain how the experience gained in those projects relates to the current proposal.*
- e. *Hiring a Consultant – If applicable, the applicant must describe the plans to hire a consultant and procurement process for acquiring professional services. If a consultant has been hired, applicant must identify the consultant, define the amount of time, identify key personnel, and the consultant's procured services and work completed relevant to the proposal.*

(Reviewer Only)

Project Management (0-75 Points) (Reviewer Only)

Identified Consultant Information

If the applicant plans has hired and is under contract with a consultant who will perform work on the project, please select "yes" and complete the fields that appear below.

Has the applicant hired a consultant to perform work on the proposed project?

- Yes
- No

Name of consultant company/organization

Cushing Terrell

If a consultant has been hired, applicant must identify and define the amount of time, identify key personnel, and the consultant's procured services and work completed relevant to the proposal

Cushing Terrell is currently under contract with the county as the examining land surveyor and preferred consultant for surveying services in the county. This project will be an additional task order to the existing contract. Stillwater County has consulted with George regarding this grant to ensure that the project scope and proposal will provide the County with the desired information at the end of the project.

Invoicing Methodology

In order for the Montana State Library to distribute awarded grant funds for incurred authorized project costs, the MLIA Grant Award Recipient must invoice the Montana State Library for reimbursement. The applicant must provide a sample, in PDF format, of the applicant's official invoice document.

Please attach sample invoicing documents

Sample invoice Document

APPLICANT'S FINANCIAL CONTACT



Salutation

Mrs.

Financial Contact Name

Theresa Comfort

Financial Contact Title

Finance Director

Financial Contact Organization

Stillwater County

Financial Contact Email Address

tcomfort@stillwatercountymt.gov

Financial Contact Phone Number

406-322-8037

Part 06: Project Sustainability

Project Sustainability

Sustainability is one of the key pillars of the Montana Land Information Act's purpose. In this section, the applicant must demonstrate future project sustainability and include a plan for long-term funding and future enhancements. Please explain how the project will be maintained in the long term, including staffing and funding plans and reducing dependencies on MLIA funding. If the grant proposal has identified improving an existing MSDI data layer, please explain how the applicant will coordinate with the Montana State Library to ensure the information will be made available. Explain any projected future enhancements that may require additional third-party funding.

Project Sustainability Narrative

Stillwater County has hired a GIS professional that has the skillset and ability to utilize and enhance the County's GIS services into the future. The County is committed to investing in the required training and software to assist with the NENA 911 model implementation and design, as well as GIS software to supplement all activities supported by the County's GIS Department. The County also has a GIS fund dedicated to professional services, equipment, and capital outlay.

SCORING: PROJECT SUSTAINABILITY - 100 TOTAL POINTS

(Reviewer Only)

The applicant must demonstrate future project sustainability. (0 – 100 points)

- a. This must include future enhancements and a plan for long-term staffing for the continued maintenance of the deliverables created with MLIA grant funds.*
- b. The application must explain funding plans and plans for reducing dependencies on MLIA funding.*
- c. If the grant proposal has identified improving an MSDI data layer, the proposal should explain how the applicant will coordinate with the Montana State Library to ensure the integration into the statewide framework layers.*

(Reviewer Only)

Project Sustainability (0-100 Points) (Reviewer Only)

Part 07: Grant Accountability

Renewable Grant Accountability

The applicant must identify all awarded MLIA Grants to their organization. All MLIA grants awarded to the applicant's governmental entity/agency must be accounted for. State government applicants must only report for their respective agency. Performance on previously awarded MLIA grant projects will be taken into consideration in the final prioritization. Please consult the following resources to research previously awarded grants:

– For a detailed listing of the previously awarded MLIA Grants - https://geoinfo.msl.mt.gov/Awarded_MLIA_Grants

Did the applicant receive an MLIA grant in fiscal year 2022?

- Yes
- No

Applicants awarded an FY2022 MLIA Grant must report on the progress made toward meeting the requirements of the grant. The report must include the status of the project timeline, tasks, and deliverables.

FY 2022 MLIA Grant Project Title

MLIA FY2022 Off-Cycle Grant Program

FY 2022 MLIA Grant Progress Report

Our surveyor is gathering information to begin collecting points.

Fiscal Years 2018-2021 MLIA Grant Cycles

Please indicate whether or not the applicant was awarded any MLIA grants during state fiscal years 2018-2021. 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 2021?

- Yes
- No

Did the applicant receive an MLIA grant in fiscal year 2020

- Yes
- No

Did the applicant receive an MLIA grant in fiscal year 2019?

- Yes
- No

Did the applicant receive an MLIA grant in fiscal year 2018?

- Yes
- No

Part 08: Project Scope of Work, Budget Justification, and Application Authorization

This section of the application must be used to attach application forms completed outside of the AmpliFund system. Required templates may be downloaded in each subsection below.

Project Scope of Work and Budget Justification

Please complete the Scope of Work and Budget Justification template provided below and upload your completed document as a Microsoft Word document.

Link to template:

https://docs.msl.mt.gov/MLIAC/FY2023/MLIA_FY2023_ApplicationForms.zip

Please upload your completed Scope of Work and Budget Justification here as a Microsoft Word document.

MLIA_SOW_BUDGET_FY2023 (1)

Detailed Budget Table

Please complete the Detailed Budget Table template provided below and upload your completed table as both an Excel spreadsheet and as a PDF document.

Link to template:

https://docs.msl.mt.gov/MLIAC/FY2023/MLIA_FY2023_ApplicationForms.zip

Please upload an Excel version of your completed Detailed Budget Table here.

MLIA_FY2023_DetailedBudgetTable

Please upload a PDF version of your completed Detailed Budget Table here.

MLIA_FY2023_DetailedBudgetTable

Additional Information for PLSS Grants

MLIA Proposed Survey Control Point Collection Form - https://docs.msl.mt.gov/MLIAC/FY2023/PLSSForm_MLIA_FY2023.zip

Applicants proposing projects for the sole purpose of collecting new survey control data must include a completed MLIA Proposed Survey Control Point Collection form. Please indicate whether or not the proposed project is a PLSS/survey control project. If it is, please attach the required form. After selecting "yes," you will see a field appear where you can upload the form, as well as additional questions related to PLSS grants.

Is the proposed project a PLSS/survey control project?

- Yes
- No

Please upload a completed MLIA Proposed Survey Control Point Collection form

Stillwater_PLSSForm_MLIA_FY2023_Revised_11_03_21

The Montana State Library has identified priority areas for PLSS collection. Please click on the link below to see the identified areas. Does the proposed project fall within these areas?

- Yes
- No

Map of identified priority areas:

<https://montana.maps.arcgis.com/home/webmap/viewer.html?webmap=e1b995fbb05044aa8f01df5d114e7bb4&extent=-117.6303,44.3276,-105.5014,48.9981>

Additional Documents (optional)

Please provide any additional uploads such as maps or other forms that provide information about the project.

Authorization Statement

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 we are committed to funding our share of the project, including both pledged applicant cash and pledged applicant in-kind, as stated in the proposed project budget. 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.

I authorize 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 am (by my signature) authorized to enter into a binding agreement with the Montana State Library to obtain a grant if this application receives approval.

Please read the above statement and accept the following terms:

- Acknowledgment that I have read and accept the Terms and Conditions contained in this online application
- Acknowledgment that the applicant understands that the MLIA grant program is funded using State funds and does not involve any federal funding.
- Acknowledgment that the applicant has read the FY 2023 Montana Land Information Plan.
- Acknowledgment that the applicant understands that the purchasing of supplies or acquisition of contractual services may be subject to local or state procurement laws, and the applicant agrees to comply with any applicable laws, rules, and regulations governing the procurement of supplies or contractual services for their grant project.

Please type First and Last Name

Adrian Wiltshire

Date Signed

2/8/2022

SCORING: SCOPE OF WORK - 100 TOTAL POINTS

Please review the attached Scope of Work document, then come back and complete the following scoring: (Reviewer Only)

Goals and Objectives (0-30 Points) (Reviewer Only)

Tasks or Activities (0-30 Points) (Reviewer Only)

Project Scheduling (0-40 Points) (Reviewer Only)

SCORING: BUDGET JUSTIFICATION & BUDGET TABLES - 100 POINTS TOTAL

Please review the Budget Section, the Detailed Budget Spreadsheet, and the attached Budget Justification Narrative, then come back and complete the following scoring: (Reviewer Only)

Budget Narrative (0-45 Points) (Reviewer Only)

Budget Tables (0-45 Points) (Reviewer Only)

Matching Funds (0-10 Points) (Reviewer Only)

Budget

Proposed Budget Summary

Expense Budget

	Grant Funded	Non-Grant Funded	Total Budgeted
Personnel			
QA/QC	\$0.00	\$3,750.00	\$3,750.00
Subtotal	\$0.00	\$3,750.00	\$3,750.00
Contractual			
Terrel Cushing	\$20,000.00	\$0.00	\$20,000.00
Subtotal	\$20,000.00	\$0.00	\$20,000.00
Total Proposed Cost	\$20,000.00	\$3,750.00	\$23,750.00

Revenue Budget

	Grant Funded	Non-Grant Funded	Total Budgeted
Grant Funding			
Award Requested	\$20,000.00		\$20,000.00
Subtotal	\$20,000.00		\$20,000.00
Non-Grant Funding			
Cash Match		\$3,750.00	\$3,750.00
In-Kind Match		\$0.00	\$0.00
Subtotal		\$3,750.00	\$3,750.00
Total Proposed Revenue	\$20,000.00	\$3,750.00	\$23,750.00

Proposed Budget Detail

See attached spreadsheet.

Proposed Budget Narrative

Personnel

Eligible Project Costs: Enter the total amount in the "Direct Cost" field (Direct Cost = Grant Funded + Cash Match + In-Kind Match). Change "Non-Grant Funded" to "Yes". Enter in your Match Dollar Amount. The "Grant Funded" is your requested MLIA funds. See the Guidelines for more information.

QA/QC

GIS Anylst will Conduct review QA/QC of data.

Contractual

Eligible Project Costs: Enter the total amount in the "Direct Cost" field (Direct Cost = Grant Funded + Cash Match + In-Kind Match). Change "Non-Grant Funded" to "Yes". Enter in your Match Dollar Amount. The "Grant Funded" is your requested MLIA funds. See the Guidelines for more information.

Terrel Cushing

Hire Consultant to Collect Survey Points

Performance Plan

Proposed Performance Plan

Project Deliverables

Goal Name	Goal Type	Goal Details
Percent Accuracy Goal	Percentage Change	Desired Percentage 98.00 % Current Percentage 60.00 %
Start Survey	Milestone	Due Date 07/10/2022
Survey Completion	Milestone	Due Date 12/20/2022
Survey Report Delivery	Milestone	Due Date 05/01/2023
Parcel Layer Updated	Milestone	Due Date 06/03/2023

Proposed Performance Narrative

Project Deliverables

Please clearly explain each deliverable resulting from the proposed project. To add a new deliverable, click on the "Add Goal" link. Each new item added is considered a "goal" in the AmpliFund system, so it is important that each deliverable is labeled carefully. In your description of each deliverable, please explain the specific project task(s) related to the deliverable and include a completion date for the deliverable. The Montana State Library must approve all deliverables prior to releasing final grant reimbursement. Therefore, the project proposal must reflect that all final deliverables be completed no less than 10 business days before June 30, 2023. The Montana State Library considers any product of the project (e.g., code, database, training materials, maps, photos, video, etc.) to be a project deliverable. All deliverables must be provided to the State Library as evidence of project completion and must be made publicly available. Please note that a detailed Scope of Work must be uploaded in the Project Scope of Work, Budget Justification, and Application Authorization section of this application.

Percent Accuracy Goal

This is the Desired PLSS Accuracy change we were shooting for.

Start Survey

Start the collection of survey points to adjust the PLSS.

Survey Completion

Completion of survey points collection.

Survey Report Delivery

Data Report Delivered to PLSS Team for Review.

Parcel Layer Updated

Newly Collected Survey Points Implemented and reflected on the Montana State PLSS Layer.

FY2023 MLIA Grant Application

MLIA Grant Program FY 2023

This project will acquire better survey control using Global Navigation Satellite System (GNSS) technology and contribute this enhanced control to the Geodetic Control Framework to improve the accuracy of the Public Land Survey System (PLSS) in Stillwater County. Enhancing the PLSS, through control surveys and in support of geodetic controls, allows for adjustment of cadastral and administrative boundaries to more accurately represent on-the-ground conditions. These adjustments affect several key stakeholders and will improve spatial data used by both the public and local governments. Put simply—as mapping control data is collected by a licensed surveyor, reviewed by Stillwater County GIS, and submitted to the MSDI theme stewards—the proposed project will improve the Montana Spatial Data Infrastructure (MSDI) and Public Land Survey System (PLSS) standardized data for the Cadastral National Spatial Data Infrastructure (CadNSDI) to increase spatial accuracy for the areas in selected areas of the County.

Goal 1. Hire Professional Surveyor

- Objective 1.1. Hire Contractor
- Task 1.1.1. Hire Survey Contractor – Hire Professional Surveyor.
-Completion Date: 07/10/2022

Goal 2. Control Point Collection

- Objective 2.1. Collect Identified Points
- Task 2.1.1. Collect Identified Control Points – Contractor will gather control point locations and submit the data to the Agency for improvement of the Montana Spatial Data Infrastructure.
-Completion Date: 12/20/2022

Goal 3. Review Control Point Data

- Objective 3.1. Review control points
- Task 3.1.1. Start review of control point data – The hired surveyor will submit all data to the GIS Coordinator for review. GIS Coordinator Will conduct data review.
-Completion Date: 01/1/2023

Goal 4. Data Submittal to MLSS GIS Team

- Objective 4.1. Package Data
- Task 4.1.1. Package Data – GIS Coordinator will collaborate with the hired surveyor to ensure all data is packaged correctly and reporting requirements are met. GIS Coordinator will submit all control point data to the Agency for the purpose of updating the PLSS.
-Completion Date: 05/1/2023

Budget Narrative: In this section, applicants must demonstrate that the project can be completed within the proposed budget, fully justify all project expenditures, leverage existing funds, and explain long-term funding plans. Applicants must provide a clear financial picture of all funds used for this project. The budget narrative should address the following main points:

Description of Activities, Products, and Purchases:

1. Hire Survey contractor to Collect Control Points within Columbus and surrounding area if funds allow (MLIA Grant Funds)
2. GIS Coordinator's time for data QA/QC and submittal to MLIA GIS team (Cash Match)

Description of Budgetary Assumptions:

1. Assumptions based on costs associated with MLIA Grant Program Funding Year2021 for the same type of services.
2. Costs are also based on Contactor and GIS Coordinators hourly rates

Applicant/Partner Funding Sources:

1. Cash Match \$3750 from Stillwater County GIS Land Information fund
2. Cash Match will be used for Data QA/QC and data submittal to MLIA GIS Team

MLIA GRANT DETAILED BUDGET TABLE

Tasks	Category Type	Funding Source	Hours	Rate	Cost
Task 1 - Hire Consultant to Collect Identified Survey Points in Columbus MT	Contractual	MLIA Grant Funds	129	\$ 156.00	\$ 20,000.00
Task 2 - QA/QC Final Products from Hired Consultant	Personnel (incl. fringe benefits)	In-Kind	75	\$ 25.00	\$ 1,875.00
Task 3 - Data Submittal to MLIA GIS Team	Personnel (incl. fringe benefits)	In-Kind	75	\$ 25.00	\$ 1,875.00
Totals:				 	\$ 23,750.00

MLIA Grant FY2022 - Proposed Survey Control Point Collection*

Grant Project Name:

Grant Project Identified Project Manager:

Number	Township	Range	Section	Quarter	Corner	Priority	Approval Status
	(This is where the grantee will identify the corners for collection)					(Priority Corner vs. Alternate Corner) Grantee /MSL Action	(Approved or Not Approved) MSL Action
30	2S	21E	5	NENE	NE Section Cor.	Priority Corner - High	
31	2S	21E	5	SESE	SE Section Cor.	Priority Corner - High	
32	2S	21E	8	SESE	SE Section Cor.	Priority Corner - High	
33	2S	21E	17	SESE	SE Section Cor.	Priority Corner - High	
34	2S	21E	20	SESE	SE Section Cor.	Priority Corner - High	
35	2S	21E	7	NWNW	NW Section Cor.	Priority Corner - High	
36	2S	21E	7	SESE	SE Section Cor.	Priority Corner - High	
37	2S	21E	18	SESE	SE Section Cor.	Priority Corner - High	
38	2S	21E	3	SESE	SE Section Cor.	Priority Corner - High	
39	2S	21E	30	SESE	SE Section Cor.	Priority Corner - High	
40	2S	21E	32	SESE	SE Section Cor.	Priority Corner - High	
41	3S	18E	36	SESE	SE Township Cor.	Secondary Priority - Moderate	
42	3S	18E	36	NENE	NE Section Cor.	Secondary Priority - Moderate	
43	4S	18E	1	SESE	SE Section Cor.	Secondary Priority - Moderate	
44	4S	18E	2	SWSW	SW Section Cor.	Secondary Priority - Moderate	
53	3N	20E	29	SWNW	W Quarter Cor.	Secondary Priority - Moderate	
54	3N	20E	30	SENE	EQuarter Cor.	Secondary Priority - Moderate	
55	3N	20E	32	SWNW	W Quarter Cor.	Secondary Priority - Moderate	
56	3N	20E	32	SENE	EQuarter Cor.	Secondary Priority - Moderate	
57	3N	20E	15	NENE	NE Section Cor.	Secondary Priority - Moderate	
58	2N	20E	18	SWSW	SW Section Cor.	Secondary Priority - Moderate	
59	2N	20E	13	SESE	SE Section Cor.	Secondary Priority - Moderate	
45	1N	22E	13	SESE	SE Section Cor.	Secondary Priority - Moderate	
46	1N	22E	15	SWSW	SW Section Cor.	Secondary Priority - Moderate	
47	1N	22E	3	NWNW	NW Section Cor.	Secondary Priority - Moderate	
48	2S	23E	29	SWSW	SW Section Cor.	If Funds Allow	
49	2S	23E	26	SESE	SW Section Cor.	If Funds Allow	
50	2S	23E	33	SESE	SE Section Cor.	If Funds Allow	
51	2S	20E	22	NENE	NE Section Cor.	If Funds Allow	
52	2S	20E	27	SESE	SE Section Cor.	If Funds Allow	

COLUMBUS AREA
*NE OF COLUMBUS

ABSAROKEE AREA

* Already have 5 CP's west of Absarokee in sections 34 & 35

RAPELJE AREA

MOLT AREA

PARK CITY AREA

COLUMBUS AREA

Stillwater County
400 3rd Ave North
MT 59019

Invoice

Date	Invoice #
8/3/2021	9

Bill To

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
		Total	\$0.00