



MT E9-1-1 & GPS/GIS Project FY21-22

Prepared by Pondera County
for Montana State Library MLIA Grant Program FY 2022

Submitted by Burns Melinda

Submitted on 02/26/2021 8:09 AM Mountain Standard Time

Opportunity Details

Opportunity Information

Title

MLIA Grant Program FY2022

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 Application packet for more program information and instructions.
https://docs.msl.mt.gov/MLIAC/FY2022/MLIAGrantApplicationPackage_FY2022.pdf

Awarding Agency Name

Montana State Library

Agency Contact Name

Erin Fashoway

Public Link

<https://mt.amplifund.com/Public/Opportunities/Details/305887a5-8775-4ecc-999c-61558a21430e>

Funding Information

Total Program Funding

\$250,000.00

Funding Sources

State

Award Information

Award Period

07/01/2021 - 06/30/2022

Award Announcement Date

5/31/2021

Award Type

Competitive

Capital Grant

No

Indirect Costs Allowed

No

Matching Requirement

Yes

Submission Information

Submission Window

02/01/2021 12:00 PM - 03/05/2021 5:00 PM

Submission Timeline Type

One-Time

Submission Timeline Additional Information

https://docs.msl.mt.gov/MLIAC/FY2022/MLIAGrantApplicationPackage_FY2022.pdf

Allow Multiple Applications

Yes

Technical Assistance Session

Technical Assistance Session

Yes And Required

Session Date and Time

02/02/2021 9:00 AM

Conference Info / Registration Link

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

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.



Project Information

Application Information

Application Name
MT E9-1-1 & GPS/GIS Project FY21-22

Award Requested
\$17,769.00

Cash Match Requirement
\$0.00

Cash Match Contributions
\$0.00

In-Kind Match Requirement
\$0.00

In-Kind Match Contributions
\$4,818.44

Total Award Budget
\$22,587.44

Primary Contact Information

Name
Burns Melinda

Email Address
melinda.burns@ponderacounty.org

Address
20 4th Ave SW
Conrad, Montana 59425

Phone Number
406-271-4040

Project Description

Part 01: Proposal Information

Proposal Information

Please see the MLIA Grant Application Package for more information about the MLIA Grant - https://docs.msl.mt.gov/MLIAC/FY2022/MLIAGrantApplicationPackage_FY2022.pdf.

The applicant must identify one MLIA FY2022 Grant Priority that the proposed project will address. To read about all MLIA Grant Priorities, please read the [FY2022 MLIA Land Information Plan](#).

Identify Grant Priority

Support Geographic Information Systems for Public Safety, Emergency Management, Disaster and Emergency Services Operations, and Community Resilience Planning. ▾

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)

4

Executive Summary

Pondera County, MT has had an Enhanced 9-1-1 System based on GPS/GIS for over 17 years. The County understands that it will eventually need to migrate its E9-1-1 System to an NG9-1-1 platform. The County will use MLIA funding to supplement, upgrade, and update its existing Enhanced 9-1-1 and GIS data to support local emergency response and public safety, as well as prepare County datasets to readily transition to NG9-1-1.

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 [FY2022 MLIA grant application packet](#).

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

Name of Contact

Kody Farkel

Name of Agency

Pondera County

Street Address

20 SW 4th Ave

City

Conrad

Zip Code

59425

Contact Phone Number

406-271-4001

Statement of Support

Pondera County Letter of support 022421

Do you have a second Funding Partner?

- Yes
- No

Part 03: Relevance

Relevance to the FY2022 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 [FY2022 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

Relevance

Tier 1 Priorities of the MLIA Grant Program - create or update datasets...for the continued participation in the MSDI initiatives, including...a. Develop GIS data to support NG9-1-1. Pondera County understands our current NENA compliant E-911/GIS System will eventually be migrated to NG9-1-1. MLIA funding is needed to supplement, upgrade and update existing E-911 data to facilitate that transition.

The DES Coordinator assigns new physical addresses to residents needing mail delivery/utilities, does not catch every new structure. Without residential building permits, the County relies solely on residents to declare new structures. State electrical permit and phone service orders (adds/deletes/changes to landlines) are reviewed to try and identify new structures. Additional development is often "stumbled into," but every road isn't driven annually. Pondera County contracts for our GPS mapping 2-3 times a year. Since 2010, about 15 new structures a year were mapped.

To ensure accuracy, the ALI database is audited annually, comparing landline addresses to the GIS. Landlines are decreasing steadily though, so our ability to keep the GIS data up-to-date also decreases annually. As cellular devices and coverage improve, landlines are dropped for wireless. Wireless 9-1-1 calls are increasing dramatically, but wireless records aren't accessible. Pondera County manages 3,500 structures points and 1,365 miles of road in the E-911/GIS. Most of this data, however, was collected 18+ years ago. Without a concerted effort to update the GIS now, the data value will keep diminishing.

NG9-1-1, a more detailed approach to routing of 9-1-1 calls based on geographic location, is imminent. This application is for Year 4 of a 4 year GPS/GIS project designed to update the existing E-911/GIS data - countywide. Years 1 & 2 focused on the County's communities - wherein the municipal street networks and structure locations were reviewed afield and the respective data layers were revised/updated using the NG9-1-1 data model/standards. Years 3 & 4 are focused on the comprehensive review of the rural road network and rural structures to do the same. For the eventual E-911 to NG9-1-1 migration, Pondera County needs accurate data. Up-to-date structure attributes and road centerlines will give dispatchers, emergency responders, the DES office and other County offices that rely on the GIS, a reliable package - thereby enhancing the overall E-911/GIS System. With the updated information we will be positioned to readily transition to NG9-1-1, as well as update available on-line data and published atlas booklets for the general public.

SCORING: RELEVANCE - 100 TOTAL POINTS

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)

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 a specific MSDI theme;
2. Enhance the land information needs of multiple agencies or jurisdictions; and
3. Benefit the citizens of Montana
4. *Exception: This section is not required for GIS Project Planning applicants and applicants with the sole purpose of collecting new survey control data.*

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

- Yes
 No

Public Benefit

Pondera County has used GPS/GIS since 2001 to keep our GIS current by GPS-mapping new roads and structures using standardized and sustainable methods. These efforts have supported the State's MSDI Structures and Addresses, as well as the "Transportation Theme". Until very recently, the DES Coordinator was the only GIS user. Dispatch relied on the GIS data to locate 9-1-1 callers, but other County offices relied solely on paper maps or atlases – without the benefit of details/attributes that digital access provided. In 2017, Pondera County applied for and received funds from Phillips 66 (their oil pipeline bisects the County) – for mobile GPS/GIS. Eighteen (18) tablet computers were loaded with GIS and provided to local emergency responders with basic GPS/GIS training to assist emergency response. GIS software was also installed in the Clerk & Recorder, Commissioners and Treasurer's Offices to support address verifications. We understand "spreading the wealth" with GIS access to assist daily work flows. Pondera County wants to improve the substantial GIS dataset we invested in with the E-911 System. This project will result in improved accuracy and augmented information – to be used now and in the future by subsequent county stewards.

This investment will take advantage of local, regional and state funding, using available expertise to strengthen Montana's GIS. The result will be improved quality of life for the communities of Conrad, Valier, Brady, Dupuyer, Heart Butte and Ledger, as well as the rural residents and tribal members in the County and Montana citizens. GIS fosters better land use decisions - and promotes and supports local and regional economic development. Accurate data improves emergency response and supports downstream effects. Improving GIS data also helps utility companies with exact locations for repairs, replacements and new projects.

Public and private use of GIS is growing. The availability of this kind of information is coming to be expected. Improving Pondera County's Public Safety data creates a consistent, maintainable and accessible dataset serving the growing needs of public and private users. The basic need for accurate and up-to-date information to support accurate and efficient emergency response and disaster preparedness and mitigation efforts has not changed. As proposed, this project will result in better structure point data, support the increased number of GIS users in Pondera County and support continued mobile use of the GIS to for current and future County needs.

SCORING: PUBLIC BENEFIT - 100 TOTAL POINTS

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)

The applicant's proposal demonstrates how the proposal will benefit a specific MSDI theme; enhance the land information needs of multiple agencies and across jurisdictions; and/or benefits the citizens of Montana. (0-100 points)

1. The proposed project describes how it will benefit at least one other agency across departments; 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;

2. If applicable, the proposal clearly describes how it will benefit an MSDI theme;

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

Mrs

Primary Project Manager Name

Melinda Burns

Primary Project Manager Title

911 Coordinator

Primary Project Manager Organization

Pondera County

Primary Project Manager Email Address

melinda.burns@ponderacounty.org

Primary Project Manager Phone Number

4062714040

Secondary Project Manager

Salutation

Ms

Secondary Project Manager Name

Kody Farkel

Secondary Project Manager Title

Clerk and Recorder

Secondary Project Manager Organization

Pondera County

Secondary Project Manager Email Address

ponderaclerk@3rivers.net

Secondary Project Manager Phone Number

4062714001

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

Tom Kuka, County Commissioner Chairman, will co-administer this grant. Tom served as the County Sheriff for 10 years until elected Commissioner in 2014. Tom attended the MT Law Enforcement Academy in Bozeman before serving the County - as a DARE Officer, Deputy, Chief Deputy, Undersheriff, then Sheriff. He serves on the Center for Mental Health, Airport, Weed, Park and Community Service County Boards. A lifelong resident of the County, rancher and enrolled member of the Blackfeet Indian Nation, Tom is supported by the Local Emergency Planning Commission (LEPC)/9-1-1 Board and the other County Commissioners, regarding overall contractual and grant administration. Kody Farkell, Pondera County Clerk & Recorder (C&R) will support Tom Kuka to co-administer this grant. Appointed in 2013, elected to the position in 2014 and reelected in 2018, Kody attained a BS in Agricultural Business Management from Montana State University. Prior to being the C&R, Kody worked in personal and real estate loans and for the County Conservation District as District Administrator. A large part of that position was administering grants awarded from the DNRC and DEQ. Kody is currently the Secretary for the MT Association of Clerk and Recorders and a member of the Association's Legislative committee. Kody is also a Board Member of the Conrad Scholars, a member of their church finance council, and along with her husband owns a small local chemical business for which she has been the bookkeeper for the past 13 years. Kody will work with Tom and Melinda to make sure all documentation and reports are completed correctly and on time. Kody is supported by the LEPC/9-1-1 Board and Commissioners regarding contractual and grant administration.

The proposed project will be managed by the Disaster and Emergency Services (DES) Coordinator, Melinda Burns. Melinda attained a BS in Information Systems Business Management from CA State University Long Beach. Melinda attained a certificate in Project Management from the U of CA Irvine. Melinda worked full time while attending college full time. She was employed by the City of Irvine, CA during the early years of developing the city. After college, Melinda was hired by General Dynamics in San Diego, CA as a computer programmer for the business division. Later employment with TRW Credit Bureau division, now Experian, was her home for 25 years. During Melinda's tenure with Experian she attended UCI and completed her Certificate in Project Management. When Melinda's mother, who lives in Conrad, MT was placed into a nursing home, Melinda and her husband made the decision to move from CA to MT to be near her family. LeAnn Hermance (former DES Coordinator) retired in June of 2019 and Melinda's employment started with the County in July of 2019. Melinda is active in the community and volunteers at Pondera County Medical Center at the extended care unit. She is also very active with the Presbyterian Church in Conrad. Melinda Burns is the County Coordinator for DES, Flood Plain, 911 Rural Addressing and Fire Wardens. She is responsible for working with (on the phone and in person) County landowners and residents on the assignment of all new structure/physical addresses, including road naming. There has been one State Disaster Declaration for Pondera County during her tenure, she continues to work with State, Federal and local officials to create a disaster resilient community. Melinda also chairs the LEPC, is a member of the District II Continuity of Operations/Continuity of Government networking group. Melinda is supported by Tom Kuka, Kody Farkell, the LEPC/9-1-1 Board and the other County Commissioners regarding overall project management.

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 of 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

1. Management Plan

Melinda Burns, as the County's defined PM, will be responsible for working with the State Library on quarterly grant progress reporting, invoicing, eventual data deliverables and the final project report. Melinda will work directly with the County's Consultant, managing the project schedule, workflows and communication/coordination. Melinda's tenure started in July 2019, so she inherited the current project (MLIA 2020_05) that will not be completed until June 30, 2020. Despite some initial issues that were worked out with the State Library staff, Melinda successfully took over the current grant's administration and reporting.

2. Past Record of Performance

Pondera County is applying for funding for Year 4 of a 4 year MLIA project. In Year 1, the County and their Consultant successfully developed an ArcGIS Online account, migrated the E-911 data to the NG9-1-1 models and set-up a field data collection system that allowed them to field verify over 900 urban structures (approximately half of the County's structures in communities). Public data was published and more detailed data distributed to County GIS users. In Year 2, an additional 900 urban structures were audited/verified (the remainder of urban structures)- and the resulting field data was processed. Year 3's efforts will shift to verifying half of the rural structures and rural road network - and Year 4 will complete the audit of addressed structure points and road centerlines. While Melinda Burns is relatively new to the overall project, the County Commissioners and the County's consultant have successfully completed Year 1 and 2's goals and this coming Spring, will be underway with Year 3's as well. Melinda spent time afield in 2019 assisting with field verification in Conrad and is working with the Consultant to maintain the current GIS, including the structure points/address database, and the E-911 system (e.g. the Master Street Address Guide or MSAG, hosted by CenturyLink). Melinda has had 2 years experience with the MLIA process, by completing quarterly progress reports and coordinating with the State Library on invoicing and deliverables/data submittals.

3. Hiring a Consultant

This project will be managed by Pondera County and contracted to MaPS, Inc. The County has an ongoing contract with MaPS, Inc. for GPS/GIS services and anticipate signing a Letter of Agreement (LOA) with MaPS, Inc., including this project's Scope of Work as an attachment, to cover the proposed project. Melinda will communicate with the State Library staff, coordinate the

on-site field work, including scheduling, and monitor the project's progress, reporting to Tom and Kody. Melinda will also review all of the resulting project data as the project develops, meet the grant reporting requirements and coordinate the submittal of the final dataset(s).

a. MaPS, Inc. is managed by Matthew Pearce, its President and company Founder. Matt earned a B.S. in Geography with GIS/Cartography emphasis at the University of MN. His geography career has spanned 27 years and he is a certified Emergency Numbering Professional (ENP) and a member of the National Emergency Numbering Association (NENA). MaPS, Inc. Matt is also currently providing E-911 and GPS/GIS consulting services for a number of MT counties, including Pondera, Toole, Choteau, Valley, Granite and Mineral. MaPS, Inc. specializes in GPS field data collection and GIS processing, including on-site project coordination and training and has a hard-earned reputation of providing clients with high quality data and excellent customer service.

MaPS, Inc. has worked for Pondera County since July 2000 and successfully implemented the County's E-911 System and multiple E-911 & GPS/GIS contracts with other County and City agencies in MT and the region. MaPS, Inc.'s personnel have extensive experience in GPS field data collection, GIS development and E-911 implementation and have worked on over fifty projects in many states across the nation. MaPS, Inc. has successfully completed previous GPS/GIS projects of similar scope and has demonstrated a thorough understanding of the required services. Pondera County believes that MaPS, Inc. has provided a reliable and fair project cost that is a good use of MLIA grant funding.

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
Mapping and Planning Specialists, Inc.

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

Due to COVID-19, Matt Pearce, of MaPS, Inc., the consultant has not done any rural field verification on Year 3 in 2020. MaPS, Inc. anticipates completing Year 3's fieldwork (approximately 900 rural structures) this coming Spring (April/May) - and weather and schedule permitting, complete Year 4's fieldwork this coming Summer/Fall. The anticipated amount of time to complete this project in Year 4 is roughly 182 hours

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
Pondera County MLIA_2020_05 2nd Quarter report

AGENCY'S FINANCIAL CONTACT

Salutation
Ms.

Financial Contact Name
Erin Fashoway

Financial Contact Title
State GIS Coordinator

Financial Contact Organization
Montana State Library

Financial Contact Email Address
efashoway@mt.gov

Financial Contact Phone Number
406-444-9013

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

Pondera County recognized the benefits of having digital map data and a GIS and started the development of them 20 years ago to support their goal of implementing their E-911 System. After their E-911 System went on-line, the County continued their partnership with their E-911 & GPS/GIS consultant to continually maintain their E-911 and GIS data. Numerous sources (field verification, telephone service order activity, parcel/deed transfers, commercial building permits, State electrical permits, word-of-mouth, Postal coordination, etc.) are used to identify growth and change. Ongoing E-911 & GIS maintenance of the County's structure points and road centerlines is funded through the current DES budget and through collection of wireless and landline telephone surcharges (collected at the State level and doled back to the County quarterly based on population/percentages). The County GIS data adheres to NENA and Postal formats and addressing standards - and now, with the opportunity afforded by the MLIA program, the County GIS data meets NG9-1-1 formats and standards as well. Local users of GIS data will continue to be supported by the County and the DES office with regular updating of the proffered datasets - including updates to on-line public data and the more detailed ArcReader tablet datasets. The County will seek additional ways to develop new GIS users with technological support and software advances. The County will also continue to work with the State sharing the road centerlines and structure point data that have augmented by this opportunity - both for the Cadastral project and the NG9-1-1 initiative.

SCORING: PROJECT SUSTAINABILITY - 100 TOTAL POINTS

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 and interactive map of the previously awarded MLIA Grants - https://geoinfo.msl.mt.gov/Awarded_MLIA_Grants

Did the applicant receive an MLIA grant in fiscal year 2021?

- Yes
- No

Applicants awarded an FY2021 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 2021 MLIA Grant Project Title

MLIA_2021_06

FY 2021 MLIA Grant Progress Report

0% complete due to COVID-19. Consultant anticipates, pending weather and scheduling constraints, completing Year 3's GPS fieldwork (e.g. verifying an additional 900 rural structures and the corresponding roads serving said structures) this coming Spring (e.g. April/May). A grant extension may be needed.

Fiscal Years 2017-2020 MLIA Grant Cycles

Please indicate whether or not the applicant was awarded any MLIA grants during state fiscal years 2017-2020. 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 2020?

- Yes
- No

FY 2020 MLIA Grant Project Title

MLIA_2020_05

FY 2020 MLIA Grant Summary

MLIA_2020_05 Progress Report:

Goal A: GPS/GIS Field Audit (Audit)

Objective A.1 – (Year 2 of 4) Audit

Task A.1 – Audit; DONE 11/2019 - 900+ structures were audited in Conrad, Brady, Dupuyer and Valier.

Task A.2 – Validate resident feedback/update GIS; DONE 8/2020 - DES received remote ArcGIS editing training to update GIS and complete resident feedback processing.

Task A.3 – Update ENS/mapped ALI vendors; Pending - GeoComm's mapped ALI software, GeoLynx, being replaced during Dispatch console upgrade. RAVE ENS system also being replaced.

Goal B: E-911 data maintenance against NG9-1-1 model

Objective B.1 – Process E-911 mapping & audit data against NG9-1-1 framework

Task B.1 – New data NG9-1-1 attribution; DONE – new structures/roads processed against NG9-1-1 dataset and attributed.

Objective B.2 – E9-1-1 dispatch mapping software testing

Task B.2 – Test dispatch mapping software with updated data; Deferred - mapped ALI software being replaced during Dispatch console upgrade. Current set-up still functions (9-1-1 caller locations plot with ALI feed) - modifying sun-setted software for NG9-1-1 attribution offers no extra benefit as new mapped ALI vendor may require "morphing" data.

Goal C: Maintain County's GIS use/users; broaden GIS opportunities

Objective C.1 – Update County's on-line published maps/data and update off-line user datasets

Task C.1 – Republish/update AGOL maps/data and update ArcReader datasets on local/tablet computers. Pending – 2019 field data processed/attributed/republished. URL links to AGOL data with instructions for Explorer app use not yet posted to County website. Data updated on-site 12/2019 (e.g. DES PC, Courthouse Server, and select tablet computers in use); next update scheduled Spring 2021.

Objective C.2 – Educate potential County AGOL users/add named AGOL viewers/users

Task C.2 – County agencies offered ESRI AGOL licensing/training; Pending - County received 18 tablet computers in 2017 and deployed them using ArcReader. To-date, tablets are only being utilized (actively) by a handful of users. At present, potential users have not expressed any interest in more capabilities. County continues to keep a lookout for other potential users.

Goal D: MSDI Theme Steward Data Submittal

Objective D.1: Submit an interim set of GIS data to the State

Task D.1: Structure points/road centerlines (results of NG9-1-1 transition & Year 1 and 2's field audit) to be submitted to State with valid metadata. Scheduled Spring 2021.

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

- Yes
- No

FY 2019 MLIA Grant Project Title

MLIA_2019_12

FY 2019 MLIA Grant Summary

MLIA_2019_12 Progress Report:

Goal A: GPS/GIS Field Audit

Objective A.1 – (Year 1 of 4) GPS/GIS Field Audit; DONE

Task A.1 – GPS/GIS Field Audit (900 Structures); Completed 9/2018. The west half of Conrad was field verified; 900+ structure points were updated.

Task A.2 – Validate resident feedback/update GIS; Started 10/2018 - completed 12/2018. DES was trained on GIS data editing for resident feedback processing.

Task A.3 – Update ENS and mapped ALI vendors; GeoComm's mapped ALI software, GeoLynx updated 11/18. RAVE ENS system not being utilized - after the RAVE contract

renews in 2021, County intends to replace their ENS vendor/software.

Goal B: Adapt the GIS to reflect NENA NG9-1-1 model

Objective B.1 – Transform E-911 data to NG9-1-1 framework; DONE

Task B.1 – The State's NG9-1-1 file GDB framework acquired; DONE 9/18

Objective B.2 – Migrate the GIS data into NG9-1-1 framework; DONE

Task B.2 – Migrate E-911 data into NG9-1-1 model and attribute accordingly; DONE 12/18

Objective B.3 – Test dispatch mapping software with updated dataset

Task B.3 – Coordinate updated data/map docs with mapped ALLI vendor for testing revised formats; Deferred – see FY_2020_05 Progress Report.

Objective B.4 – Audit MSAG/ESZ data against GIS; Deferred

Task B.4 – Review MSAG against ESZs & update; Deferred - auditing MSAG/ESZ data against GIS deferred to Year 4 - as a final "Spring 2022" task – conducted after all field verification/updates made to road centerlines/structure points County-wide. Goal C: Broaden the County's GIS opportunities

Objective C.1 – Establish AGOL account; DONE Task C.1 – ArcGIS Online account set-up; DONE Objective C.2 – Digital map publishing; Pending

Task C.2 – Publish County maps & website linkages; Pending - GIS data published to AGOL. Instructions to be posted to County website regarding useage/access - website not yet updated.

Objective C.3 – Educate potential County AGOL users; Deferred

Task C.3. - County agencies offered ESRI AGOL licensing/training; Deferred – see FY_2020_05 Progress Report.

Goal D: MSDI Theme Steward Data Submittal; DONE

Objective D.1: Submit an interim set of GIS data to the State; DONE

Task D.1: Structure points/road centerlines (results of NG9-1-1 transition & Year 1's field audit) were submitted to State with valid metadata 6/2019.

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

Yes

No

Did the applicant receive an MLIA grant in fiscal year 2017?

Yes

No

Part 08: Project Authorization

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 2022 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

Melinda Burns

Date Signed

2/19/2021

Additional Documents

MLIA Proposed Survey Control Point Collection Form - https://docs.msl.mt.gov/MLIAC/FY2022/PLSSForm_MLIA_FY2022.zip

Please provide any additional uploads such as maps or other forms

Additional Upload

PONDERA_MLIAApplicationTemplates_FY2022

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.

Is the proposed project a PLSS/survey control project?

- Yes
- No

SCORING: SCOPE OF WORK - 100 TOTAL POINTS

Please review the Performance Plan Section, 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, 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			
911 Coordinator Salary	\$0.00	\$4,818.44	\$4,818.44
Subtotal	\$0.00	\$4,818.44	\$4,818.44
Contractual			
MLIA Year 4 of 4	\$17,769.00	\$0.00	\$17,769.00
Subtotal	\$17,769.00	\$0.00	\$17,769.00
Total Proposed Cost	\$17,769.00	\$4,818.44	\$22,587.44

Revenue Budget

	Grant Funded	Non-Grant Funded	Total Budgeted
Grant Funding			
Award Requested	\$17,769.00		\$17,769.00
Subtotal	\$17,769.00		\$17,769.00
Non-Grant Funding			
Cash Match		\$0.00	\$0.00
In-Kind Match		\$4,818.44	\$4,818.44
Subtotal		\$4,818.44	\$4,818.44
Total Proposed Revenue	\$17,769.00	\$4,818.44	\$22,587.44

Proposed Budget Detail

See attached spreadsheet.

Proposed Budget Narrative

Personnel

Eligible Projects 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.

911 Coordinator Salary

In Kind

Contractual

Eligible Projects 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.

MLIA Year 4 of 4

FY2021-FY2022 Completion of MLIA grant

Performance Plan

Proposed Performance Plan

Project Scope of Work

Goal Name	Goal Type	Goal Details
Goal 1: Rural GPS/GIS Field Review/Collection.	Milestone	Due Date 06/30/2022
o Objective 1.2: November 2021 - February 2022 - Validate resident feedback and update the GIS.	Milestone	Due Date 03/01/2022
o Objective 1.3: March 2022 – Submit updated GIS data to the County’s vendors.	Milestone	Due Date 03/15/2022
Goal 2: Maintain E9-1-1 data using NENA NG9-1-1 standards.	Milestone	Due Date 06/30/2022
o Objective 2.2: April to May 2022 – Test dispatch mapping software with updated dataset.	Milestone	Due Date 05/30/2022
Maintain the Contractor’s GIS use/users and broaden such opportunities.	Milestone	Due Date 03/30/2022
o Objective 3.2: April 2022 - May 2022 – Educate potential GIS users.	Milestone	Due Date 05/30/2022

Project Deliverables

Goal Name	Goal Type	Goal Details
Pondera County MT-NG911 Project completion	Milestone	Due Date 06/30/2022

Proposed Performance Narrative

Project Scope of Work

Please add and explain your project goals, objectives, and tasks in this section. To add a new goal, objective, or task, click on the "Add Goal" link. Each new item added is considered a "goal" in the AmpliFund system, so it is important that each goal, objective, or task is labeled carefully and clearly identified as either a goal, objective, or task. The following format is required for labeling goals, objectives, and tasks: a. All goals must be numbered, e.g.: "Goal 1: Submit FY2022 MLIA Grant Application." Project goals should be broad and provide a general statement of the project purpose. Each goal should have at least one measurable objective. b. All objectives must be numbered and include their overarching goal, e.g.: "Objective 1.1: Complete All Grant Application Forms." Each project objective should describe a specific outcome of the project and explain when that outcome will be achieved. Each objective should have at least one measurable task. c. All tasks must be numbered in order and include their overarching goal and objective, e.g.: "Task 1.1.1: Complete the Applicant and Project Information Form of the Application." 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 and a deadline for when the task will be completed. It is important to choose a "goal type" that best suits the Goal, Objective, or Task that you are trying to accomplish. For example, defining a Task to purchase software should be defined as a Milestone "goal type," and a relevant purchase date should be entered. Another example, would be defining a Goal for digitizing all road centerlines in a county, which could be defined in number of road miles. In that case, a Numeric "goal type" would be chosen and the number of possible road miles entered. The Montana State Library must approve all deliverables and reports prior to releasing final grant reimbursement. Therefore, the project proposal must reflect all goals, objectives, tasks, final deliverables, final reports, and final invoicing to be completed no less than 10 business days before June 30, 2022.

Goal 1: Rural GPS/GIS Field Review/Collection.

The state’s fiscal year grant cycle and Pondera County’s location along the Rocky Mountain Front (and its often sudden/extreme weather patterns) mean the optimal time for conducting fieldwork is during warmer/drier late summer/early fall months. Therefore, the fieldwork is slated to be first. o Objective 1.1: August to October 2021 – Rural GPS/GIS field review/collection - Year 4 of 4. □ Task 1.1.1: Continue the multi-year GPS/GIS field review of existing structures and collection/mapping of new structures began in Year 1 of 4. Using the hired consultant’s Field Data Collection System (e.g., wireless sub-meter GPS receiver & Collector software loaded onto a tablet computer). Pondera County has 3,538 structure records. Approximately 70% are urban (2,432) and 30% are rural (1,106). Communities were completed before the rural areas (denser structures = greatest benefit/least cost) because more 9-1-1 calls originate from communities. Approximately 1,800 urban structures have been collected to date. Year 3 (underway), will add at least 650 more rural structures to the field audit. Year 4’s remaining rural structures (approximately 650) are widely scattered and will require significantly more time to canvass and additional expenses to reach (than the urban ones). At least 12-14 days afield is anticipated (estimated 100 hours). Contractor staff will assist the hired consultant with fieldwork for 2 days to gain firsthand knowledge of field procedures/methods and software/hardware. The remainder of the rural Pondera County area (not already covered by Year 3) will be verified – structure by structure, road by road. Collector will be set up to display existing road centerlines/points, structure/access points, driveways, etc., including 2019 and 20179 NAIP aerial imagery layers as base maps. Each structure’s spatial location and GIS attribution will be directly reviewed and updated afield. Attribution may include owner name, resident name, structure type/description, remarks, etc.

o Objective 1.2: November 2021 - February 2022 - Validate resident feedback and update the GIS.

□ Task 1.2.1: Resident feedback or updates received – whether from GPS fieldwork, reported in person, mailed or called in – will be validated by the County’s DES Coordinator based on Geo_ID #’s. Landline records, E9-1-1 data, parcel data, etc. will be contrasted against the GIS. Structure attribution will be revised accordingly. After the initial fieldwork has commenced and responses (in whatever form they come in) are received, the County’s DES Coordinator will receive supplemental ArcGIS editing training and/or support (4 hours) to support response processing. DES will use ArcGIS for GIS editing. The hired consultant will periodically transfer data to the Contractor to edit. Once complete, the hired consultant will transfer the data back. This workflow will allow for efficient editing by the DES and consultant taking turns editing. Consultant will also provide the DES Coordinator with more tech support/training as needed (4 hours of remote/phone support included).

o Objective 1.3: March 2022 – Submit updated GIS data to the County’s vendors.

□ Task 1.3.1: Updated shapefiles of Pondera County’s recently verified roads and structure points will be supplied to/coordinated with the County’s ENS vendor and an updated GDB to the Contractor’s mapped ALI vendor. Spatial coordinates (e.g., latitude/longitude values) or other required fields/values will be included (as needed).

Goal 2: Maintain E9-1-1 data using NENA NG9-1-1 standards.

o Objective 2.1: July 2021 through June 2022 - Process Year 4’s GPS/GIS field audit data against the NG9-1-1 Framework and attribute new data acquired from ongoing 2021 E9-1-1 maintenance mapping efforts. □ Task 2.1.1: Changes to existing roads and structures require review of the NG9-1-1 field attribution and updating as needed. Any new roads and structures that are mapped (as part of ongoing E9-1-1 maintenance mapping) will follow the NG9-1-1 standard fields. DES staff to provide support to the hired consultant as needed.

o Objective 2.2: April to May 2022 – Test dispatch mapping software with updated dataset.

□ Task 2.2.1: The County’s mapped ALI vendor will be provided with the updated data and revised map document(s) for testing the revised formats. The E9-1-1 system will need to function with the new NG9-1-1 data (e.g., landline 9-1-1 calls trigger correct map locations). Based on resulting error flagging/resolution, the data will be updated by the hired consultant to meet the ALI Vendor’s accuracy standards prior to dispatch load.

Maintain the Contractor’s GIS use/users and broaden such opportunities.

o Objective 3.1: February 2022 to March 2022 – Maintain/update the ArcGIS Online (AGOL) published maps/data and update the ArcReader tablets. □ Task 3.1.1: After the 2021 field audit has been completed and the data processed, the AGOL maps, ArcReader datasets, and the County’s website will be updated. Update tablet computers supported by GPS for navigation; update involves prepping microSD cards off-site and swapping the old microSD cards for new on-site).

o Objective 3.2: April 2022 - May 2022 – Educate potential GIS users.

□ Task 3.2.1: As part of Year 4, the County’s DES Office and the hired consultant will again offer an educational session (2 hours) to other interested County offices and the County Commissioners, reviewing the efforts of the overall project and discussing potential uses/users of the data. As part of this task, the hired consultant will also provide a half-day (up to 5 hours) AGOL training session to cover set-up/log-in information and use of Collector and/or Explorer to view/navigate the GIS data. If the County does not have any takers for the licenses and training, these costs will simply not be invoiced

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 all final deliverables be completed no less than 10 business days before June 30, 2022.

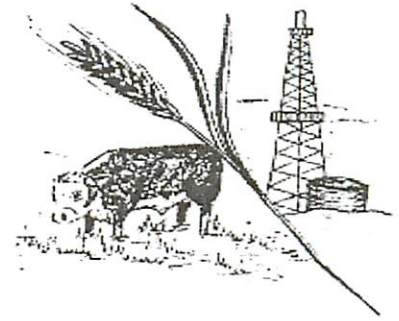
Pondera County MT-NG911 Project completion

2022 will be year 4 of 4 for this NG9-1-1 project. Planning on closing out this project 100% at the end of the Fiscal year June 2022



PONDERA COUNTY

20 4TH AVENUE S.W.
CONRAD, MONTANA 59425



Feb 23, 2021

To whom it may Concern

RE: Pondera County, MT - FY2022 NG9-1-1 Grant

As Pondera County Commissioner Chair, I would like to send my support to the Montana Land Information grant act application.

In Pondera County we have started to migrate to an NG9-1-1. The County will use the MLIA funding to supplement, upgrade, and update its existing 9-1-1 and GIS data to support local emergency response and public safety, as well as prepare the county datasets to readily transition to NG9-1-1. With the grant they will continue to assist local jurisdiction in the planning process.


Pondera County is 1640 Sq miles with a width of Approx. 100 miles. This is most important to maintain safety and communications for the residence of Pondera County.

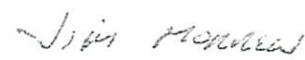
Thank you for your consideration

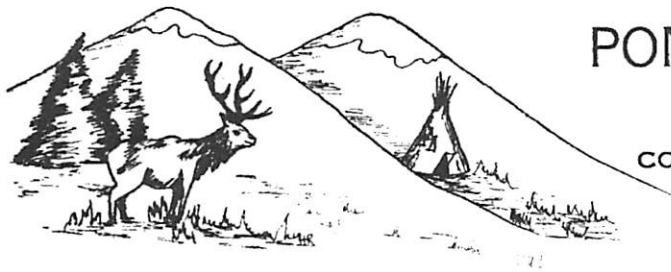
Sincerely,

PONDERA COUNTY COMMISSIONERS


Dale J Seifert, Chair


Thomas A Kuka, Member

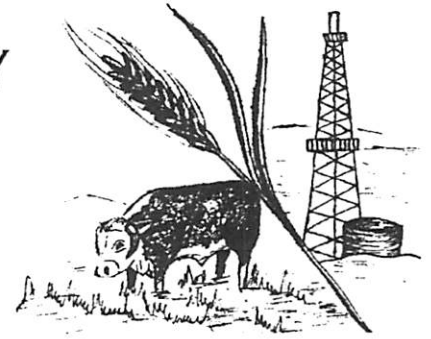

Jim Morren, Member



PONDERA COUNTY

20 4TH AVENUE S.W.

CONRAD, MONTANA 59425



January 24, 2020

Montana State Library
Erin Fashoway
1515 E. Sixth Avenue
Helena, MT 59620-1800

RE: Pondera County, MT E-911 & GPS/GIS Project
MLIA_2020_05

Greetings,

Attached is the second quarter report from MaPS, Inc. on the progress of this grant. Included is:

Work performed by MaPS, Inc, in Pondera County. Breakdown of goals and objectives completed.

The attached invoice from contractual partner MAPS, Inc.

Claim for Pondera County on MLIA E 911 grant.

Work on this grant is 54% Complete. In Kind match of 24 hours x \$19.39 is \$465.36 and MaPs \$123.75 for an in-kind match of \$589.11.

Second Invoice on this grant is \$3,102.75 and first invoice was \$5,168.50 has a total of \$8,271.25 of the \$15,242.00 has been paid out for this grant. Budget detail is attached.

Pondera County 911
20 SW 4th Ave
Conrad, MT 59425
406-271-4040

01/24/20
10:45:43

PONDERA COUNTY
Budget Detail Report by Org with Pay
For the Accounting Periods: 10/19 - 12/19

Page: 1 of 1
Report ID: B160B

Funds 2851-2851, Accounts 400000-599999

201 SHERIFF

Available

Fund/Account/ Doc/Line # Check	Description	Invoice	Invoice Date	End Month/ Amount	Year to Date/ Period	Budget/ Vendor	Appropriation/ PO #
2851 E-911 & GPS/GIS PROJECT GRANT							
420621 E-911 & GPS/GIS PROJECT GRANT							
219 Equipment < \$5000							
		Object Total:	/ /	0.00	0.00	0.00	0.00
350 Professional Services							
		Object Total:	/ /	0.00	0.00	0.00	0.00
		Account Total:		0.00	0.00	0.00	0.00
420622 E-911 & GPS/GIS PROJECT GRANT - YEAR 2							
350 Professional Services							
CL 82446 1 68460 MLIA PROJECT		2019080	11/22/19	3,102.75	11/19 10176 MAPPING & PLANNING		
		Object Total:	/ /	0.00	8,271.25	15,242.00	6,970.75
		Account Total:		0.00	8,271.25	15,242.00	6,970.75
		Fund Total:		0.00	8,271.25	15,242.00	6,970.75
		Orgn Total:		0.00	8,271.25	15,242.00	6,970.75

***Detail total may not match report total. The report total reflects the actual amount posting to the budget line. The detail includes all transactions that posted to the budget line during the period (including amounts that may have been closed).
 ***This report pulls payroll expenditure detail as posted in the Payroll application. If edits are made to Payroll Journal Vouchers in Accounting, this report will not reflect those changes or report accurate ledger totals.



Mapping and Planning Specialists, Inc.

5838 Blackshire Path, Suite 204

Inver Grove Heights, MN 55076

Phone (651) 602-9554

www.mapsrus.net

"Experienced E-911 & GPS/GIS Consultants"

November 22, 2019

INVOICE #2019-080

Client: Pondera County, MT
Attn: Melinda Burns
DES Office
20 SW 4th AVE
Conrad, MT 59425

For: Grant MLIA_2020_05

Work Performed:

MLIA 2020_05 - Pondera County E-911 & GPS/GIS Project

Goal A: GPS/GIS Field Audit

Objective A.1 – Field audit 900 structures (Year 2 of 4); 100% Complete

Task A.1 – The remaining structures in Conrad, all of Brady and all of Dupuyer (569 total structures) were field verified/audited between 7/29 and 8/2. The community of Valier was field verified/audited on 10/7, 10/9-10/10 and 11/4 (331 plus structures). Over 900 urban structures were field verified/audited this past fall. The remaining rural structures will be field verified/audited in Years 3 & 4 of this 4 year project.

Objective A.2 – Validate resident feedback and update the GIS

Objective A.3 – Submit updated GIS data to the County's ENS & Mapped ALI Vendors

Goal B: Maintain the E-911 Data using NENA NG9-1-1 standard; Ongoing

Objective B.1 – Process E-911 maintenance mapping data & field audit data against the NG9-1-1 GDB framework

Task B.1 – Data attribution of NG9-1-1 fields on all new data; During the Valier field verification/audit efforts (note dates above), eight (8) new structures were field verified/mapped and three (3) additional roads were mapped (e.g. new roads, changes to existing road centerlines and/or long driveways and access roads) as part of ongoing E-911 maintenance mapping services; the new structures and roads will be processed against the NG9-1-1 dataset and attributed accordingly (scheduled for December/January).

Objective B.2 – E9-1-1 dispatch mapping software testing

Task B.2 – Mapped ALI Vendor data update/coordination

Goal C: Maintain the County's GIS use & users & broaden such opportunities

Objective C.1 – Update the County's website with AGOL published maps/data & update off-line user datasets

Objective C.2 – Educate potential County AGOL users/Add Named AGOL Viewer/Users

Goal D: MSDI Theme Steward Data Submittal; DONE

Objective D.1 – Submit an interim set of GIS data to the State

MLIA Grant Budget Categories

- a. Personnel
- b. Travel
- c. Equipment
- d. Supplies
- e. Contractual – MaPS, Inc. (9/1/19 – 11/22/19)
 - GPS/GIS Field Audit (Goal A)
 - Objective A.1: 331 Structures Audited x \$9/ea. \$2,979.00
 - Labor (Goals A, B & C)
 - Objective B.1: Project Mgr. Labor (1.25 hr. x \$99/hr.) 123.75

Payment Due:	\$3,102.75
Payment Due Date:	Upon Receipt

MaPS, Inc.'s Federal Employer Identification Number (FEIN): 64-0948483

****Please note that our address has changed – we've moved! Our updated address is above.****

Please remit payment to the address above within thirty (30) days to avoid a late payment fee of 1%. Late payment fees will be assessed at the end of each month a payment is overdue and added to the total. Thank you in advance for promptly paying this invoice.

CLAIM NUMBER	
TOTAL AMOUNT OF CLAIM	
VENDOR NUMBER	

PONDERA COUNTY
 20 4TH AVENUE SW
 CONRAD MT 59425-2383

MLIA E 911 Grant
 Fund Name _____

Nuke Parn
 Department Head

All claims must be submitted before the 8th or 23rd day of each month or will not be allowed in that month's business.
 Please submit separate claims for each fund. Claim forms are available from the County Clerk.

ACCOUNTING INFORMATION	CLAIMANT	Mapping and Planning Specialists, Inc.		
	ADDRESS	5838 Blackshire Path, Suite 204		
	CITY-ST-ZIP	Inver Grove Heights, MN 55076		
DESCRIPTION	EXPENSE NUMBERS	AMOUNT	INVOICE DATE	INVOICE NO.
MLIA_2020_05 E-911 & GPS/GIS Project	2851-201-420622-350	\$3,102.75	11/22/2019	2019-080
		\$3,102.75		

I certify that this claim is correct and just in all respects and that payment or credit has not been received.

Claimant Signature _____ Date _____

Taxpayer ID Number _____

County Clerk _____
 _____ Chair
 _____ Member
 _____ Member

STATE OF MT - PONDERA COUNTY, MT - E-911 & GPS/GIS - INV# MLIA_2019_12	Goal A - GPS/GIS Field Audit	8,780.00	8,780.00	8,780.00	9,435.00	4,675.00	3,400.00	4,475.00	1,190.00	2,550.00	735.00	1,275.00	23,965.00	% RMING % BILLED
	Task A1 - GPS/GIS Field Audit (Year 1 = 900 x \$9/ea.)		8,100.00	8,100.00	-4,568.75	4,675.00	3,400.00	4,475.00	1,190.00	2,550.00	735.00	1,275.00	-5,571.25	
	Task A2 - ArcGIS Pro Training; DES Validates Resident Feedback & Updates the GIS		340.00	340.00	340.00	106.25	1,380.00	3,400.00	3,472.50	272.50	2,465.00	735.00	18,393.75	
	Task A3 - ENS/Mapped ALI Vendor Updates		340.00	340.00	340.00	1,380.00	1,380.00	3,400.00	3,472.50	2,465.00	2,465.00	735.00	-8,333.75	
	Task A4 - GPS/GIS Field Audit (Year 1 = 900 x \$9/ea.)		170.00	170.00	170.00	4,750.00	3,400.00	3,400.00	3,472.50	2,465.00	2,465.00	735.00	10,060.00	
18-089	09/14/18 INV#	8,780.00	8,780.00	8,780.00	4,568.75	4,675.00	3,400.00	4,475.00	1,190.00	2,550.00	735.00	1,275.00	-5,571.25	% RMING % BILLED
18-098	10/18/18 INV#	-8,333.75	-8,100.00	-233.75	4,866.25	106.25	3,400.00	3,472.50	272.50	2,465.00	735.00	1,275.00	-8,333.75	
19-045	6/19/2019	-276.25	DONE	-106.25	-106.25	106.25	3,400.00	3,472.50	272.50	2,465.00	735.00	1,275.00	-4,395.00	
		170.00	DONE	0.00	4,750.00	3,400.00	3,400.00	3,472.50	272.50	2,465.00	735.00	1,275.00	5,665.00	
				DONE										
% RMING		1.94%	0.00%	0.00%	50.45%	0.00%	100.00%	16.42%	0.00%	0.00%	100.00%	0.00%	23.64%	% RMING
% BILLED		98.06%	100.00%	100.00%	49.55%	100.00%	0.00%	83.58%	100.00%	100.00%	100.00%	100.00%	76.36%	% BILLED

STATE OF MT - PONDERA COUNTY, MT - MLIA_2020_05	Goal A - GPS/GIS Field Audit	8,990.00	8,100.00	712.00	3,026.00	2,136.00	890.00	2,069.00	1,246.00	823.00	1,157.00	15,242.00	% RMING % BILLED	
	Task A1 - GPS/GIS Field Audit (Year 1 = 900 x \$9/ea.)		8,100.00	712.00	3,026.00	2,136.00	890.00	2,069.00	1,246.00	823.00	1,157.00	15,242.00		
	Task A2 - ArcGIS Training (4'); DES Validates Resident Feedback & Updates the GIS; Tech Supt (4')		712.00	712.00	712.00	2,978.50	2,088.50	890.00	2,069.00	1,246.00	823.00	1,157.00		-5,168.50
	Task A3 - ENS/Mapped ALI Vendor Updates(2')		178.00	178.00	178.00	2,978.50	2,088.50	890.00	2,069.00	1,246.00	823.00	1,157.00		10,073.50
	Task A4 - GPS/GIS Field Audit (Year 1 = 900 x \$9/ea.)		890.00	890.00	890.00	2,854.75	1,964.75	890.00	2,069.00	1,246.00	823.00	1,157.00		-3,102.75
19-065	8/31/19 INV#	-5,121.00	-5,121.00	-5,121.00	-47.50	-47.50	890.00	2,069.00	1,246.00	823.00	1,157.00	-5,168.50	% RMING % BILLED	
19-080	1/12/21/19 INV#	-2,979.00	-2,979.00	-2,979.00	-123.75	-123.75	890.00	2,069.00	1,246.00	823.00	1,157.00	-3,102.75		
		890.00	890.00	890.00	2,854.75	1,964.75	890.00	2,069.00	1,246.00	823.00	1,157.00	6,970.75		
			DONE											
% RMING		9.90%	0.00%	100.00%	94.34%	91.98%	100.00%	100.00%	100.00%	100.00%	100.00%	45.73%	% RMING	
% BILLED		90.10%	100.00%	100.00%	5.66%	8.02%	0.00%	0.00%	0.00%	0.00%	0.00%	54.27%	% BILLED	

54% complete