

# APPLICATION FOR RANT FUNDIN

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## STEP 1 - Applicant and Partner Information

### Primary Applicant (Required):

Name of principle individual: Deb Blystone

Name of agency/entity: *Lincoln County*

Street: *512 California Ave.*

City: *Libby*

County: *Lincoln*

State: *Montana*

Zip Code: *59923*

Contact email address:

Contact fax address: *(406) 293-7057*

Contact phone: *(406) 283-2464*

### Organizational Unit (if applicable)

Department: *Planning*

Division:

**Date Submitted (Required):** 02/13/13 **Date Received by State:**

### Descriptive Title of Applicant's Project (Required):

**Create an interactive online map with specific layers of interest to, and for use by, County departments, State and Federal agencies and the citizens of Lincoln County.**

## **STEP 2 - Relevance and Public Benefit**

The purpose of the Montana Land Information act is to develop a standardized, sustainable method to collect, maintain, and disseminate information in digital formats about the natural and artificial land characteristics of Montana.

Lincoln County proposes to develop and publish maps and map applications that can support and share the data developed by multiple departments. We intend to share information in a timely, concise and easy-to-use format that will enhance the experience of our users.

In support of MLIA priority 82.2:" Localized GIS solutions that demonstrate the value of GIS in improving the quality of life for Montana citizens and build grass roots support for location based services," the creation of GIS based maps and map services will boost the ability of the citizens of the County to interact with each other and County government.

This project will benefit all residents as well as the following County departments: Planning, Road, the Weed, and Emergency Services. In addition, other public agencies, local businesses and local utility companies will benefit by allowing data to be shared more seamlessly between these bodies. All of these entities will be able to generate specific data to assist them in day-to-day and policy decisions.

This grant will provide a stepping stone for Lincoln County to use the MLIA money from land transactions to sustain and build upon these initial steps. Using the County-created map layers and applications we will use ESRI's Community Analyst to allow the public to comment on and local knowledge to the existing database.

## STEP 3 - Scope of Work Narrative

**Goal #1:** Create and publish an online interactive map of Lincoln County that can be accessed via computer or mobile device to serve the needs of County and City employees and its citizens.

Objectives:

- Create online map that all participating departments can access via computer or mobile device.
- Develop layers for each department to collect the necessary data in an accurate manner.
- Publish the data to the online map so that the data can be seen and edited by others in each department.
- Publish maps online for public access

Tasks:

- Meet with departments to assess their online map needs
- Create map layers for individual departments for access via computer, or mobile device, for access within the network.
- Test data and layers
- Publish maps online
- Create map applications for departmental and public use (roads, weed, EMA, ARP, etc.)
- Train participating departments' personnel on how to access, edit and use the online maps, using their computers or mobile devices
- Implement QA/QC protocols for adding layers
- Ongoing data collection and editing by individual departments

**Goal #2:** Implement Community Analyst to strengthen the ties between government policymakers and the public.

Objectives:

- Integrate Community Analyst with our online offerings
- Gain valuable local insight from the public

Tasks:

- Assign 4 department specific experts and 1 mapping staff as licensed users
- Hold public meetings to gain input from the public
- Establish a publicly accessible layer for direct input by the public

**Project Schedule**

<b>Date</b>	<b>Activity</b>
July 2014	<ul style="list-style-type: none"> <li>• Receipt of MLIA Funds</li> <li>• Acquire Software and Licenses</li> <li>• Meet with County departments</li> <li>• Begin Personnel Training</li> </ul>
August 2014	<ul style="list-style-type: none"> <li>• Test Data and Layers</li> <li>• Publish Base Map and Initial Layers</li> <li>• Continue Personnel Training</li> </ul>
October 2014–November 2014	<ul style="list-style-type: none"> <li>• Create Map Applications</li> <li>• Continue Personnel Training</li> </ul>
December 2014	<ul style="list-style-type: none"> <li>• Publish Map Applications</li> <li>• Test Map Applications</li> <li>• Continue Personnel Training</li> </ul>
March 2014-April 2014	<ul style="list-style-type: none"> <li>• Receive Feedback from the Public and from County departments</li> <li>• Publish and implement Community Analyst</li> </ul>
May 2014-June 2014	<ul style="list-style-type: none"> <li>• Adjust Maps and Map Applications</li> <li>• Create Publicly Accessible Map Layer</li> </ul>

## **STEP 4- Project Management and Organizational Capability Narrative**

This project will be carried out by the Lincoln County Planning Department by Deb Blystone, Planning Manager/GIS Coordinator, Ernie Anderson, IT Technician/GIS Technician, Kristin Smith, County Planner and Ric Kesling, IT Director. The Planning Department will work in conjunction with other County departments to ensure accurate information and to facilitate GIS training of other personnel.

The majority of the work will be performed by Deb Blystone. Deb has been employed by the County since 1990 in many capacities that serve her role as County Planning Manager/GIS Coordinator. She has worked with multiple mapping programs (MapInfo, AutoCAD and ArcGIS), and she has mastered several training courses in GIS and ArcGIS. She has been a member of MAGIP since 2009. In 2006, she currently maintains the County Geodatabase. Deb will serve as the Primary Coordinator for the grant project.

Ernie Anderson will provide additional GIS expertise. Ernie is the Computer Technician in the IT Department and a GIS Technician with the Planning Department. He has been with Lincoln County for 5 years. Prior to joining the County, Ernie received an MIS certificate from Flathead Valley Community College. Since joining the County, Ernie has taken multiple GIS courses and has extensive experience creating and modifying maps and layers.

Kristin Smith, AICP has been with Lincoln County since March, 2009. She has worked as a professional planner for ten years in both the public and private sectors. She obtained her Master's Degree in Geography – Community and Environmental Planning from the University of Montana and is certified by the American Institute of Certified Planners. She has experience in successful grant writing and administration and understands the value that a comprehensive GIS contributes to community planning and decision-making.

Ric Kesling is the IT Director for Lincoln County. Ric has a business degree from Pacific Lutheran University and extensive training and experience in the IT field. He will oversee the technology portions of the grant and provide administrative support.

## STEP 5- Budget Justification Narrative and Tables

This project is expected to cost \$47,210, of which Lincoln County will contribute \$28,470 in in-kind expenses. The County requests \$18,740 in MLIA funding for the remaining project expenses. Although this is an expensive project, Lincoln County is prepared to invest heavily in personnel expenses if we can secure the outside funding necessary.

a. Personnel

Lincoln County personnel will map and input all data necessary to provide base map and layers. Those maps and layers will then be uploaded to the ArcGIS Online site. Additionally, further layers, maps and map applications will be developed for later upload. County GIS personnel will train other County employees on how to utilize their computers and mobile devices to maintain and enhance individual layers from the field, thereby allowing real-time access to information to both County employees and the public.

The County estimates it will use approximately 1110 hours of labor at an average cost of \$19.73 per hour, including the following departments:

- IT
- GIS professionals
- Road
- Weed
- Emergency Management
- Environmental Health
- Asbestosis Resource Program

b. Travel – N/A

c. Equipment

Lincoln County requests funding for a state-of-the-art workstation (\$2800), enabling efficient processing of increased data volumes by the GIS Coordinator (Deb Blystone).

d. Supplies – N/A

e. Contractual

Lincoln County requests \$11,740 for contractual costs. These costs include:

- 1 year subscription to ArcGIS Online (\$2500)
- 1 year subscription to Community Analyst (\$500)
- 1 year of training and peer-to-peer consulting through GeoData Services (\$9900)
- 1 year access to Basecamp collaboration and support resources (\$240)
- 30 layer Local Government Starter Set (\$2800)

*Applicant Budget Summary*

<b>Category</b>	<b>MLIA Share</b>	<b>Applicant Share</b>	<b>Total</b>
a. Personnel			
Labor		\$21,900.00	\$21,900.00
Fringe Benefits		\$6,570.00	\$6,570.00
b. Travel			\$0.00
c. Equipment	\$2,800.00		\$2,800.00
d. Supplies			\$0.00
e. Contractual			\$13,140.00
1-Yr Subscription to ArcGIS Online	\$2,500.00		
1-Yr Subscription to ESRI Community Analyst	\$500.00		
GeoData Services Consulting (estimated)	\$9,900.00		
Basecamp Support (1 Year)	\$240.00		
30 layer Local Gov't. Starter Set	\$2,800.00		
f. Other			
	TOTAL	\$18,740.00	\$28,470.00
			\$47,210.00

## STEP 8 – Sign the Application

Authorizing statement:

I hereby certify that the information and all statements in this application are true, complete and accurate to the best of my knowledge and that the project of activity complies with all applicable state, local and federal laws and regulations.

I further certify that this project will comply with applicable statutory and regulatory standards.

I further 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.

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Deb Blystone, Planning Office Manager/GIS Coordinator  
February 12, 2014

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Anthony J. Berget  
Chair, Lincoln County Board of Commissioners  
February 12, 2014