

APPLICATION FOR MLIA GRANT FUNDING

SECTION 1 – APPLICANT, PARTNER, AND PROPOSAL INFORMATION

Primary Applicant Contact Information <i>(Please fill this section out in its entirety)</i>	
Name of Agency/Entity:	Chippewa Cree Tribe
Department:	Planning
Division/Section:	Sustainable Development
Street:	31 Agency Square
City:	Box Elder
County:	Hill/Choteau
State:	Montana
Zip Code:	59521
Project Manager Contact Information:	
Name:	William Lodgepole
Title:	Sustainable Coordinator
Email Address:	William_lodgepole@hotmail.com
Phone Number:	406-395-5705
Fax Number:	406-395-5702
Secondary Contact Information:	
Name:	Joan Mitchell
Title:	Planning Director
Email Address	joanlm@cct.rockyboy.org
Phone Number:	406-395-5705
MLIA Grant Funding Request & Match:	
Total Requested MLIA Funds:	\$115,526
Total Matched Funds:	\$14,800

Proposal Information	
Date Submitted:	February 15, 2018
Identified Grant Priority:	I. Support Geographic Information Systems for Public Safety and Emergency Response. b. Development of GIS support Disaster and Emergency Operations and Planning.
Annual or Multi-Year Proposal:	Proposal is a 6-month project, beginning July 1 st , 2018 and ending December 30 th 2018.
Proposal Prepared By:	William Lodgepole
Short Title of Proposal:	Chippewa Cree Tribe Flood Mitigation Project (CCTFMP)
<p>CCTFMP will develop a standardized, sustainable method to collect, maintain, and disseminate information in digital formats about the natural and artificial land characteristics of Rocky Boy, Montana by investigating beavers and beaver-built dams and their effects on streamside resilience and flood control.</p>	
List All Past Awarded MLIA Grants:	
<p>This will be the first MLIA grant application for the Chippewa Cree Tribe. No previous grants have been awarded.</p>	

Funding Partners: (required for each partner, copy box as needed)	
Name of Contact:	Thomas Limberhand
Name of Agency:	Chippewa Cree Tribe Environmental Protection Department
Street:	83 Black Prairie St.

City:	Box Elder
County:	Choteau
State:	Montana
Zip Code:	59521
Contact Email Address:	t_limberhand@yahoo.com
Contact Phone Number:	406-395-4225

Funding Partners: <i>(required for each partner, copy box as needed)</i>	
Name of Contact:	Joe Rosette
Name of Agency:	Chippewa Cree Tribe Natural Resource Department
Street:	98 Veterans Park Rd.
City:	Box Elder
County:	Hill
State:	Montana
Zip Code:	59521
Contact Email Address:	joedogjr@yahoo.com
Contact Phone Number:	406-395-4207

Funding Partners: <i>(required for each partner, copy box as needed)</i>	
Name of Contact:	Richard MacDonald
Name of Agency:	Chippewa Cree Tribe Hazard Mitigation Office
Street:	31 Agency Square
City:	Box Elder
County:	Hill
State:	Montana

Zip Code:	59521
Contact Email Address:	richard_macdonald1980@hotmail.com
Contact Phone Number:	406-395-5705

SECTION 2 – RELEVANCE

The Chippewa Cree Tribe intends to develop a standardized, sustainable method to collect, maintain, and disseminate information regarding the effects of beavers and beaver-built dams on the reservation. Focus will be made on identifying mitigation factors and resiliency during flooding events. Data/information will be shared among project partners, MLIA, and the community. It's understood that land information changes continuously and is needed by businesses, citizens, governmental entities, and others in digital formats.

CCTFMP ensures that Land Information Plan Goals are met as digital land information is collected consistently, maintained accurate in accordance with standards, and made available **(Land Plan Goal #1) as seen in Objectives 2 & 3.**

CCTFMP ensures the promotion of the use of GIS while stabilizing and enhancing infrastructure on the tribal lands **(Land Plan Goal #2) as seen in Objective 1.**

CCTFMP ensures coordination of monthly meetings and data sharing, while providing education and outreach to community members through dissemination methods by utilizing the community newsletter, local radio station, tribal website, and social media outlets **(Land Plan Goal #4) as seen in Objectives 3 & 4.**

Our Community lacks in GIS capabilities but has begun taking steps to bolster GIS capacity. In the springs of 2010, 2011, and 2013, we experienced three major flood events; each declared a presidentially-declared disaster that caused damage to the reservation's natural resources, homes, communication systems, crops, and municipal infrastructure. It's estimated that over \$50 million dollars in flood related damages had occurred, and from which we are still recovering. Physical location makes us susceptible to flooding, hence the importance of trying innovative ways of effective mitigation. Partnership with local departments such as Water Resource's Environmental Protection, Natural Resource's Fish and Wildlife, and Hazard Mitigation Office ensures that project objectives are met, as they assist with in-kind services such as: labor, equipment, and supplies.

SECTION 3 – PUBLIC BENEFIT

CCTFMP will benefit the following MSDI themes: Hydrography, Soils, Land Use, Mapping Control, and Hydrologic Units. Benefits will be seen in the following ways:

- Update and educate public on Hydrology and the effects of Beavers and Beavers Dams on the Box Elder Creek.
- Collect, analyze, and share data on water, soils, plants, and beave dam effects in the Box Elder Creek area.

- Provide information on water, soils, plants, and recommendations on how to mitigate flooding through the use of beaver dams.
- Provide land managers with information to assist in decision making efforts, such as flood control, preventing major soil erosion, and loss of hayfields and other major agriculture items that may suffer the effects of flooding.
- Determine and identify use of land in regards to beaver dam effects.
- Map out locations of potential mitigation sites, or beaver dam areas that can promote resiliency in streams and surrounding lands.
- Identify and study the land around Box Elder creek and it's affects on the environment including social, environmental, health, and economic impacts of flooding and how flooding can be mitigated through beaver dams.

Land information will enhance multiple jurisdictions due to the fact that the Chippewa Cree Tribe is located in both Hill and Choteau counties. As effective flood mitigation methods are implemented, both counties will benefit from a safer and more sustainable environment. Past floods have greatly impacted both counties on social, environmental, health, and economic levels. CCTFMP will provide benefits to the citizens of Montana, with focus on providing a safe and healthy environment for the Chippewa Cree Tribal Community. Both citizens of Montana and the Tribal Community will benefit though public dissemination and education via local radio, and access to tribal website and social media outlets.

SECTION 4 – PROJECT MANAGEMENT AND ORGANZIATIONAL CAPABILITY

The Chippewa Cree Tribe has experience is administering consistently proven programmatic capability in performing and successfully completing similar projects. Similar projects in the area of Environmental, Economic, Educational, Sustainability, and Health, have been administered throughout the years.

Over the years, the Chippewa Cree Tribe has administered numerous grants worth millions of dollars. The Tribe, in collaboration with CCT Financial Department, continues to manage programs while adhering to both Tribal, State, and Federal regulations. The Planning Department, under the Chippewa Cree Tribe, has vast experience in grant management, program and planning development, and consistently collaborates with all Tribal Departments. The Planning Department is staffed with experienced professionals, including the Sustainability Coordinator, Mr. William Lodgepole, who has worked in the field of natural resources for 30 years. His expertise in forestry, fish and game, realty, oil and gas, and sustainable development qualifies him to provide in-kind services in the form of grant administration and labor as needed.

(1) Project Manager PM (to be hired) will lead the project with support from (2) Project Technicians PT (to be hired). Project Manager will be hired based on Hydrology and GIS expertise. As aforementioned, the Tribe lacks in GIS capabilities and it's important to hire a PM with the expertise to carry out project goal and objectives. PT's will work alongside project partners and Sustainability Coordinator. The Sustainability Coordinator will assist the PM in navigating tribal departments, policies and procedures, as well as provide input on Tribal priorities, land usage, locations, and organizing meetings, regarding the CCTFMP. PM will supervise technicians in daily work details and provide side by side training in GPS, GIS, and field data collection.

Partners include: Planning Department, Tribal Water Resources, Natural Resources, Hazard Mitigation, and Tribal Environmental Regulatory Advisory Committee TERAC. TERAC is not a funding partner but will provide input during regular committee meetings. All partners are experts in their areas and meet on a monthly basis to keep abreast of needs, priorities, concerns, and department collaboration.

Project Manager will ensure that project goal and objectives are met in a timely manner according to Project Schedule. Mandatory reporting requirements will be met by submitting quarterly progress reports as well as the final project report. Reports will include deliverables and any deviations from the timeline and/or budget and any problems encountered. Quarterly progress report will also include financial report. Project Manager will communicate with the State Library as needed, fulfill data requirements according to MILA and MSL, as well as manage Project Technicians.

Project Manager: (To be hired)

Key Personnel: Project Technicians (to be hired)
William Lodgepole, Sustainability Coordinator SC
Richard MacDonald, Hazard Mitigation Officer HMO
Thomas Limberhand, Water Resources, PPG Coordinator PPG
Joe Rosette, Natural Resources, Fish & Wildlife Officer FWO

SECTION 5 – SCOPE OF WORK

Goal: Develop GIS capabilities to support disaster and emergency operations and planning on the Rocky Boy's Indian Reservation.

Objective 1: To enhance infrastructure capacity

Tasks:

1. Hire (1) Project Manager PM and (2) Project Technicians PT for project implementation and completion by December 30th, 2018.
2. Purchase GPS equipment: Leica GS14 Antenna w/ accessories, August 1st, 2018.
3. Lease (1) Vehicle for transportation and field work/data collection by July 30th, 2018.
4. Purchase project supplies/materials beginning July 15th and continued throughout project period.

Objective 2: Research and document effects of beavers and beaver-built dams and how they assist in flood control damage and resilience of streams in Box Elder Creek area.

Tasks:

1. Use GPS to help collect, analyze, and share data on dam structures and effects on plant life, water, and soils. Identifying the type of soils being washed and eroded, and where and how soil collects in certain areas of the streams, beginning August 15th and continued throughout project period.
2. Determine whether beavers help mitigate floods by identifying mitigation factors, which will provide groundwork for a future mitigation plan. Determination and identification of mitigation factors to be made by November 30th, 2018.

Objective 3: Develop project partnerships with local data providers.

Tasks:

1. Conduct monthly meetings with project partners as well as PM, PT's, and Sustainability Coordinator, and Tribal Government beginning August 30th, 2018 and continued throughout project period.
2. Collect, analyze, share, and document research findings/information throughout project period. Updates to be provided at monthly meetings and at the end of project period, which is December 30th, 2018.

Objective 4: Provide public education.

Tasks:

1. Dissemination of project findings/information and the effects of beavers and beaver dams via community newsletter, local radio station, tribal website, and social media outlets, beginning September 1st, 2018.

Project Schedule:

Hire PM and PT's	By July 30 th
Purchase GPS/GIS equipment	By August 1 st
Lease (1) vehicle	By July 30 th
Purchase project supplies/materials	Begin July 15 th , and continued throughout project period

Collect, analyze, and share data

Begin August 15th and continued throughout project period

Determine and identify mitigation factors

By November 30th

Conduct monthly meetings

Begin August 30th and continued throughout project period.

Public education/dissemination

Begin September 1st and continued throughout project period.

Completion of project goal and objectives

By December 30th

SECTION 6 – BUDGET JUSTIFICATION AND BUDGET TABLE

The Chippewa Cree Tribe ensures completion of project goal and objectives within project timeframe. Expenditures are based on cost value research, and experience and understanding of what is needed for project success. Leveraged in-kind services will be in the form of labor, equipment, and supplies not covered within proposed budget.

In regards to long-term funding, the Chippewa Cree Tribe understands that projects with sustainable outcomes have continued impact in communities. Therefore, through strategic sustainability planning, the Tribe will continue to work towards accomplishing the desired outcomes and impact after funding ends. The Tribe is resourceful at coordination of resources to sustain projects beyond the period of federal support. Department collaboration will continue through monthly meetings with Tribal Government and Community Members. Collaboration with Planning Department Staff will ensure proper strategic sustainability planning as well as funding research and grant writing services.

Budget narrative as follows:

1. Personnel

(1) Project Manager (to be hired) will be paid at the rate of 25 p/h for 40 hours per week for 26 weeks for a total cost of 26,000.

(2) Project Technicians (to be hired) will be paid at the rate of 13 p/h for 40 hours per week for 26 weeks for a total cost of 27,040.

In-kind from the following Personnel includes:

Sustainability Coordinator **SC**, William Lodgepole will provide in kind services at the rate of 30 p/h for 40 hours per week for 8 weeks, with a total in-kind contribution of \$9,600.

Hazard Mitigation Officer **HMO**, Richard MacDonald will provide in kind services at the rate of 30 p/h for approximately 1-5 hours per week for approximately 8 weeks, with a total in-kind contribution of \$240-1,200.

Water Resources Department, EPA-**PPG** Coordinator, Thomas Limberhand will perform in kind services at a rate of 25 p/h for approximately 1-5 hours per week for approximately 8 weeks, with a total in-kind contribution of \$200-1,000

Natural Resources Department, Fish & Wildlife Officer **FWO**, Joe Rosette will provide in kind services at a rate of 25 p/h for approximately 1-5 hours per week for approximately 8 weeks, with a total in-kind contribution of \$200-1,000

In-kind in the form of equipment and supplies/materials usage not covered in proposed budget for a total cost of 2,000.

Estimated in-kind attributed to the CCTFMP is \$14,800.

Fringe

Fringe will be included for Project Manager, Project Technicians, and Sustainability Coordinator for a total cost of 13,260.

2. Equipment

(1) GPS Unit: Leica GS14 Antenna w/ accessories, will be purchased to ensure effective and efficient project implementation for a total cost of \$33,226.

3. Travel

Transportation services will be provided by leasing (1) vehicle for field work and data collection at a total cost of \$5,000.

4. Supplies

Supplies will include programmic materials needed for project implementation for a total cost of \$10,000.

5. Other

Media Dissemination costs will be paid to Chippewa Cree Tribe radio station, KHEW, for a total cost of \$1,000.

The Chippewa Cree Tribe of the Rocky Boy's Reservation

Phone: (406) 395-4478 or 4210 - Finance Office
(406) 395-4282 or 4321 • Business
Committee

31 Agency Square
Box Elder, Montana 59521

February 15, 2018

Harlan Baker
Chippewa Cree Tribal Chairman
31 Agency Square
Box Elder, MT. 59521

RE: Chippewa Cree Tribe MLIA Grant Application Letter of Support

Dear Mr. Baker,

Chippewa Cree Tribe Water Resources Department supports the Chippewa Cree Tribe's request for grant funding from the Montana Land Information Act Grant program in order to develop and enhance GIS support regarding disaster and emergency operations and planning. This project aligns with the Constitution and By-Laws of the Chippewa Cree Tribe; to promote and protect the health, security, and general welfare of our community. This project will allow the Tribe to take steps toward innovative and effective flood mitigation efforts.

Sincerely,



Thomas Limberhand,
Chippewa Cree Tribe Water Resources
Environmental Protection PPG Coordinator

The Chippewa Cree Tribe of the Rocky Boy's Reservation

Phone: (406) 395-4478 or 4210 - Finance Office
(406) 395-4282 or 4321 - Business Committee

31 Agency Square
Box Elder, Montana 59521

February 15, 2018

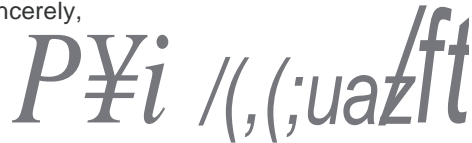
Harlan Baker
Chippewa Cree Tribal Chairman
31 Agency Square
Box Elder, MT. 59521

RE: Chippewa Cree Tribe MLIA Grant Application Letter of Support

Dear Mr. Baker,

Chippewa Cree Tribe Natural Resources Department supports the Chippewa Cree Tribe's request for grant funding from the Montana Land Information Act Grant program in order to develop and enhance GIS support regarding disaster and emergency operations and planning. This project aligns with the Constitution and By-Laws of the Chippewa Cree Tribe; to promote and protect the health, security, and general welfare of our community. This project will allow the Tribe to steps toward innovative and effective flood mitigation efforts.

Sincerely,



Joe Rosette
Chippewa Cree Tribe Natural Resources
Fish & Wildlife Officer

The Chippewa Cree Tribe of the Rocky Boy's Reservation

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(406) 395-4282 or 4321 - Business
Committee

31 Agency Square
801 Elder, Montana 59521

February 15, 2018

Harlan Baker
Chippewa Cree Tribal Chairman
31 Agency Square
Box Elder, MT. 59521

RE: Chippewa Cree Tribe MLIA Grant Application Letter of Support

Dear Mr. Baker,

Chippewa Cree Tribe Hazard Mitigation Office supports the Chippewa Cree Tribe's request for grant funding from the Montana Land Information Act Grant program in order to develop and enhance GIS support regarding disaster and emergency operations and planning. This project aligns with the Constitution and By-Laws of the Chippewa Cree Tribe; to promote and protect the health, security, and general welfare of our community. This project will allow the Tribe to take steps toward innovative and effective flood mitigation efforts.

Sincerely,



Richard MacDonald,
Chippewa Cree Hazard Mitigation Officer

MLIA GRANT BUDGET SUMMARY TABLE

MLIA GRANT BUDGET SUMMARY											
	MLIA Summary	Applicant Summary			Funding Partner Summary* All applicants will provide In-Kind Services.					Total: MLIA Share, Applicant Subtotal, Partner Subtotal	
Category	MLIA Share	Applicant Cash	Applicant In-kind	Applicant Subtotal	Funding Partner 1-SC	Funding Partner 2-HMO	Funding Partner 3-PPG	Funding Partner 4-FWO	Partner Subtotal		
a. Personnel	53,040		9,600	9,600		1,200	1,000	1,000	3,200		65,840
a. 1. Fringe Benefits @ .25	13,260										13,260
b. Travel/Transportation	5,000										5,000
c. Equipment	33,226		1,000	1,000							34,226
d. Supplies & Materials	10,000		1,000	1,000							11,000
e. Contractual to hire PM and PA's, see Personnel above.											
f. Other- Media Dissemination-Radio	1,000										1,000
Total	115,526		11,600	11,600		1,200	1,000	1,000	3,200		130,326

**Modify, add, or remove the funding partners column(s) as needed to define a clear budget*

SECTION 7 – RENEWABLE GRANT ACCOUNTABILITY

The Chippewa Cree Tribe received a MLIA grant in FY 12, which proposed to develop a GIS database of cultural sites and areas on the Rocky Boy's Reservation. The project met the following 3 goals:

1. Standardize Protocol in Identifying, Recording, and Mapping Data
2. Preservation and Storage of Information
3. Educate and Inform

Goals and Objectives, Tasks, Timelines, and Deliverables of the project were met on time and the grant was efficiently closed out. According to reports, progress and milestones were met, providing efficient and accurate information regarding cultural sites and areas throughout Rocky Boy's Reservation. There have been no major difficulties encountered and the project was a great stepping stone towards successful development and implementation of processes for identifying, preserving, and educating the community on cultural sites in the area.

Below is the link to the map location of our previous project.

<http://arcg.is/1D59rn>

SECTION 8 – AUTHORIZING STATEMENT

Authorizing Statement

I hereby certify that I have read the application and the information and all statements in this application are true, complete and accurate to the best of my knowledge and that the project or 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.

HARLAN BAKER

Name (print or type)

CCT-CHAIRMAN

Title (print or type)

H. Baker

Signature and Title of Authorized Representative(s) of Public Entity Applicant

2.14.18

Date