

**FOREST RESOURCE IMPROVEMENT ASSOCIATION  
MOUNTAIN PINE BEETLE PROGRAM  
CALL FOR PROJECT PROPOSALS**

**Reference Number:** FRIAA-MPB Oct 2011

**Published:** October 28, 2011

**Closing:** November 18, 2011

The Forest Resource Improvement Association of Alberta ("FRIAA") is inviting the submission of project proposals under the Mountain Pine Beetle Program (the "Program"). The following information outlines the intent of the Program and provides instructions to prospective applicants.

### **1.1 BACKGROUND**

FRIAA was established in 1997 to promote and initiate projects that enhance Alberta's forest resources. In keeping with this primary purpose, FRIAA is committed to the administration and delivery of the Program.

To date, 135 discrete MPB projects have been funded under this grant agreement. This Call for Proposals marks the first to be issued under this Program using a revised approval process. FRIAA is expecting that additional funds may be made available for projects that fall within specified Program objectives. These funds may be allocated to projects that are submitted under the Program, depending on the final amount available.

### **1.2 PROPOSAL REQUIREMENTS**

**This is a closed Call for Proposals and issued to FRIAA members.**

Proposals must be clear and well written and must concisely describe the components of the proposed project using the Program Proposal Requirements set out in Schedule "A" to this Call for Project Proposals. Proposals will only be accepted from FRIAA members.

### **1.3 PROPOSAL EVALUATION CRITERIA**

FRIAA will establish a review panel to evaluate all eligible project proposals submitted. Proposals will be evaluated on the basis of the Program Proposal Requirements, Schedule "A", and the Additional Criteria as set out in Schedule "B" and Appendices "A" and "B" respectively. Note: The review panel reserves the right to consider additional criteria in their evaluation of project proposals.

### **1.4 SUBMISSION PROCESS**

Project proposals must be submitted in one of the following manners:

1. Proponents may submit a single, unbound original copy accompanied by an electronic version on CD or USB drive. It must include a completed Proposal Summary - Application form and be sealed and enclosed in envelopes clearly marked as follows: FRIAA-MPB Oct 2011. Project submissions must be sent to:

Forest Resource Improvement Association of Alberta  
Box 11094  
Main Post Office  
Edmonton, AB T5J 3K4  
Attention: MPB Review Panel

2. Proponents may submit proposals electronically by email to the following address: [admin@friaa.ab.ca](mailto:admin@friaa.ab.ca). Only documents formatted in PDF or Microsoft Word will be accepted.

Submissions by fax or e-mailed directly to any FRIAA representative will not be accepted.

### **1.5 DEADLINE FOR PROPOSALS**

Only those project proposals received before the close of business at 4:00 p.m., local time as observed in the City of Edmonton, on **Friday, November 18 2011** will be accepted for evaluation. Project proposals received any time thereafter will not be accepted for evaluation.

FRIAA is not responsible for project proposals that are not received as the result of any courier or postal delivery service issues including disruptions, loss of postal service, the loss of a project proposal by the postal service or a delivery failure of any kind by any delivery service whatsoever. FRIAA is also not responsible for project proposals to are not received as the result of technological issues, attachment size of any other logistical barrier which may impede electronic submission.

The review panel will receive, evaluate and make recommendations on project proposals to the FRIAA Board of Directors. The Board of Directors will determine which of those project proposals will be accepted for funding.

Only those project proposals that will result in funds being expended directly on a specific project deliverable and undertaken by the applicant will be considered.

The Board of Directors is not obligated to accept any project proposal or give reasons for the selection or rejection of any project proposal or to allocate funds under the Program in respect of any project proposal. Any and all decisions made by the Board of Directors in respect of all project proposals, project selection and funding allocation are final and binding.

**Please note that by submitting a project proposal and signed application, the Applicant accepts and agrees to be bound by all of the terms and conditions set out in this Call for Proposals and that the applicant is the organization, company or individual that will be responsible for all aspects of the project and that the Applicant will enter into an agreement with FRIAA.**

**The Board of Directors will determine how much funding may be available for Mountain Pine Beetle Projects and will making allocations based on the available funding level.**

## **1.6 CONTACT INFORMATION**

Forest Resource Improvement Association of Alberta  
Box 11094  
Main Post Office  
Edmonton, Alberta. T5J 3K4.  
E-mail: [admin@friaa.ab.ca](mailto:admin@friaa.ab.ca)  
Fax: 780.429.4026  
Phone: 780.429.5873

**SCHEDULE "A"**  
**PROGRAM PROPOSAL REQUIREMENTS**

**1.1 PROPOSAL OVERVIEW**

- Indicate: "FRIAA-MPB Oct 2011".
- Indicate: Project title.
- Identify the applicant and also, if applicable, the individual that represents the applicant with respect to the proposal (name, title, relevant professional credentials, contact, phone number and address).
- Relevant background information of the applicant and any partners.
- Detailed site selection information and map of the project proposal area.
- Complete and sign the enclosed Proposal Summary Application form. Signing the Proposal Summary Application form binds the applicant to the attached terms and conditions.

**1.2 REQUIRED INFORMATION**

- Description of the proposed project's objectives in relation to the Priority Rankings for Eligible Activities, Schedule XX.
- Description of methods and project plan.
- Description of activities.
- Description of areas to be treated.
- Description of what has been done by the applicant to date by way of a review to assess the soundness of the project methodology and plan.
- Description of funding requested and overall budget. All costs must be in accordance with Appendix "A", Scope of Eligible Activities and Costs/Funding Caps.
- Description of the project management, particularly descriptions of the measurements in place to ensure the project is completed on time and who is responsible.
- Description of the requirements for permits, licenses or other authorization to carry out the work and what will be done to obtain the authorization including work completed to date to secure required permits, licenses and authorizations.
- Description of impacts on other resources or users and (if applicable) referral to impacted stakeholders.
- Description of anticipated project results.
- Description of anticipated project outcomes.

**1.3 REQUIRED SCHEDULES**

- Progress reporting schedule.
- Proposed payment schedule (to be proposed on the basis of activities to be carried out).
- Work schedule/work plan.

NOTE: Project proposals must closely follow the outline of proposal requirements set out above. If specific items or sections do not apply to the proposal, an indication of "Not Applicable" is suggested within the body of the proposal under the pertinent section.

**SCHEDULE "B"**  
**ADDITIONAL CRITERIA**

Project proposals must be submitted with the Program Application form and adhere to the Terms and Conditions of the Program. Specific attention should be given to the following items:

1. Description of funding requested and overall budget. All costs must be in accordance with Appendix "A", Scope of Eligible Activities and Costs/Funding Caps.
2. The project proposal must not be contrary to the objectives of FRIAA, the bylaws, or the provisions of relevant regulations or legislation.
3. The project proposal must not, in the opinion of FRIAA, have a significant adverse impact on other forest resources or the environment as a whole.
4. The project proposal must be an eligible activity or be made up of eligible activities. Eligible activity has the meaning set out in the Program Requirements being Schedule "A" of the Terms and Conditions of the Program. Any activities related to the following items are not considered eligible for funding:
  - a) facility construction, improvement or operations,
  - b) product research and development,
  - c) road construction, repair and maintenance,
  - d) the purchase of any capital assets.
5. FRIAA may take into consideration the applicant's experience in performing such projects, the availability of resources to the applicant, whether the applicant has in the past complied with the Forest Resources Improvement Regulation and other requirements and obligations as determined by FRIAA including making prompt payment of all required timber dues and FRIAA dues and fees.
6. All matters of administration and accountability for a project shall be the sole responsibility of the applicant.

**APPENDIX "A"**

Amended October, 2011

**SCOPE OF ELIGIBLE ACTIVITIES AND COSTS/FUNDING CAPS**

<b>1. AGGREGATION PHEROMONE USE</b>		
<b>Long Distance Dispersal Monitoring</b>	<b>Cost</b>	<b>Unit</b>
2-component tree bait	\$ 4.25	bait
Long Distance Dispersal Monitoring Plan	\$ 500.00	plan
Bait set up	\$ 120.00	site
Bait checks	\$ 100.00	site
Bait removal	\$ 100.00	site
Ground survey (around bait site) *	\$ 300.00	site
Interim report submission to Forest Health Officer	\$ 200.00	report
Reporting	\$ 500.00	project
<b>Containment Baiting</b>	<b>Cost</b>	<b>Unit</b>
2-component tree bait	\$ 4.25	bait
Containment baiting plan	\$ 500.00	plan
Bait set up	\$ 40.00	hectare
Bait removal	\$ 25.00	hectare
Reporting	\$ 500.00	project
<b>Log Yard Management</b>	<b>Cost</b>	<b>Unit</b>
Log yard management plan	\$ 500.00	project
Lindgren funnel trap	\$ 58.34	trap
Lindgren funnel trap lure (3-component)	\$ 6.72	lure
Lindgren funnel trap lure (terpinoline)	\$ 3.37	lure
Lindgren funnel trap stand (metal rebar)	\$ 50.00	stand
Set up, check and remove funnel traps/lures **	Refer to man-day cap table	
Survey of identified adjacent stands *	\$ 900.00	day
Reporting	\$ 500.00	project

<b>2. DETECTION SURVEYS</b>		
<b>Aerial Surveys</b>	<b>Cost</b>	<b>Unit</b>
Aerial Photography	Pre-approved by Department	project
Aircraft rental	Market rate	hour
Planning and data management	\$ 800.00	project
Survey manpower (2 person) *	\$ 575.00	day
Supervision (of contract or staff surveyors)	20% of manpower costs	project
Reporting	\$ 800.00	project
<b>Ground Surveys (concentric, r:value, and green:red ratio)</b>	<b>Cost</b>	<b>Unit</b>
Planning	\$ 800.00	project
Survey manpower *	\$ 250.00	site
Supervision (of contract or staff surveyors)	20% of manpower costs	project
Quality inspection *	\$ 675.00	day
Reporting	\$ 500.00	project
Aircraft rental	Market rate	hour

<b>3. SINGLE TREE CONTROL</b>	<b>Cost</b>	<b>Unit</b>
Ground Treatments *	\$110.00	tree
Quality inspection *	\$ 675.00	day
Reporting	\$ 500.00	project
Planning	\$ 800.00	project

<b>4. PROTECTION OF GENETIC TRIALS, ORCHARDS AND RESEARCH PLOTS</b>		
<b>Verbenone</b>	<b>Cost</b>	<b>Unit</b>
Site protection management plan	\$ 500.00	project
Verbenone	\$ 9.18	pouch
Verbenone set up and removal *	\$ 400.00	day
2-component tree bait	\$ 4.25	bait
Lindgren funnel trap	\$ 58.34	trap
Lindgren funnel trap lure (3-component)	\$ 6.72	lure
Lindgren funnel trap lure (terpinoline)	\$ 3.37	lure
Lindgren funnel trap stand	\$50.00	stand
Set up and removal of traps *	\$ 400.00	day
Reporting	\$ 500.00	project
Insecticide application	Provide cost breakdown to FRIAA	
Costs for monitoring/replacement of PSPs/ISPs	Pre-approved by FRIAA	

<b>5. SEED COLLECTION AND SEED ORCHARD EXPANSION</b>	<b>Cost</b>	<b>Unit</b>
Seed collection plan	\$ 500.00	project
Ground collection *	\$ 400.00	hectolitre
Aerial collection *	\$ 900.00	hectolitre
Processing	\$ 40.00	hectolitre
Testing	\$ 100.00	tree
Tree graft production/grafts planting	\$ 50.00	tree
Reporting	\$500.00	project

<b>6. REGIONAL PLANNING INITIATIVES</b>	<b>Cost</b>	<b>Unit</b>
Activities pre-approved by FRIAA	Pre-approved by FRIAA	

\* Cost listed as a guide for budget development, and is reflective of recent competitive bids received by the Department and past experience. Actual payment amount for these activities will be based on invoices provided to FRIAA, up to the cost cap.

\*\* Logyard management man-day cap table for determining maximum eligible costs for set up, check and remove funnel traps/lures:

<b>Activity</b>	<b>Days/trap</b>
Setup	0.03
Setup (satellite yard)	0.05
12 Collections	0.12
12 Collections (satellite yard)	0.16
Take-down	0.03
Take-down (satellite yard)	0.05

**APPENDIX “B”**  
**Amended September, 2011**  
**Priority Rankings for Eligible Activities**

This table outlines the Department’s management priorities related to the eligible activities listed in Appendix “A” of the FRIAA MPB Program Grant Agreement.

This information is intended to guide the ranking of proposals submitted to the project proposal review team.

**Table 1.0**

Eligible Activities	Leading Edge	Holding	Inactive Holding	Other Areas
<b>1. Aggregation Pheromone Use</b>				
Long distance dispersal monitoring	N/A	N/A	N/A	M
Containment baiting *	Priority determined by MPB DSS			N/A
Log yard management	H	M	N/A	H
<b>2. Detection Surveys</b>				
Aerial surveys (human observer)	H	H	L	L
Aerial surveys (photography)	H	H	M	L
Ground surveys *	Priority determined by MPB DSS			N/A
<b>3. Single tree control *</b>				
	Priority determined by MPB DSS			N/A
<b>4. Protection of genetic trials, orchards and research plots **</b>				
	H	H	H	H
<b>5. Seed Collection and Seed Orchard Expansion ***</b>				
Pine seed collection	M	H	H	L
Spruce seed collection	L	L	M	L
Pine seed orchard expansion	H	H	H	M
<b>6. Regional Planning Initiatives</b>				
	Priority assessed by project proposal			

- H = High priority activity
- M = Moderate priority activity
- L = Low priority activity
- N/A = Activity not supported by Department strategy or not applicable

\* Priority for operational control related activities determined by *MPB Priority Decision Support System*

\*\* Priority further determined by the *Mountain Pine Beetle Management Plan for Genetics and Tree Improvement Seed Orchards, Field Trials and Conservation Seed Collections*.

\*\*\* Priority further determined by the *Forest Operations Seed Zone Priorities*