

**Forest Resource Improvement Association of Alberta  
Box 11094  
Main Post Office  
Edmonton, AB T5J 3K4**

**REQUEST FOR PROPOSALS**

**REFERENCE: FRIAA-MPBP February 2021**

**FRIAA MOUNTAIN PINE BEETLE CONTROL PROGRAM**

**Forest Resource Improvement Association of Alberta**

<b>Issue Date:</b>	<b>February 19, 2021</b>
<b>Closing Date/Time:</b>	<b>March 18, 2021 - 16:00 hrs</b>
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## 1. INTRODUCTION

- 1.1 The Forest Resource Improvement Association of Alberta (“**FRIAA**”) was established in 1997 to promote and initiate projects that enhance Alberta’s forest resources. In keeping with this primary purpose, FRIAA entered into a Grant Agreement with the Minister of Agriculture and Forestry (“**AAF**”) to deliver the FRIAA Mountain Pine Beetle Program (“**MPBP**”).
- 1.2 The purpose of the MPBP is to:
- (a) maintain and enhance the forest resources of Alberta by assisting AAF in the control, suppression and eradication of the Mountain Pine Beetle; and
  - (b) encourage activities that are above and beyond required forest management functions.
- 1.3 FRIAA is inviting the submission of project proposals (“**Proposals**”) under the MPBP. The following information outlines the intent of this request for proposals (“**RFP**”) and provides instructions to prospective applicants.
- 1.4 Applicants are advised to pay careful attention to the information provided in this RFP. Failure to satisfy any term, condition or requirement of this RFP may result in rejection of the Proposal.

## 2. PROPOSAL REQUIREMENTS

- 2.1 This RFP is open to any FRIAA member. Non-members are not eligible, however applicants that are FRIAA members may choose to engage others in proposing and delivering MPBP projects.
- 2.2 Proposals must be clear and well written and must concisely describe the components of the proposed project including each of the program proposal requirements set out in subsections 2.3, 2.4 and 2.5 below (collectively “**Program Proposal Requirements**”).
- 2.3 Proposal Overview
- (a) Indicate: “FRIAA-MPBP February 2021”.
  - (b) Indicate: Project title.
  - (c) Describe the forest management unit or geographic area covered by the project.
  - (d) Describe the activities to be undertaken by the project that directly relate to the description of the MPBP set out above in Section 1 of this RFP and the Program Outline (“**Program Outline**”) referred to in Section 4 of this RFP (indicate all that apply to the Proposal). Note that separate Proposals should be submitted for each different project or different management unit or geographic area unless the Eligible Activities are dependent on each other for the proposal to be successful.
  - (e) 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).
  - (f) Provide relevant background information of the applicant and any partners.
  - (g) Provide detailed site selection information and a map of the project proposal area.
  - (h) Complete and sign the enclosed Proposal Summary Application form.

**2.4 Required Information**

- (a) Description of the proposed project.
- (b) Description of methods and project plan.
- (c) Description of the activities to be undertaken in connection with the proposed project, measurable deliverables and timing and proposed costs of these activities.
- (d) Description of funding requested and overall project budget and, if applicable, other funding sources that will contribute to the overall budget. Proposed costs for activities must contain adequate detail (e.g. unit costs and estimated number of units) to allow for assessment that they are transparent, competitive and consistent with value for money principles.

**Note:** all costs should be in accordance with principles outlined in Appendix “A” - Scope of Eligible Activities and Costs/Funding Guide.

- (e) Description of the project management, particularly descriptions of the measurements in place for quality control and to ensure the project is completed on time, on budget and who is responsible.
- (f) Description of impacts on other resources or users and (if applicable) referral to impacted stakeholders and feedback from referrals.
- (g) Description of anticipated project results and, more specifically, how these results will address the purposes of the MPBP as outlined in the Program Outline and Section 1 of this RFP.
- (h) Description of permits, licences and authorizations that are required from AAF or other entities in order to undertake the proposed project and detail in regard to the approval status of these documents or the process that the applicant will undertake to obtain approval prior to commencement of the project.
- (i) Description of anticipated project outcomes.

**2.5 Required Schedules**

- (a) Work schedule/work plan.
- (b) Progress reporting schedule linked to milestones or outcomes described in the work schedule/work plan.
- (c) Proposed payment schedule linked to progress reporting schedule.

NOTE: 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.

**3. PROPOSAL ADJUDICATION CRITERIA**

- 3.1 FRIAA will establish a MPB Review Panel (“**Panel**”) to evaluate all submitted and eligible Proposals. The Panel will rank Proposals on the basis of the Proposal Requirements and the additional criteria as set out below:

- (a) The Proposal must contemplate the carrying out of one or more Eligible Activities (as defined in the Program Outline).
- (b) Any activities related to the following items are not considered eligible for funding:
  - (i) facility construction, improvement or operations;
  - (ii) product research and development;
  - (iii) road construction, repair and maintenance;
  - (iv) the purchase of any capital assets; and
  - (v) a project carried out prior to project approval unless, in FRIAA's sole opinion, it is justified for operational circumstances.
- (c) The expenses set out in the Proposal must be reasonable in all the circumstances and must not exceed the fair market value of the goods and services being provided.
- (d) The Proposal must demonstrate that the applicant is able to complete the project economically and efficiently, and in so determining, FRIAA may take into consideration the following:
  - (i) The applicant's proximity to the location of the proposed project;
  - (ii) The applicant's experience in performing such projects;
  - (iii) The resources available to the applicant; and
  - (iv) Whether the applicant has, in the past, complied with applicable federal or provincial legislation.
- (e) The Proposal must not involve work that will have a significant adverse impact on other forest resources or the environment as a whole and the applicant must agree to carry out the proposed project in an environmentally responsible manner.
- (f) The Proposal must not be contrary to the provisions of relevant regulation or legislation or the objects of FRIAA, or FRIAA's bylaws and the project must not include any work that is, in the opinion of FRIAA, a responsibility of a timber disposition holder or constitutes a subsidy to the forest industry.

3.2 Any approvals are subject to availability of funding.

#### **4. FRIAA MOUNTAIN PINE BEETLE PROGRAM OUTLINE**

The full text of the Program Outline for MPBP is available on [FRIAA's website](#).

#### **5. LEGAL NOTICE**

- 5.1 By submitting a Proposal, you confirm that you have read, understand and accept the information contained in this RFP and, that each of you, the applicant and all individuals and entities that collaborate or are otherwise involved in the preparation of the Proposal or the delivery of the proposed project ("**Project Partners**") agree as follows:

- (a) FRIAA may at any time withdraw, suspend, cancel, terminate, amend or alter all or any portion of this RFP, including but not limited to the Program Proposal Requirements, the Proposal process and the Proposal adjudication criteria.
- (b) FRIAA reserves the unqualified right to accept or reject any or all Proposals for any reason. FRIAA is not required to accept any Proposals nor is it required to accept any Proposal recommended for funding by the Panel.
- (c) The recommendation with respect to Proposals rests solely with the Panel. The Panel's evaluation of the Proposals may be based on, but is not in any way limited to, the criteria set out in this RFP. The Panel may consider any criteria determined by FRIAA to be relevant to FRIAA's mandate, regardless of whether such additional criteria have been disclosed to the applicant.
- (d) No conduct, act or omission of FRIAA, or its directors, officers, consultants, project advisors, agents, servants and their respective successors and assigns (collectively the "**FRIAA Parties**") other than a written notice to the applicant in writing signed by an authorized person for FRIAA, will constitute an acceptance of a Proposal.
- (e) Proposals that do not comply with the requirements described in this RFP may be rejected in whole or in part or not considered. FRIAA reserves the unqualified right to accept or reject a non-compliant Proposal.
- (f) This RFP is an invitation for Proposals only. It is not an offer and the submission of a Proposal does not create a contract or agreement of any kind between FRIAA and the applicant.
- (g) Acceptance of a Proposal does not create a binding contract between FRIAA and the applicant. FRIAA shall not be obligated in any manner whatsoever to any applicant until a written agreement between FRIAA and the applicant ("**Project Grant Agreement**") has been duly executed relating to an approved Proposal.
- (h) As between the parties, the Proposal and all documents and materials you submit to FRIAA in connection with the Proposal and this RFP and all intellectual property in and to the foregoing are the exclusive property of FRIAA immediately upon delivery to FRIAA. For clarity, this refers to the materials themselves, not to any technology or innovations disclosed or discussed in them. Intellectual property developed during the course of the project will be addressed through the Project Grant Agreement and will normally be owned by the applicant.
- (i) You, the applicant and any Project Partners will keep this RFP confidential and will not use, reproduce or distribute it, any portion of it, or any data, information, drawings, or specifications included in or provided with it except as necessary to prepare a Proposal to FRIAA in response to it or to apply for additional third party funding for the project.
- (j) You, the applicant and any Project Partners will not make a claim against FRIAA or the FRIAA Parties for any reason whatsoever relating to this RFP. You are undertaking the expenditures required to prepare and submit a Proposal entirely at your own risk, and you waive any right and release FRIAA and the FRIAA Parties from any claim or recovery for costs, expenses, or damages incurred in connection with this RFP or any Proposal prepared in response to it, whether such right or claim arises in contract, negligence or otherwise.
- (k) FRIAA takes no responsibility for the accuracy of the information supplied during this RFP process by FRIAA or the FRIAA Parties.

- (l) Neither FRIAA nor any of the FRIAA Parties will have any liability whatsoever to you, the applicant, or any Project Partners, or any of them, in connection with this RFP or any Proposal prepared in response to it.
- (m) Upon acceptance of a Proposal by FRIAA, the applicant will be required to enter into a Project Grant Agreement with FRIAA, on substantially the same terms and conditions contained in the Project Grant Agreement attached hereto.

## 6. PROPOSAL SUBMISSION PROCESS

- 6.1 Proposals must be identified as follows: Project Proposal for the FRIAA Mountain Pine Beetle Program: FRIAA-MPBP February 2021.
- 6.2 Proposals can be submitted using one of the following methods:
  - (a) Applicants may submit Proposals electronically by email to the following address: [admin@friaa.ab.ca](mailto:admin@friaa.ab.ca). Proposal submissions must use the Proposal Template and be formatted in PDF or Microsoft Word to be accepted.
  - (b) Applicants may submit a single, unbound original copy accompanied by an electronic version (in PDF or Microsoft Word) on USB drive. Proposal submissions must use the Proposal Template and be sealed and enclosed in an envelope clearly marked as per Section 6.1. Submissions must be sent to the Forest Resource Improvement Association of Alberta:
    - by mail to: Box 11094, Main Post Office,  
Edmonton, AB T5J 3K4  
Attention: FRIAA Administrator
    - by courier to: FRIAA c/o MNP LLP  
Suite 1600, MNP Tower,  
10235 - 101 Street NW  
Edmonton, AB T5J 3G1  
Attention: FRIAA Administrator
- 6.3 Proposals sent to any FRIAA or Government of Alberta representative will not be accepted.

## 7. DEADLINE FOR PROPOSALS

- 7.1 Only those Proposals received before the close of business at **4:00 p.m., local Edmonton time, on Thursday, March 18, 2021** will be accepted for evaluation. Proposals received any time thereafter will not be accepted for evaluation.
- 7.2 FRIAA is not responsible for 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 Proposals that are not received as the result of technological issues, attachment size or any other logistical barrier which may impede electronic submission.

8. APPENDIX “A” (as amended August 16, 2019)

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

The following table provides further detail on eligible activities and provides guidance in regards to reasonable costs for these activities based on FRIAA’s past experience and recent competitive bids received by the Department. This information is intended to provide a framework for development and review of proposed projects and is not intended to identify fixed costs for activities.

In all cases, the actual reimbursement for services will be according to the actual documented costs of providing those services. Reimbursement will be based on third party invoices, or where work is carried out in-house, applicable time sheets/cards indicating time spent on the project and wage rates charged to the project. In any cases where anticipated costs exceed the cost guidelines (on a metric unit basis), the rationale for these higher costs must be provided in the project proposal and must be pre-approved by FRIAA.

The “cost unit” column of this table is intended to serve as a reminder that costs guides based on other units are for guidance only and do not constitute fixed costs for purposes of billing. The “metric units” and “cost guide” columns are provided to demonstrate linkages between units actually tracked and productivity of those units in relation to historical cost guides and/or costs of final reports.

Activity/Sub-activity	Sub-activity Detail	Metrics Unit	Cost Unit	Cost Guide
<b>1. AGGREGATION PHEROMONE USE</b>				
<b>Long Distance Dispersal Monitoring</b>				
Proposal for FRIAA	1 proposal/project	plan	man-day*	\$500.00/plan
2-component tree bait	1 site of 3 baited trees/township	bait	bait	\$6.06/bait
Bait set up	approx. 7 sites/day	site	man-day*	\$120.00/site
Bait removal	approx. 7 sites/day	site	man-day*	\$100.00/site
Ground survey (modified concentric)	up to 75 m around bait station with attacked trees	hectare	man-day* (or sites)	\$500.00/site
Single tree control	mass attack trees (>40 hits/tree)	# trees	man-day* (or tree)	\$115.00/tree
Final outcomes report to FRIAA	1 report to FRIAA, data to AF	project	man-day*	\$500.00/report
<b>Containment Baiting</b>				
Proposal for FRIAA	1 proposal/project	plan	man-day*	\$500.00/plan
2-component tree bait	1 bait/season, stapled to tree 2 meters above ground	bait	bait	\$6.06/bait



Bait set up	1 bait 50 x 50 m grid (about 4 baits/hectare)	hectare	man-day*	\$40.00/ha
Bait removal	all of approx. 4 baits/hectare	hectare	man-day*	\$25.00/ha
Final outcomes report to FRIAA	1/project	plan	man-day*	\$500.00/man-day
<b>Log Yard Management</b>				
Proposal to FRIAA	1 proposal/project	plan	man-day*	\$500.00/plan
Lindgren 12/16 funnel trap	3 traps/stand	trap	trap	\$75.00/trap
Trap 3-component lure	1 lure/season	lure	lure	\$7.09/lure
Trap terpinoline lure	1 terpinoline lure change/season	lure	lure	\$2.89/lure
Trap stand	3 traps 1 m apart 6' above the ground	stand	stand	\$70.00/stand
Set up, monitor, remove <u>mill yard</u> traps	stands 50 m apart, 75 m from log deck, check up to 16 times/season	trap	man-day*	\$41.00/trap/season
Set up, monitor, remove <u>satellite yard</u> traps	stands 50 m apart, 75 m from log deck, check up to 16 times/season	trap	man-day*	\$69.00/trap/season
Ground survey of identified adjacent stands	walk through assessment up to 100 m from traps (once/season)	hectare	man-day*	market rate
Single tree control	cut, buck, burn attacked trees (>40 hits/tree)	# trees	tree or (man-day*)	\$115.00/tree
Final outcomes report to FRIAA	1/project	plan	man-day*	\$500.00/man-day
<b>2. DETECTION SURVEYS</b>				
<b>Aerial Surveys</b>				
Planning and data management	1/project	plan	man-day*	\$800.00/man-day
Aerial Photography for area	submit for review in project proposal	photo	photo	market rate
Aircraft rental	submit for review in project proposal	hour	hour	market rate
Survey manpower (2 person)	navigator, tally person	linear km (or ha)	man-day*	market rate
Supervision (of contract or staff surveyors)	about 20% manpower costs		man-day*	market rate

Final outcomes report to FRIAA	total # and location attacked trees	project	man-day*	\$800.00/report
<b>Ground Surveys (concentric, r:value, green:red ratio)</b>				
Proposal to FRIAA	1/project	plan	man-day*	\$800.00/plan
Survey manpower	50 m circle plots (2 Ha) @ initially one per location	hectare	man-day* (or plot)	\$345.00/plot
Quality inspection (man-day)	minimum 15% of sites		man-day*	market rate
Supervision (of contract or staff surveyors)	about 20% manpower costs		man-day*	market rate
Aircraft rental	project		\$/hour	market rate
Final outcomes report to FRIAA	1/project	plan	man-day*	\$500.00/man-day
<b>3. SINGLE TREE CONTROL</b>				
Proposal to FRIAA	1/project	plan	man-day*	\$800.00/man-day
Ground treatments	cut, buck, burn, or chip	# trees	tree or (man-day)	\$115.00/tree
Quality inspection	15% of surveyed sites	site	man-day*	market rate
Aerial Scanning	# & location of sites visited	hour	\$/hour	market rate
Final Outcomes Report to FRIAA	1/project	plan	man-day*	\$500.00/man-day
<b>4. PROTECTION - GENETIC TRIALS, ORCHARDS, RESEARCH PLOTS</b>				
Proposal to FRIAA	1/project	plan	man-day*	\$500.00/man-day
Verbenone pouches	1 pouch per 15 x 15 m grid (70 pouches/ha)	pouch	pouch	\$9.40/pouch
Pouch set up and removal <u>orchard</u>	attach north side tree 15 x 15 m grid	pouch	man-day*	\$1.40/pouch
Pouch set up and removal <u>trial sites</u>	attach north side tree 15 x 15 m grid	pouch	man-day*	\$3.50/pouch
2-component tree bait	1/season	bait	bait	\$6.06/bait
Lindgren 12/16 funnel trap	1 - 4 traps/orchard, >50 m from orchard boundary	trap	trap	\$75.00/trap

Trap 3-component lure	1/season	lure	lure	\$7.09/lure
Trap terpinoline lure	1 change/season	lure	lure	\$2.89/lure
Trap stand	3 traps 1 m apart 6' above ground	stand	stand	\$70.00/stand
Set up, monitor, removal of traps	monitor up to 16 times/season	trap	man-day*	\$41.00/trap
Insecticide (Sevin)	2% solution applied to each tree	litres	\$/litre	\$19.00/litre
Insecticide application	apply to lower 2.5 m of each tree	# trees	tree or man-day*	\$6.00/tree
Monitoring/replacement of PSPs/ISPs			man-day*	\$500.00/man-day
Final outcomes report to FRIAA	1/project	plan	man-day*	\$500.00/man-day
<b>5. REGIONAL PLANNING INITIATIVES</b>				
Activities as approved by FRIAA	project	plan	man-day*	\$500.00/man-day

\* Cost per man-day are “loaded” costs including vehicle and field equipment. All costs at market value as determined by level of staff experience required and distance to staging point with rationale provided in the proposal.

**Note:** market value of man-day costs in isolation of expected productivity for those man-days does not provide much guidance on expected costs; comparison to “cost guide” is intended to provide linkages to historic program costs.