



Forest Enhancement Society of British Columbia

Project Funding Application – 2018

1.0 APPLICANT INFORMATION

Lead Proponent: Name of organization: Provincial government, local government, First Nation government, area based tenure holder	Lead: Columbia Woodlot Association (CWA), representing Woodlot Licensees in the Golden and Invermere TSA's; Partners: Town of Golden; CSRD Regional District A Other Tenure Holders: Louisiana Pacific-Golden, Canfor- Radium Division.
Contact Person:	Brian Amies, RPF
Title:	President, CWA
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Date of Application:	November 30, 2018

2.0 PROJECT INFORMATION

Project Name:	Columbia-Golden Wildland Urban Interface Fuel Management and Fire Risk and Hazard Reduction: Planning, Assessment and Treatments Columbia-Golden WUI Fuel Mgt and Fire Risk and Hazard Reduction
Project Location: FLNR Area/Region/District/Timber Supply Area	FLNRORD Southern Interior Forest Region, Selkirk Forest District, Golden and Invermere Timber Supply Areas, CSRD Regional District A, Town of Golden
Location Description: Project location using local geographic terms (e.g.; Sheep Creek watershed)	High Risk WUI Polygons around communities and private land in the Columbia Valley between Donald and Harrogate, BC
Eligible Work Category: Planning, Prescription Contracts, Consultation Contracts, Treatment Costs	Landscape Level Planning for Fire Risk and Hazard Reduction, Public, Stakeholder and First Nations Consultation; Assessments and Prescriptions for

	Treatment of High Risk Stands; Fuel Mitigation Treatments in High Risk Stands.
Project Area: Hectares or N/A	36,000 ha of Crown Land with over 4,000 ha identified as High or Extreme PSTA.
New Area: (See attached Table 1)	21,000 ha of forested Crown Land in the WUI surrounding high risk communities and Woodlot Licenses involved in the overview, landscape level planning, First Nations and stakeholder consultation phase; 4,200 ha of High or Extreme PSTA land to be assessed, laid out, mapped and prescriptions developed with licensee consultation and ready for treatment; 400-500 ha treated over 3 years.
Follow-up Treatment:	-
Maintenance:	-
Total FESBC Funding Request:	\$ 1,400,000 over 3 years

3.0 BRIEF DESCRIPTION OF THE PROJECT

Project Objectives:

- With the assistance of a Fire Management specialist, work with the local and regional government representatives (Town of Golden and CSRD Area A Director), major tenure holders (Louisiana-Pacific Golden, Canfor-Radium Division, BCTS, 20 woodlot licensees, First Nations and other stakeholders, identify and explore the various management options while considering other values and concerns (ie: existing obligations, cut control, private land adjacency, stocking standards, First Nations cultural values, water, visuals, forest health, etc.) to derive a suite of acceptable treatment options to meet the overall, fire mitigation objectives at the landscape level (fuel breaks to address large scale fires) and fuel management treatments at the stand and forest level;
- Explore potential market opportunities to utilize low value fibre and capitalize on FES BC incentives to transport material to potential markets;
- To ground-truth the existing analysis and mapping of PSTA categories and WUI polygons in the Columba valley between Donald and Harrogate (WUI P: Donald Blaeberry, Golden, Parson, Castledale), areas surrounding rural residential properties within the Regional District (CRSD Area A) and 20 woodlot licenses (some of the woodlots are within the identified WUI Polygons);
- Develop detailed fuel management prescriptions, consultation with licensees and First Nations - layout and map treatment areas and prioritize for treatment;

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- Complete treatments in order of priority while maximizing available funding optimizing the available resources;

Project Deliverables:

- For each of the identified High Risk WUI Polygons (or grouping), develop a landscape level fire management plan with full stakeholder involvement/participation;
- Ground truthing assessments for all areas classed as High or Extreme PSTA to determine actual class, actual fuel loading, qualitative and quantitative forest and vegetative community information, terrain concerns, risks and hazard assessments, treatment considerations;
- Development of prescriptions for fuel reduction and fire hazard mitigation with licensee consultation with appropriate field layout and mapping;
- Fuel reduction/fire hazard mitigation treatments.

4.0 FOREST ENHANCEMENT SOCIETY OF BC SELECTION CRITERIA

The identified WUI polygons include areas in close proximity to communities or rural residential properties where wildland-urban interface risks are most severe. One of the primary purposes of the FES BC is addressing fuel the fuel build-up, preventing and mitigating the impact of wildfires around high risk communities and rural residential properties. Fuel management /reduction treatments will have benefits beyond the mitigation of fire hazard within the Wildland Urban Interface including but not limited to: forest health, improving fibre utilization, improving stand value, wildlife habitat enhancement through increased browse, and improved range values.

The full funding for this project is requested from FESBC. This project has been discussed in general terms with the FLNRORD representative Julie Castonguay who has provided excellent support and encouragement.

All work proposed will be conducted on Crown land and will be incremental to tenure obligations.

5.0 PROJECT DELIVERY

The Columbia Woodlot Association has been active since 1996 and has successfully coordinated the delivery of numerous funding programs, including FIA, FRBC, etc between 1998 and present. CWA president, Brian Amies, RPF will provide overall project coordination, administration, liaison and reporting to Partners, Licensees and FES BC.

Phase 1 Overview Planning and Consultation. Forestry consultants, Fire Management Specialists, meeting facilitators and administrative assistants will be contracted to assist with some of the Phase 1 functions which will be skillset-specific and task-oriented work through a direct award process.

Phase 2 Assessments and Prescriptions will be contracted to qualified forestry consultants, Forest Licensees to conduct the field assessments, summaries, prescriptions, mapping and layout, through a competitive bidding process with a minor proportion contracted via direct award where applicable, cost effective and with a reasonable rationale.

Phase 3 Treatments will be contracted to qualified, Forest Safe Certified contractors through a competitive bidding process with a minor proportion contracted via direct award where applicable, cost effective and with a reasonable rationale.

Overhead and Administration will cover the costs of many of the office overhead, bookkeeping, tracking, filing reporting, contract preparation, advertising, award and day to management, quality assurance, meetings, travel and training. Work will be carried out or supervised by Brian Amies along with contracted accounting and administrative assistance.

6.0 PROPOSED ACTIVITIES, COSTS AND TIMELINES

See Attached Table 2 and Table 3

7.0 EXTERNAL PARTNERSHIPS

The Town of Golden, represented by Jon Wilsgard and the CSRD Region A, represented by Karen Cathcart, will be considered partners in the project, with full involvement in all phases of the project. Part of this project will be to assess opportunities for in-kind or partnership agreements.

8.0 VOLUME RECOVERY POTENTIAL

The potential for recovery of merchantable timber volumes is unknown at this point but is expected to form a significant component of overall volume of fibre to be addressed to manage fuel loading. Through the assessment phase, the opportunities to utilize harvesting under Cutting Permits (Industry Appraisal) to meet the fuel management and fire mitigation will be identified and will be a priority treatment option where possible.

It is expected that, as a result of the fuel management treatments, there will be significant volumes of low value, marginal value, under-utilized and potentially utilizable fibre. Such products include but are not limited to: firewood, post and rail material, pulp wood, decorative logs, other. All work proposed will be conducted on crown land and will be incremental to tenure obligations and any fibre resulting from these treatments will be sold via competitive processes and any proceeds will be used to fund additional treatments.

Both of our partners, the Town of Golden and the CSRD Region A director, have expressed a strong interest in exploring opportunities to identify under-utilized fibre availability and options for new processing or manufacturing facilities to utilize this fibre.

9.0 SUMMARY OF DEVELOPMENT STATUS

All woodlot licensees have approved Woodlot Licence Plans in place and Major Licensees have Forest Stewardship Plans in place.

10.0 OTHER

The following documents are submitted as part of this application:

CWA Golden FES Proposal Cost and Area Summary Tables.pdf This document includes the area and cost summary tables supporting this proposal.

WUI_RiskClass_36x48L_82N_SE.pdf This is a map of the entire Columbia Valley from Invermere to Donald and west Revelstoke, identifying the PSTA Threat Classes and the High Risk WUI Polygons.

CWA PSTA_WUI_RISK_CLASS Summary.xls This is an Excel spreadsheet with the following worksheets: the Tabular Summary of WUI Risk Class Map; the worksheet used to derive the Area and Cost Tables; Woodlot License Area Summary Worksheets used to derive areas of woodlots within the High Risk WUI Polygons.

Letter of Support from the Town of Golden;

Letter of Support from CSRD Region A Director.

Overview Planning, Ground-truthing assessments, Prescription Development and Fuel Reduction/Fire Hazard Mitigation treatments on High and Extreme Provincial Strategic Threat Analysis (PSTA) categories on Crown Land within high risk polygons surrounding the communities and high density rural residential areas, between Donald and Harrogate with the focus on the Town of Golden and Woodlot Licences.