

Full Proposal

Full Proposal Details
Full Proposal # :WR0000590
Full Proposal Status : FP Received

Project Information

Terms and Conditions

To review the terms and conditions click [here](#)

Project Information

Project Title:	Fuel Reduction on BCTS areas -	Project Country:	Canada
Primary Purpose:	Wildfire Risk Reduction	Project Location - State/Province:	British Columbia
Project Start Date	01/01/2019	Postal Code	V1L 6K1
Project Completion Date	12/31/2020		

Contact Information

Principal Contact Information

Principal Contact Name:	Genevieve Lachance	City	Nelson
Country	Canada	Postal Code	V1L 6K1
Province	British Columbia	Proponent's Organization	BCTS Kootenay Business Area
Contact Email	genevieve.lachance@gov.bc.ca	Contact Phone	250-825-1141
Contact Address	1907 Ridgewood road		

Project Details

Project Description

Full Proposal Number	WR0000590
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Selkirk District
Management Unit:	TSA 13 Kootenay Lake
Project Site Location:	There are two locations for this project. Kokanee Creek and Smallwood Creek. Kokanee Creek is on the West Arm of Kootenay Lake located approximately 20km north of Nelson. There will be two areas to assess at this location. The first, called WAE-015A, is a 40ha piece that is linked to a proposed TSL on Bradley Creek. Travel up Kokanee Glacier Road roughly 2.5km, passing Kokanee Mountain Zipline, at the switchback, take a right onto Bradley Creek FSR. Continue straight on Bradley FSR for approx. 2km to WAE-015A. The second piece is an adjacent 80ha parcel of Crown land directly south of WAE-015A. Smallwood Creek is approximately 14km west of Nelson. Three areas are proposed in this location. The first, SMA-016A, is roughly 8ha in size and is located 1.8km up Smallwood FSR. The second, SMA-15-55, is located 1km up Garrity FSR (at 2km on Smallwood take a left onto Garrity FSR) and is a 21ha parcel. The third area, RSMA-017, is a larger 56ha piece. At 2.1km up Garrity FSR take a left onto Garrity 1000 until you reach the end of the road. This is the access point to RSMA-017. All areas except for WAE-015A are approx. areas . No Assessments or Layout have been completed.
UTM Zone	11N
UTM Easting	
UTM Northing	
Location Map and Spatial Data File Attachment	Smallwood_Overview_Map_10000.pdf Smallwood_Fire_Threat_Map_10000.pdf Kokanee_Overview_Map_5000.pdf Kokanee_Fire_Threat_Map_5000.pdf
BEC Variant(s):	ICHxw and ICHdw1

Project Description:	<p>This project is requesting funds only for incremental work needed to complete fuel mitigation/reduction. The proposal will involve some over story removal under BCTS TSL, some mechanical treatment and some hand treatment. It is a multiyear project to allow enough time for planning, consultation, layout, cruising, completion of all assessments, road building, prescription development, treatments and reports. The Kokanee and Smallwood areas have many resources at play such as, Fir Bark Beetle, Armillaria Root Disease, Visuals, Consumptive Watersheds, Ungulate Winter Range, Bat Nursery Roosts, Migratory Birds and Recreation (Mountain Biking trails). KOKANEE: WAE-015A- requires a pre-harvest assessment of fuel loading of 40 ha, consultation is on-going, and planning and all other assessments are already completed, prescription finalization to harvest approx. 70% of the stand to reduce incident of Fir Bark beetle, reduce lateral and verical fuel and to retain fire resistant species, protection of syreams and important trees for maternity bat roost. The slopes are conducive for ground treatment to reduce most fuel loading after completion of harvest. Report of work completion and next monitoring will also be required. KOKANEE CROWN LOT requires: planning, consultation, reconnaissance of the 80 ha to see feasibility of treatment, accessibility, assessment of fuel hazard, timber type, terrain stability, hydrology, wildlife surveys, delineation of Treatment Units, prescriptions, treatments and report. This area will have a mosaic of proposed treatments from overstory removal/ mechanical treatment, hand treatment where access is impractical and no treatment . Report and next monitoring also needed. SMALLWOOD - SMA-016A, SMA-017 and SMA-15-55: all requiring: planning, consultation, reconnaissance of the 80 ha to see feasibility of treatment, accessibility, assessment of fuel hazard, timber type, terrain stability, hydrology, wildlife surveys, delineation of Treatment Units, prescriptions, treatments and report. This area will have a mosaic of proposed treatments from overstory removal/ mechanical treatment, hand treatment where access is impractical and no treatment . Report and next monitoring also needed.</p>
Project Keyword:	Incremental work to reduce fire hazard associated to BCTS harvesting
Attach Additional Information	WR0000590_cost_estimate.xlsx
Is an existing tenure already in place?	Yes
If no, then please identify the proposed tenures and/or authorities required to complete work.	This is within BCTS Chart AREA
Will your project create a silviculture obligation?	Yes
If yes, who will hold that obligation?	BCTS
Is this project located in the Wildland Urban Interface?	Yes

Project Activities and Objectives

Project Activities	Planning Surveys Prescriptions Overstory Removal Harvesting Development Fuel Management Treatments
FESBC Purposes	Wildfire risk reduction/mitigation Recovery of fibre (lumber, pulp, pellets, energy, etc.)
Describe how the project will achieve the specified purpose(s).	<p>Wildfire Risk Reduction/Mitigation: All work funds requested are incremental to BC Timber Sales legal obligations and will be used for fuel treatment for wildfire risk reduction and mitigation. According to the WUI risk class mapping, the specified areas in Kokanee are located within the High risk ranking class with some areas under the Crown Lot located in the Extreme risk class. The areas located in Smallwood contain mixed rankings, with SMA-016A being in risk class High, SMA-15-55 being Moderate, and RSMA-017 being Extreme. Both Kokanee Creek and Smallwood Creek project areas are adjacent to private lots containing infrastructure and consumptive water use. These values are at risk of wildfire threat due to their proximity to the high fuel hazard in the area. This project will achieve the specified purpose of reducing wildfire risk by removing high hazard fuels such as dead standing Douglas-fir, removing fire susceptible species like cedar, reducing crown closure, reducing surface fuels post-treatment, and by retaining fire resistant tree species. However, the Crown lot located in Kokanee will have an alternative treatment, with an emphasis on fuel reduction through manual hand treatment of the area as this area is not within BCTS operating area but still within BCTS chart area. The Crown lot will have additional support through close collaboration with Regional District of Central Kootenay (RDCK) . Recovery of Fibre: Reducing the crown closure in Smallwood and WAE-015A as well as removing the dead/beetle infested Douglas-fir will provide some fibre utilization from the area.</p>
Identify the repository for the final deliverables	BCTS
Utilization of Wood Fibre	
If applicable, indicate use of removed fibre or non-burning waste management practices.	Fibre removed from the area will be as per BCTS Timber Sale License obligations. Other opportunities for fibre utilization will be assessed pre-treatment.

Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	Project areas will be assessed pre-treatment to determine best practice for reducing residual fibre in order to reduce fuel hazard. Anticipate residual fibre being piled and burned or hand treatment if no access possible.
Will the treatment involve broadcast burning to create plantable spots?	No

Work Standards and Development Status

Applicable Work Standards:	In consultation with Wildfire Service of BC guidelines. FS1001- general standards.
Has a variance to the above listed standards been requested?	No
If yes, please describe the variance request.	
Where government work standards are not available, please upload an auditable workplan. A template can be downloaded in the application template section above.	
For reference, Ministry Activity Standards can be located at the following URL: http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/land-based-investment/forests-for-tomorrow. You can also find the link in the Information menu.	
First Nations information Sharing:	All these areas will be share with First Nations
Development Status:	All the areas will be harvested with a TSL
If available, please upload approved prescriptions and treatment maps for this project.	
Will this project (or a part thereof) be tendered?	Yes
If yes, please indicate the % of the project value tendered.	ALL
Is your company SAFE certified?	Yes
If you answered no to the above question, please describe how you will ensure safe working conditions for this project.	
Are any of the activities a legal obligation of a tenure.	No
If yes, then please explain how the project will manage the obligation separate from FESBC funding.	All funds requested are for incremental work not to fulfill a legal obligation.

Alignment with the Land Manager's Priorities.

For utilization projects submitted under Intake 5a, this section is not required.	
Explain how you have engaged with the appropriate government land manager to understand the Land Manager's priorities.	There has been engagement with the regional Integrated Investment Specialist for the Kootenay Boundary Region as well as RDCK, Nora Hannon to understand the Land Manager's Priorities. They are supporting this project.
Describe how the project aligns with the Land Manager's strategic planning and/or integrated investment planning.	There is collaboration on this project with the regional Integrated Investment Specialist for the Kootenay Boundary Region in order to align priorities of reducing wildfire risk in the WUI. See our map showing where the proposed areas align on the risk hazard.
Describe any feedback or concerns from the Land Manager.	Feedback from the Land Manager has been an encouragement to apply for FES BC funding based on risk rating as well as priority areas identified in CWPP.
Attach copies of any correspondence from the Forest District.	RE_ applying for FES money for areas aginast private land west arm and smallwood.pdf

Partnerships

Will this project be receiving funds from another organization?	No
If yes, summarize any contributions from other funding sources, including in-kind contributions.	
If applicable, describe how the project will coordinate with FFT or other initiatives within the Timber Supply Area.	This project is consistent with activities within the Timber Supply Area by reducing wildfire risk in the WUI while also providing fibre to local mills.
Describe any partnerships with another organization or agency?	Close collaboration with RDCK fire mitigation coordinator will be continued during this project.
Please upload any correspondence or supporting documentation.	
Is this a First Nations Organization?	No
Indicate if this proposal is being submitted on behalf of another organization. If so, then identify the organization and the proposed role of each organization for implementing the project.	We are submitting this proposal for BCTS
Indicate if the intended delivery of the project(s) will involve one or more other organizations. If so, then identify the organization(s) and the proposed role of each organization for implementing the project.	BCTS will not be delivering this program. BCTS will be looking at either RDCK or consultant to deliver.

Road Construction and Road Upgrades

Road Construction, including Road Upgrades	
Planned Road Construction Length (km)	
Planned Road Construction Width (m; if >20m)	
Biomass removed and burned from ROW (tonnes)	
Road Deactivation	
Will the road be reforested following deactivation?	
Planned Road Deactivation Length (km)	
Planned Road Construction Width (m)	
Please attach road development plan/ deactivation plan/ planting prescriptions	

Summary Report Attachments

Summary Reports	
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Project Cost And Funding

Total Project Funds

Total Funds Contributed by the Proponent	Total Funds Requested from the Program				
\$0.00	\$609406.00				

Planned milestone & task

	2018/19	2019/20	2020/21	2021/22	Total
Output Category					
Number of Reports	0.50	4.50	0.00	0.00	5.00

Treatment Area (ha)	0.00	20.00	106.00	80.00	206.00
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Funds Requested from FESBC

	2018/19	2019/20	2020/21	2021/22	Total
Start Date	01/01/2019	04/01/2019	04/01/2020	04/01/2021	
End Date	03/31/2019	03/31/2020	03/31/2021	03/31/2022	
Cost Category					
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Recipient Labour	\$2470.00	\$48676.00	\$0.00	\$0.00	\$51,146.00
Contracted Material/ Labour	\$0.00	\$50000.00	\$253935.00	\$213325.00	\$517,260.00
Equipment Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Project Supervision/ QA	\$0.00	\$4000.00	\$20000.00	\$17000.00	\$41,000.00
Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,470.00	\$102,676.00	\$273,935.00	\$230,325.00	\$609,406.00

Sources of Cash Funding *

Source Type	Name of Organization	Status	Amount
Amount Applied For	FESBC	Applied For	\$609,406.00
		Total:	\$609,406.00

Project Cost by Task

Activity *	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Planning	01/01/2019	03/31/2019	\$247.00	\$0.00	\$0.00	\$247.00
Prescriptions	04/01/2019	03/31/2020	\$48,676.00	\$0.00	\$0.00	\$48,676.00
treatments	04/01/2019	03/31/2020	\$54,000.00	\$0.00	\$0.00	\$54,000.00
Planning	01/01/2019	03/31/2019	\$2,470.00	\$0.00	\$0.00	\$2,470.00
Prescriptions	04/01/2019	03/31/2020	\$48,676.00	\$0.00	\$0.00	\$48,676.00
treatments	04/01/2019	03/31/2020	\$54,000.00	\$0.00	\$0.00	\$54,000.00
treatments	04/01/2020	03/31/2021	\$273,935.00	\$0.00	\$0.00	\$273,935.00
treatments	04/01/2021	03/31/2022	\$230,325.00	\$0.00	\$0.00	\$230,325.00
					Total:	\$712,329.00

Project Status

Project Status

FP status:	FP Received
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Change History

Change History

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FP Status	User	Date
Draft FP	Genevieve Lachance	11/29/2018 12:31:48 PM
Draft FP	Genevieve Lachance	11/29/2018 12:37:54 PM
Draft FP	Genevieve Lachance	11/29/2018 12:43:00 PM
Draft FP	Genevieve Lachance	11/29/2018 02:43:00 PM
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