Full Proposal

Full Proposal Details

Full Proposal # :WR0000536

Full Proposal Status : FP Received

Project Information

Terms and Conditions

To review the terms and conditions click here

Project Information

Project Title:	Procter Fuel Treatment implementation
Primary Purpose:	Wildfire Risk Reduction
Project Start Date	07/01/2019
Project Completion Date	03/31/2022

Project Country:	Canada
Project Location - State/Province:	British Columbia
Postal Code	V0G 1V0

Contact Information

Principal Contact Information

Principal Contact Name:	Erik Leslie, RPF
Country	Canada
Province	British Columbia
Contact Email	ErikL@netidea.com
Contact Address	P.O. Box 5

City	Procter
Postal Code	V0G 1V0
Proponent's Organization	Harrop-Procter Community Co-operative
Contact Phone	250 505 3311

Project Details

Project Description

Full Proposal Number	WR0000536
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Selkirk District
Management Unit:	Community Forest
Project Site Location:	West Procter Face, 1km south of Village of Procter. At 1km on the Narrows Creek Road (top of Victor Road)
UTM Zone	11N
UTM Easting	502600
UTM Northing	5495000
Location Map and Spatial Data File Attachment	2017_FES_Application_Map_85x11_Ortho_Base_V2.pdf West Procter highgrade rehab 140ha.kmz
BEC Variant(s):	ICHdw1
Project Description:	This is a fuel reduction project that will significantly reduce fuel loads immediately south of the Village of Procter. This area was identified in the RDCK Area 'E' CWPP as a top priority for fuel reduction. This area has also been identified by the RDCK Collaborative Planning Group as a top priority. (RDCK Wildfire Mitigation Supervisor Nora Hannon has provided a letter of support). This area was heavily highgraded in the 1980's and has since regenerated with a very dense hemlock and cedar understory (over 6000 sph). There is some merchantable sawlog and conventional pulp volume but the area is not economic due to relatively low volumes, predominantly hemlock / pulp, and very high understory densities. FES has already funded prescription work for this area. The fuel management prescriptions are currently being developed and will be available in early 2019. Several priority treatment units have been delineated and prioritized for treatment. These priority treatment units form the basis for the current application for implementation funding. HPCC is proposing to undertake a mechanized fuel reduction treatment that would primarily

	remove small diameter hemlock and cedar while leaving predominantly healthy Douglas-fir, larch, and deciduous species. HPCC would sell all the pulp to Celgar in Castlegar, including down to a 1" top (this has been discussed with Celgar who have written a letter of support for this project). By removing and selling non-conventional small diameter pulp (including Grade 6 logs), we will maximize recovered volumes and significantly reduce burning of debris. The primary activities under the project would include mechanized logging/ thinning (including falling, skidding/ forwarding, processing, sorting and decking), log hauling, and post-treatment cleanup to remove surface and ladder fuels to a WUI standard. HPCC is willing to contribute 100% of the log/ pulp sale revenue to the project as log as our direct administrative costs are covered. We are willing to commit a significant percentage of our AAC to the project despite receiving no revenue to cover our business overhead. Based on our initial budget worksheet (attached, with list of assumptions), log/pulp sales should be able to pay for 73% of project costs. We are applying for FES funding for the remaining 27% of project funds.
Project Keyword:	Procter
Attach Additional Information	current stand1.jpg current stand2.jpg current stand3.jpg Celgar Letter of Support Nov2018.pdf BCCFA Letter of Support November 26 2018.pdf HPWPS letter of support FES Nov2018.pdf RDCK FESBC_NOV2018_HarropProcter.pdf Project budget worksheet with assumptions 28Nov.xlsx
Is an existing tenure already in place?	Yes
If no, then please identify the proposed tenures and/or authorities required to complete work.	Area based tenure in place. Cutting permit will be required.
Will your project create a silviculture obligation?	No
If yes, who will hold that obligation?	
Is this project located in the Wildland Urban Interface?	Yes

Project Activities and Objectives

Project Activities	Fuel Management Treatments Biomass Utilization Thinning Trucking
FESBC Purposes	Wildfire risk reduction/mitigation Wildlife habitat enhancement Rehabilitation of fire damaged or low value stands Recovery of fibre (lumber, pulp, pellets, energy, etc.) Opportunities to attain carbon benefits
Describe how the project will achieve the specified purpose(s).	Project will reduce wildfire risks by significantly reducing fuel loading in a critical interface area. Surface and ladder fuels will be removed and the overstory will be thinned. Project will rehabilitate a low value stand that was heavily highgraded in the 1980's. The highgrading left poor health and poor quality hemlock and has regenerated heavily to hemlock, although cedar, Douglas-fir, larch, white pine, lodgepole pine, birch and aspen as also present. This is a high productivity growing site that will grow thrifty Douglas-fir and larch once thinning is completed. Project will recover sawlogs and pulp. Small diameter pulp will be removed from site and sold. Project includes carbon benefits because a significant volume of low value pulp/ biomass will be removed from site instead of burned. (Currently HPCC is not selling pulp because it is not economic to do so. Pulp prices are too low and hauling costs too high to support pulp sales.) Grade 4 and Grade 6 (undersize) logs will be utilized instead of burned. Note that this stand must be thinned due to the current extreme fire hazard in this critical WUI area. Project will also enhance wildlife habitat. Tyson Ehlers, RPBio has conducted an initial field review of the area and has stated the following in relation to this project: "The project area is a large tract of relatively homogenous forest type on a cool aspect in the West Kootenay Dry Warm Interior Cedar- Hemlock (ICHdw1) biogeoclimatic variant. The current forest condition features a dense pole-sapling understory as a result of historic fires and high-grade logging. By removing much of this suppressed understory and creating more open stands favouring larger trees, this will help restore mature and older-growth forest structural conditions and emulate natural disturbance patterns in the area. Important wildlife habitat features will be maintained, including deciduous and larger trees, and large woody debris. Opening up the stand will increase the effectiveness of wildlife habitat by creating edge-effect and a more heterogeneous stand structure. It can be expected to improve mobility and forage for large mammals including ungulates and bears, as well as for birds of prey. Maintaining large woody debris will be beneficial to reptiles, amphibians, and small mammals."
Identify the repository for the final deliverables	RESULTS
Utilization of Wood Fibre	

If applicable, indicate use of removed fibre or non-burning waste management practices.	Removed fibre will be sold as sawlogs and pulp, as described above. Grade 4 and Grade 6 logs will be sent to pulp mill and not burnt.
Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	High utilization of poor quality and small diameter trees will lead to relatively low levels of residual fibre. Some residual fibre that cannot be utilized for pulp will be left on site to decay. However significant accumulations that cannot be left on site due to fire hazard will likely be piled and burned.
Will the treatment involve broadcast burning to create plantable spots?	No

Work Standards and Development Status

Applicable Work Standards:	FS1001 - General Standards for Ministry Funded Programs Effective June 2012 https://www.for.gov.bc.ca/ftp/hfp/external/!publish/FIA%20Documents/Standards/FS1001.pdf
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:	Information has been shared with First Nations. No comments received. District Manager has accepted FN info sharing for prescription development.
Development Status:	Area is in Harrop-Procter FDU under HPCC's FSP. A Cutting Permit will be required to implement this project.
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.	Estimate 70%
Is your company SAFE certified?	No
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.	

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.	HPCC has engaged extensively with FLNRORD through the RDCK- and FLNRORD-led WUI Collaborative Planning Group. Meetings have been ongoing for approximately 2 years. This project was initially put forward under an initiative of the Collaborative Planning Group and has the support of the Group. HPCC has also engaged with Mike Morrow, FLNRORD Fuels Management Specialist with the Southeast Fire Centre. Mike has been supportive of the initiatives HPCC has been taking as regards fire risks and fuel hazard abatement, and is looking forward to reviewing the project submission.

Describe how the project aligns with the Land Manager's strategic planning and/or integrated investment planning.	Project has been discussed with Julie Castonguay, FLNRORD Regional Integrated Investment Specialist. Julie has indicated her full support of the project.
Describe any feedback or concerns from the Land Manager.	Julie Castonguay is completely supportive (see attached email correspondence).
Attach copies of any correspondence from the Forest District.	Support email from Julie Castonguay 26Nov2018.pdf

Partnerships

Will this project be receiving funds from another organization?	Yes
If yes, summarize any contributions from other funding sources, including in-kind contributions.	HPCC is contributing to the project by contributing all log and pulp sale revenue to the project. HPCC has also made, and will continue to make, in-kind contributions to the project by undertaking planning and assessments in the area. HPCC is leading community consultation and engagement in the project. This project also has in-kind support from Columbia Basin Trust though the CBT-funded HPCC Climate Change Adaptation Project. HPCC's Climate Adaptation Project is guiding the development and prioritization of fuel reduction treatments in the area.
If applicable, describe how the project will coordinate with FFT or other initiatives within the Timber Supply Area.	
Describe any partnerships with another organization or agency?	
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.	HPCC is responsible for the project.
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.	HPCC will implement the project.

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	

Project Cost And Funding

Total Project Funds

Total Funds Contributed by the Proponent	Total Funds Requested from the Program

$0.00	$234600.00

Planned milestone & task

	2019/20	2020/21	2021/22	Total
Output Category				
Biomass Utilized, Not Burnt (m3)	2160.00	2160.00	2160.00	**6,480.00**
Number of Treatment Sites	1.00	1.00	1.00	**3.00**
Total Residual Fibre Volume (m3)	2160.00	2160.00	2160.00	**6,480.00**
Total Volume Cut (m3)	3600.00	3600.00	3600.00	**10,800.00**
Treatment Area (ha)	20.00	20.00	20.00	**60.00**

Funds Requested from FESBC

	2019/20	2020/21	2021/22	Total
Start Date	07/01/2019	04/01/2020	04/01/2021	
End Date	03/31/2020	03/31/2021	03/31/2022	
Cost Category				
Material	$0.00	$0.00	$0.00	**$0.00**
Recipient Labour	$0.00	$0.00	$0.00	**$0.00**
Contracted Material/ Labour	$63200.00	$63200.00	$63200.00	**$189,600.00**
Equipment Charges	$0.00	$0.00	$0.00	**$0.00**
Project Supervision/ QA	$0.00	$0.00	$0.00	**$0.00**
Administration	$15000.00	$15000.00	$15000.00	**$45,000.00**
Total	$78,200.00	$78,200.00	$78,200.00	**$234,600.00**

Sources of Cash Funding *

Source Type	Name of Organization	Status	Amount
Proponent Contribution	Harrop-Procter Community Co-operative	Confirmed	$212,400.00
Proponent Contribution	Harrop-Procter Community Co-operative	Confirmed	$212,400.00
Proponent Contribution	Harrop-Procter Community Co-operative	Confirmed	$212,400.00
Amount Applied For	FESBC	Applied For	$234,600.00
		Total:	**$871,800.00**

Project Cost by Task

Activity *	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Thinning and fuel reduction	07/01/2019	03/31/2020	$78,200.00	$212,400.00	$0.00	$290,600.00
Thinning and fuel reduction	04/01/2020	03/31/2021	$78,200.00	$212,400.00	$0.00	$290,600.00
Thinning and fuel reduction	04/01/2021	03/31/2022	$78,200.00	$212,400.00	$0.00	$290,600.00
					Total:	**$871,800.00**

Project Status

Project Status

FP status:	FP Received

Change History

Change History

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FP Status	User	Date
Draft FP	Erik Leslie	11/24/2018 09:44:38 PM
Draft FP	Erik Leslie	11/24/2018 09:46:53 PM
Draft FP	Erik Leslie	11/24/2018 09:51:59 PM
Draft FP	Erik Leslie	11/25/2018 06:46:10 PM
Draft FP	Erik Leslie	11/25/2018 06:51:09 PM
Draft FP	Erik Leslie	11/25/2018 06:56:09 PM
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FP Submitted	Erik Leslie	11/29/2018 02:25:31 PM
Draft FP	Erik Leslie	11/29/2018 02:25:55 PM
FP Submitted	Erik Leslie	11/29/2018 02:29:01 PM