

Full Proposal

Full Proposal Details
Full Proposal # :WR0000531
Full Proposal Status : FP Received

Project Information

Terms and Conditions

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

Project Information

Project Title:	Midway Fire Risk Reduction Project	Project Country:	Canada
Primary Purpose:	Wildfire Risk Reduction	Project Location - State/Province:	British Columbia
Project Start Date	04/01/2019	Postal Code	V0H1H9
Project Completion Date	06/30/2020		

Contact Information

Principal Contact Information

Principal Contact Name:	Dan Macmaster	City	Midway
Country	Canada	Postal Code	V0H 1M0
Province	British Columbia	Proponent's Organization	West Boundary Community Forest
Contact Email	dmacmaster@vaagen.ca	Contact Phone	250-528-0344
Contact Address	661 8th Avenue		

Project Details

Project Description

Full Proposal Number	WR0000531
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Selkirk District
Management Unit:	Community Forest
Project Site Location:	The Village of Midway is located on Hwy #3 about 1 hour east of Osoyoos. The treatment area is in the West Boundary Community Forest, located south of the village along the United States border. The National Forest in Washington State as well as some inaccessible private land borders this community forest parcel to the south with the village of Midway to the north.
UTM Zone	11U
UTM Easting	368766
UTM Northing	5429154
Location Map and Spatial Data File Attachment	Midway Trails Project Overview Map.pdf Midway Fire Risk Reduction Project KMZs.kmz
BEC Variant(s):	IDF xh4
Project Description:	The Village of Midway is located in an NDT-4 fire regime and is threatened by fuel loading and thick forest stands to the south. There are no present fire breaks to reduce the risk of a wildfire spreading from the United States border into the community. This project will focus on forest health issues in the project area by removing the beetle infested trees, abundance of blow down, trees proven to have heart rot, dead standing (snags), and 40% of the smaller diameter suppressed Douglas fir. Yellow pine will be retained as well as larch (other than diseased trees and overstocked thickets). Late fall/winter logging will best protect the roads and minimize soil disturbance. The area is very popular for hikers and bikers; this treatment will reduce the safety risk posed to the public by removing snags and danger trees along the trail system. On June 29, 2018 a strong wind storm came through the southern Boundary region and blew over a vast

	<p>amount of trees. The 2018 FLNRO Selkirk Resource District aerial survey results specifically noted blowdown from this windstorm as significant in the Arrow/Boundary. The Stewardship Forester has issued guidance for licensees to target and direct their planning and harvest operations towards areas with blowdown. This area is already susceptible to the Douglas Fir beetle and these downed trees need to be removed to prevent further infestation in our local forest stands. Harvesting will be done using a small local operator, small skidder, and self loading truck to minimize landing size. Longer skid distances are planned to reduce the number of landings and road construction. A Douglas Fir bark beetle trap tree program will be employed next spring to capture existing infestations (in any areas not effected by blowdown). The trap trees will be removed during the harvesting of this treatment area in the winter of 2019/2020. The northern portion of the project area is SAR Critical Habitat for the Lewis Woodpecker; a management strategy will be developed while working with a ministry habitat biologist. We will be classifying this area as Treatment Unit B and make adjustments in the prescription. A meeting with the community of Midway is planned for December 5th where I will begin the discussion of this project and collect ideas and address concerns moving forward. Access will be a through private land, Recreation Sites and Trails BC, and the Midway Trails Society - all who have been contacted and are in support of this project. The project has received overwhelming support from the Midway mayor, and I will be presenting to the Council in mid December to go over the project. This presentation will focus on fuel mitigation, fir bark beetle control, interpretive forest attributes and maintenance, as well as the improvement of the trail resource. This project will be seen by thousands of hikers and school groups that regularly use this trail system. This will be an excellent opportunity to showcase how forest management can address a plethora of objectives while improving the recreational attributes sought after by many.</p>
Project Keyword:	Midway Fire Risk Reduction
Attach Additional Information	Midway Project Costs.pdf
Is an existing tenure already in place?	Yes
If no, then please identify the proposed tenures and/or authorities required to complete work.	Yes. West Boundary Community Forest (K4E)
Will your project create a silviculture obligation?	Yes
If yes, who will hold that obligation?	West Boundary Community Forest (K4E)
Is this project located in the Wildland Urban Interface?	Yes

Project Activities and Objectives

Project Activities	Planning Prescriptions Non-harvest Access Improvements Harvesting Development Road and Landing Rehab Fuel Management Treatments Fuel Management Maintenance Biomass Utilization Thinning Trucking
FESBC Purposes	Wildfire risk reduction/mitigation Wildlife habitat enhancement Recovery of fibre (lumber, pulp, pellets, energy, etc.)
Describe how the project will achieve the specified purpose(s).	Wildfire Risk Reduction/Mitigation and Recovery of Fibre (lumber, pulp). Improvemnt in Wildlife Habitat and Forest Health. The principles supporting fire risk reduction will be combined with fuel management objectives in developing the prescription for the project area. In addition, the abundance of blowdown will be removed to avoid the potential high risk of Douglas fir beetle infestations in this stand. There will be the removal of the understory and ladder fuels (predominately suppressed fir), retention of veteran Fd and Lw over 50cm, mechanical piling and burning of any fibre that cannot be safely removed from the site via truck, and constructed roads, skid trails and landings will be temporary and either rehabilitated or developed into hiking trails to improve the already established network of trails. Extensive insect infested trees, diseased and compromised (root disturbed and excessive leaners) trees will be removed to improve the overall health of this forest stand. Plans and operations will be conducted with constant cooperation of the Midway Trails society.
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.	Merchantable sawlogs will be sent to the local mills. All efforts will be made to safely remove the pulp logs to the chipper yard in Midway.
Describe your plan for residual fibre	Any short stems or limbs that cannot be safely transported via logging truck will be scattered throughout

treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	the site at a low denisty so as not to accumulate ground fuel. This volume will be relatively small considering the efforts made to haul the fibre out. In the case where the logging brush cannot be hauled and is too thick to spread out, a burn pile will be made and disposed of in the Fall.
Will the treatment involve broadcast burning to create plantable spots?	No

Work Standards and Development Status

Applicable Work Standards:	This project will be following the guidelines and regulations of the Forest and Range Practices Act (FRPA) as well as the Forest Planning and Practices Regulations (FPPR). All contractors will be SAFE Certified under the BC Forest Safety Council. General standards for Ministry Funded Programs (effective June, 2012) will be followed. RESULTS Information Submission Specifications - Government Funded Silviculture Activities (Edition 4a, May 2014) will be adhered to and completed as well.
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:	Consultation with First Nation Bands will occur during the intital planning stages of this project. A letter will be sent to all the applicable Bands as well as a map and outline of this project. Bands are given 60 days to provide feedback, and any concerns will be discussed indepth. A Professional Field Review has already been set up with the Osoyoos Indian Band to walk the site and develop a report on any culturally significant sites in the project area. I will be attending this visit representing the WBCF.
Development Status:	Consultation will be sent to FN Bands, range holders, local residents, trappers, guides, and adjacent licencees. A cutting permit and road permit will be approved by the Ministry prior to any work starting.
If available, please upload approved prescriptions and treatment maps for this project.	
Will this project (or a part thereof) be tendered?	No
If yes, please indicate the % of the project value tendered.	
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.	The West Boundary Community Forest has a management agreement with Vaagen Fibre Canada. The Forestry Department at Vaagen is SAFE certified and all contractors that work on WBCF projects area SAFE certified as well.
Are any of the activities a legal obligation of a tenure.	Yes
If yes, then please explain how the project will manage the obligation separate from FESBC funding.	Silviculture obligations and costs are not being included in the FESBC funding request. A site plan will be developed and data entered into RESULTS once the project is completed. FESBC funding will not be used for any of the work required to enter data into RESULTS, nor any other work that would be performed on this permit under the obligatory requirements of a WBCF cutting and road permit.

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.	This project is consistent with the Land Manager's objectives. This project is also consistent with local Land Manager priorities as it supports the objectives of the Kootenay Boundary Land Use Plan, Provincial Ecosystem Restoration Program, LBIS – Ecosystem Restoration Focus, the Boundary Restoration and Enhancement Program 5-Year Plan and West Kootenay Mule Deer Management Plan. Fuel mitigation projects help to create landscapes that are more resilient to

	<p>wildfire while also providing sustainable goods and services that include: 1. reducing excessive fuel loads and continuity to mitigate catastrophic wildfire risks; 2. improving air quality by managing emissions through utilizing residuals and/or other treatments as opposed to emissions resulting from a wildfire potentially occurring during less favourable atmospheric conditions; 3. helping to mitigate mid-term timber supply shortfalls by accessing marginal stands; 4. improving long-term timber harvest values by spacing over dense, stagnated stands while also providing a potential bio-energy source; 5. increasing natural forage to sustain wildlife and livestock and their related industries. This area was selected for consideration based on direction from the above-mentioned plans as well as fire risk mapping provided by the Southeast Fire Centre officials, Fire Management Planning, ungulate winter range and species at risk information, and in consultation with and support from local residents and the Midway Trails Society.</p>
<p>Describe how the project aligns with the Land Manager's strategic planning and/or integrated investment planning.</p>	<p>The objectives of the West Boundary Community Forest and this proposed project was discussed with the land manager at a meeting in October, 2018. Some of the overarching objectives discussed and agreed upon include: 1. Provide long-term opportunities for achieving a range of community objectives, values and priorities. The community will receive long-term benefits from gaining community control over management of forests in areas such as the Midway Trails area (high social and recreational values). WBCF will work to foster co-operation among stakeholders and to take a leadership role in forest management that combines ecological protection, fire risk management, community consultation and orderly development. 2. Diversify the use of and benefits derived from the community forest agreement area. WBCF will encourage economic diversification by providing access to fibre supplies to local small scale manufacturers and processors. This project will provide pulp fibre to the Midway Celgar yard and sawlogs to both Vaagen Fibre Canada and Interfor. Community safety will be improved through the use of fuel management in the areas identified at a risk of catastrophic fire. 3. Provide social and economic benefits to the region. The employment created by the Midway Fire Risk Reduction project will generate income throughout the community with revenue from the log sales and employment opportunities for the citizens of Midway. The additional job opportunities will improve the social outlook for the residents of the West Boundary. 4. Undertake community forestry consistent with sound principles of environmental stewardship that reflect a broad spectrum of values. This project in particular will manage the forest to retain and maintain structure and composition within the range of natural variation, thereby maintaining a fully functioning ecosystem over time, and protect the forest and community from a catastrophic fire. 5. Promote community involvement and participation. WBCF will promote community involvement and participation in forest management planning by engaging the community in planning and development of forestry operations (in all projects including the Midway Fire Risk Reduction proposal). This will be accomplished through public meetings and field trips, by valuing local knowledge and by listening to and respecting community input. 6. Promote communication and strengthen relationships between Aboriginal and non-Aboriginal communities and persons. WBCF has promoted communication and strengthened relationships between First Nations by rigorously following the information sharing process mandated by the Ministry, performed consultation duties well above what is expected from other licencees, as well as providing employment opportunities to qualified Band members. 7. Advocate forest worker safety. The management department (Vaagen Fibre Canada) is SAFE Certified and requires that all contractors are certified who work in the WBCF. 8. Education for the public and school groups. The proximity of this forest stand as well as the access through hiking and biking trails will be an excellent opportunity to inform and teach the public of sustainable forestry operations. Local school groups from Midway, Greenwood, Rock Creek and</p>

	Beaverdell will have immediate access to this project area and learn from the fire mitigation and fuel management techniques implemented here.
Describe any feedback or concerns from the Land Manager.	Feedback on the Fire Risk Reduction proposals is very positive. There has been a request for Vaagen Fibre Canada and the West Boundary Community Forest to lead the development of projects outside the WBCF tenure and throughout the Boundary TSA. Numerous areas are not being addressed by the major tenure holders in regards to fuel mitigation, fire risk reduction, and fibre utilization in the forest.
Attach copies of any correspondence from the Forest District.	

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.	
Describe any partnerships with another organization or agency?	As mentioned earlier, the Osoyoos Indian Band will be performing an onsite Professional Field Review of the site and has expressed their support for this project. The Midway Trails Society is aware of this project and has expressed their support as well. An onsite field trip was conducted on November 13th with the president of Midway Trails. Frequent discussion and sharing of plans with local residents and the Village of Midway will be scheduled.
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.	No. Submitted by the West Boundary Community Forest.
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.	No.

Road Construction and Road Upgrades

Road Construction, including Road Upgrades	
Planned Road Construction Length (km)	2.3
Planned Road Construction Width (m; if >20m)	5m
Biomass removed and burned from ROW (tonnes)	50
Road Deactivation	
Will the road be reforested following deactivation?	No
Planned Road Deactivation Length (km)	2.3
Planned Road Construction Width (m)	5
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	\$94200.00

Planned milestone & task			
	2018/19	2019/20	Total
Output Category			
Total Residual Fibre Volume (m3)	3000.00	0.00	3,000.00
Treatment Area (ha)	111.00	0.00	111.00

Funds Requested from FESBC			
	2018/19	2019/20	Total
Start Date	04/01/2019	04/01/2020	
End Date	03/31/2020	06/30/2020	
Cost Category			
Material	\$4500.00	\$0.00	\$4,500.00
Recipient Labour	\$13000.00	\$0.00	\$13,000.00
Contracted Material/ Labour	\$39400.00	\$7000.00	\$46,400.00
Equipment Charges	\$17600.00	\$6700.00	\$24,300.00
Project Supervision/ QA	\$2500.00	\$1500.00	\$4,000.00
Administration	\$1500.00	\$500.00	\$2,000.00
Total	\$78,500.00	\$15,700.00	\$94,200.00

Sources of Cash Funding [*]			
Source Type	Name of Organization	Status	Amount
Proponent Contribution	West Boundary Community Forest	Confirmed	\$139,500.00
Amount Applied For	FESBC	Applied For	\$94,200.00
		Total:	\$233,700.00

Project Cost by Task						
Activity [*]	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Planning & Layout	04/01/2019	05/31/2019	\$20,000.00	\$9,100.00	\$0.00	\$29,100.00
Road & Skid Trailing	06/01/2019	08/31/2019	\$10,000.00	\$7,300.00	\$0.00	\$17,300.00
Fibre Removal	10/01/2019	02/29/2020	\$51,500.00	\$110,000.00	\$0.00	\$161,500.00
Road Deactivation & Trail Development	06/01/2020	06/30/2020	\$13,700.00	\$12,100.00	\$0.00	\$25,800.00
					Total:	\$233,700.00

Project Status

--

Project Status	
FP status:	FP Received

Change History

Change History		
Change History		
FP Status	User	Date
Draft FP	Dan Macmaster	11/22/2018 11:05:10 PM
Draft FP	Dan Macmaster	11/28/2018 01:33:50 AM
Draft FP	Dan Macmaster	11/28/2018 01:38:50 AM
Draft FP	Dan Macmaster	11/28/2018 01:41:12 AM
Draft FP	Dan Macmaster	11/28/2018 01:46:17 AM
Draft FP	Dan Macmaster	11/28/2018 01:51:17 AM
Draft FP	Dan Macmaster	11/28/2018 02:01:17 AM
Draft FP	Dan Macmaster	11/28/2018 02:16:17 AM
Draft FP	Dan Macmaster	11/28/2018 02:17:50 AM
Draft FP	Dan Macmaster	11/29/2018 01:43:38 PM
Draft FP	Dan Macmaster	11/29/2018 01:56:25 PM
Draft FP	Dan Macmaster	11/29/2018 02:06:25 PM
Draft FP	Dan Macmaster	11/29/2018 02:11:25 PM
Draft FP	Dan Macmaster	11/29/2018 02:11:52 PM
Draft FP	Dan Macmaster	11/29/2018 02:41:58 PM
Draft FP	Dan Macmaster	11/29/2018 02:46:58 PM
Draft FP	Dan Macmaster	11/29/2018 03:01:57 PM
Draft FP	Dan Macmaster	11/29/2018 03:15:18 PM
Draft FP	Dan Macmaster	11/30/2018 09:24:27 PM
Draft FP	Dan Macmaster	11/30/2018 09:39:28 PM
Draft FP	Dan Macmaster	11/30/2018 09:44:27 PM
Draft FP	Dan Macmaster	11/30/2018 09:59:27 PM
Draft FP	Dan Macmaster	11/30/2018 10:07:56 PM
Draft FP	Dan Macmaster	11/30/2018 10:13:01 PM
Draft FP	Dan Macmaster	11/30/2018 10:18:01 PM
Draft FP	Dan Macmaster	11/30/2018 10:23:02 PM
Draft FP	Dan Macmaster	11/30/2018 10:27:08 PM
Draft FP	Dan Macmaster	11/30/2018 10:32:15 PM
Draft FP	Dan Macmaster	11/30/2018 10:37:15 PM
Draft FP	Dan Macmaster	11/30/2018 10:42:13 PM
Draft FP	Dan Macmaster	11/30/2018 10:47:14 PM
Draft FP	Dan Macmaster	11/30/2018 10:49:34 PM
Draft FP	Dan Macmaster	11/30/2018 10:52:13 PM
Draft FP	Dan Macmaster	11/30/2018 11:17:20 PM
Draft FP	Dan Macmaster	11/30/2018 11:22:20 PM

Draft FP	Dan Macmaster	11/30/2018 11:27:21 PM
Draft FP	Dan Macmaster	11/30/2018 11:32:20 PM
Draft FP	Dan Macmaster	11/30/2018 11:37:20 PM
Draft FP	Dan Macmaster	11/30/2018 11:39:49 PM
Draft FP	Dan Macmaster	11/30/2018 11:41:01 PM
Draft FP	Dan Macmaster	11/30/2018 11:49:15 PM
Draft FP	Dan Macmaster	11/30/2018 11:53:15 PM
Draft FP	Dan Macmaster	11/30/2018 11:58:20 PM
Draft FP	Dan Macmaster	11/30/2018 11:59:40 PM
Draft FP	Dan Macmaster	12/01/2018 12:14:55 AM
FP Submitted	Dan Macmaster	12/01/2018 12:15:11 AM