

Full Proposal

Full Proposal Details
Full Proposal # :RB0000587
Full Proposal Status : FP Received

Project Information

Terms and Conditions

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

Project Information

Project Title:	Premier Lake Park Prescribed Burn
Primary Purpose:	Stand Rehabilitation
Project Start Date	04/01/2019
Project Completion Date	06/03/2019

Project Country:	Canada
Project Location - State/Province:	British Columbia
Postal Code	V1C 7G5

Contact Information

Principal Contact Information

Principal Contact Name:	Amanda Weber-Roy
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Province	British Columbia
Contact Email	amanda.weber-roy@gov.bc.ca
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City	Cranbrook
Postal Code	V1C 7G5
Proponent's Organization	BC Parks - Kootenay
Contact Phone	250 489 9211

Project Details

Project Description

Full Proposal Number	RB0000587
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Rocky Mountain District
Management Unit:	TSA 05 Cranbrook
Project Site Location:	Premier Lake Provincial Park is located approximately 12km east of Skookumchuck, BC. Map sheet: 82G092
UTM Zone	11
UTM Easting	597486
UTM Northing	5529486
Location Map and Spatial Data File Attachment	2016 Prescribed Burn.kmz A92789.kmz A92789_landings.kml.kmz A92789_roads.kml.kmz Premier_WTRAs.kml.kmz PremierBCParks_Polygon.kmz PremierBCTS_Polygon.kmz
BEC Variant(s):	IDFdm2
Project Description:	During the winter of 2016/17 BC Parks conducted 152 ha (gross) of Tree Removal at the south end of Premier Lake Park near Quartz Lake as part of the next phase of the Ecological Restoration (ER) Project at Premier Lake Park. At the same time BC Parks granted access through the park to BCTS so they could have a block, that was about the same size with a very similar prescription, harvested. This was a joint project between BC Parks and BCTS for the purposes of ER as well as to restore/promote forest and grassland conditions to those that favour wildlife species that have historically used ecosystems contained

	<p>within Premier Lake Provincial Park. The park and surrounding Crown land contains Class 1 ungulate winter range. Known wildlife species that use the park include: Bighorn Sheep, Elk, White-tailed and Mule Deer, and Badger. Ecological restoration is expected to have a positive influence on known wildlife species. Restoring stand structures to those more representative of pre-fire exclusion conditions, and re-introducing low intensity ground fires will benefit flora and fauna that have historic distribution within the area. To restore forest and range conditions to those that promote the diversity of plants and animals that have historical distribution or have historically used ecosystems contained within Premier Lake Provincial Park. The park provides important wildlife habitat for a number of regionally important species including Bighorn Sheep, American Badger, White-Tailed and Mule Deer, Elk, Painted Turtle, as well as a host of avian species. The park contains remnant rare and endangered ecosystems including the Antelope Brush/Bluebunch Wheatgrass plant community (IDFdm2 02) and the Douglas-fir/Snowbrush/Balsamroot plant community (IDFdm2 03). It is anticipated that ecological restoration treatments will benefit these plant communities by reducing crown closure and the re-introduction of fire into these ecosystems. To minimize the impact of current and future forest and grassland health factors to the range expected within pre-fire exclusion stands. Promoting historic forest and grassland conditions will result in relatively healthy forests and grasslands whose dynamics are not driven by forest health factors. To minimize the impact of invasive plants on the grassland resource by encouraging forest and grassland conditions that promote healthy and vigorous native plant communities. To return stand and range conditions to those that are more representative of natural conditions that would be expected in the absence of fire exclusion. To reduce fuel loading to the range of conditions expected within pre-fire exclusion stands. Such conditions were ones that resulted in high frequency, low intensity ground fires. Reduction of forest fuels will also achieve wildland urban interface fire hazard reduction objectives for private parcels to the north of the project area. Now that subsequent slashing treatments have happened the site needs to be prescribed burnt (PB). BC Parks along with our partners at the BC Wildfire Service and the Rocky Mountain Trench Society plan to conduct this 300 ha+ prescribed burn in the spring of 2019 as soon as favorable indices are achieved. This not only meets many objectives discussed above it also would help to reduce hazardous fuels in a location identified as a landscape level fuel break. This PB will also tie into a PB conducted by the Fish and Wildlife Compensation program in 2016 (kmz attached above). As part of an exceptionally robust stakeholder engagement process on this project BC Parks and BCTS assured the Friends of Premier Lake as well as Wildsight that this PB would take place two years post tree removal/harvesting to ensure prescription objectives were fully met. BC Parks & the Rocky Mountain Trench Society have applied to HCTF for funding (application and budget attached) for this project, but is not confident that the project will be approved therefore we are also submitting an application to FESBC. We do only intend to use one funding source. BC Parks has a prescription for the tree removal that recommends a spring PB. The Rocky Mountain Trench Society (RMTS) is getting a prescription developed for the PB on the Crown land side. This \$10,000.00 prescription is being paid for by the Fish and Wildlife Compensation Program and will be provided to FESBC as soon as it is available. BC Parks and RMTS are working with BCWS on the development of the Burn Plan. That Burn Plan will be provided to FESBC as soon as it is available.</p>
Project Keyword:	Premier Lake Park Prescribed Burn
Attach Additional Information	New Project - Single Year - Premier Lake Park - Adjacent Crown Land Prescribed.pdf HCTF Online 2019-20 Budget.xlsx
Is an existing tenure already in place?	No
If no, then please identify the proposed tenures and/or authorities required to complete work.	BC Parks does not require tenure or any other authorization to conduct this PB, the Rocky Mountain Trench Society will require a Section 52 authorization from FLNRORD to conduct the PB on the Crown land (BCTS) side of the PB.
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	Prescribed Fire
FESBC Purposes	Wildfire risk reduction/mitigation Wildlife habitat enhancement
Describe how the project will achieve the specified purpose(s).	<p>Wildfire Risk Reduction: To reduce fuel loading to the range of conditions expected within pre-fire exclusion stands. Such conditions were ones that resulted in high frequency, low intensity ground fires. Reduction of forest fuels will also achieve wildland urban interface fire hazard reduction objectives for private parcels to the north of the project area. Wildlife habitat enhancement: -This PB will provide valuable connectivity from the valley bottom to high value winter range/summer range as well as to escape terrain. This PB will tie into a high elevation Fish and Wildlife Compensation Program burn from 2016 that sought out to provide critical escape terrain habitat and links to high elevation habitat. -this PB will also restore critical ungulate winter range, and provide forage, thermal cover, and connectivity -restore/promote forest and grassland conditions to those that favour wildlife species that have historically used ecosystems contained within Premier Lake Provincial Park. The park contains Class 1 ungulate winter range. Known wildlife species that use the park include: Bighorn Sheep, Elk, White-tailed and Mule Deer, and Badger. Ecological restoration is expected to have a positive influence on known wildlife species. Restoring stand</p>

	structures to those more representative of pre-fire exclusion conditions, and re-introducing low intensity ground fires will benefit flora and fauna that have historic distribution within the area. -restore forest and range conditions to those that promote the diversity of plants and animals that have historical distribution or have historically used ecosystems contained within Premier Lake Provincial Park. The park provides important wildlife habitat for a number of regionally important species including Bighorn Sheep, American Badger, White-Tailed and Mule Deer, Elk, Painted Turtle, as well as a host of avian species. The park contains remnant rare and endangered ecosystems including the Antelope Brush/Bluebunch Wheatgrass plant community (IDFdm2 02) and the Douglas-fir/Snowbrush/Balsamroot plant community (IDFdm2 03). It is anticipated that ecological restoration treatments will benefit these plant communities by reducing crown closure and the re-introduction of fire into these ecosystems. BC Parks and the Rocky Mountain Trench Society are always concerned about the establishment of invasive plants as a result of using prescribed fire. We will take every precaution to prevent invasive plant establishment, but will also involve the East Kootenay Invasive Species Council to conduct some pre and post monitoring. BC Parks has also established a vegetation monitoring program for this ER treatment and intends to continue with that monitoring program to ensure prescribed objectives and ER Plan objectives are realized.
Identify the repository for the final deliverables	Ministry of Environment and Climate Change Strategy - BC Parks Kootenay Section, Cranbrook BC
Utilization of Wood Fibre	
If applicable, indicate use of removed fibre or non-burning waste management practices.	N/A
Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	N/A
Will the treatment involve broadcast burning to create plantable spots?	N/A

Work Standards and Development Status

Applicable Work Standards:	Park Act, BC Parks Conservation Policy, Open Burning Smoke Control Regulation (Environmental Management Act), Wildfire Act, Wildfire Regulation, Prescribed Fire and Resource Management Open Fire Policy (attached), BC Wildfire Service Standard Operating Procedure For Prescribed Fire (attached).
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.	Policy 9.5 Prescribed Fire and Resource Management Open Fire FINAL.PDF Appendix 3 - Prescribed Fire Approval Process.pdf Appendix 4 - Prescribed Fire Steps.pdf Prescribed Fire - Standard Operating Procedure FINAL .pdf
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:	First Nations will be engaged on this project as soon as the Burn Plan is developed. First Nations were engaged on the harvesting/tree removal portion of this ER project.
Development Status:	The RMTS will require a Section 52 authorization to have BCWS conduct the PB on the Crown land section of this project
If available, please upload approved prescriptions and treatment maps for this project.	B2PremierERP_Am_2_Mar29_2017.pdf BCP BCTS Premier ER Project Map_Overview_April 2018.pdf Prescription for Premier Lake Park ER - Tree Removal.pdf Premier_Planned_Fire.pdf
Will this project (or a part thereof) be tendered?	Yes
If yes, please indicate the % of the project value tendered.	50%
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.	BC Parks and the RMTS will be partnering with BCWS to conduct this burn. We will need a contract crew to monitor the burn perimeter and to do mop up. We will also require the services of a small cat for fireguard construct and we will have a water tender available on burn day. We will also need to hire a helicopter. So overall only a small portion of this project will need to be tendered. However, all of those

	contracted will need to have CGL insurance as required in the Government Procurement Policy and also be in good standing and registered with WorkSafe BC
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.	BC Parks is the Land Manager for Premier Lake Park side and the FLNRORD Stewardship Officer, Scott Hicks is the Land Manager for the BCTS side of this PB. Scott has been actively engaged in this project. The Rocky Mountain Trench Society (RMTS) will be acting as the proponent for FLNRORD on the BCTS side of the PB. BCWS (Mike Morrow, Andre Chalabi, and Stefan Hood) have been exceptionally engaged in the project from its inception and recognize that this PB forms a very important landscape level fuelbreak. BCWS will be providing support in terms of staff time to implement this project and are also developing the Burn Plan. Julie Castonguay, Kootenay Boundary Regional Integrated Investment Specialist recognizes that this project is exceptionally important regional priority in terms of wildfire risk reduction (email attached).
Describe how the project aligns with the Land Manager's strategic planning and/or integrated investment planning.	BC Parks' mission is to protect representative and special natural places within the Province’s protected areas system for world class conservation. This project also aligns with the BC Parks Action Plan for Conservation - Objective 2: Maintain & Restore Ecosystems by managing forest health issues the pose risks both within and outside protected area boundaries. This project also aligns with the BC Parks Strategic Program Plan - Effectively manage natural, cultural and recreational values in the context of the provincial landbase (the larger landscape). This project has been identified as a high priority in the Kootenay Boundary Region Integrated Investment Planning see attached email from Julie Castonguay, Regional Integrated Investment Specialist. Also identified as a high priority from FLNRORD Stewardship Officer, from FLNRORD Habitat staff, from FLNRORD Wildlife staff as well as from the Fish and Wildlife Compensation Program staff.
Describe any feedback or concerns from the Land Manager.	There have been a lot of Ministry staff (Environment & FLNRORD) involved in this project from its inception all involved recognize that this is the critical next phase in this partnership project.
Attach copies of any correspondence from the Forest District.	2019 FES Application support from Julie Castonguay.docx

Partnerships

Will this project be receiving funds from another organization?	Yes
If yes, summarize any contributions from other funding sources, including in-kind contributions.	The Rocky Mountain Trench Society will be contributing \$20,000 from Land Based Investment funding as noted in the Sources of Cash Funding section of this application. BC Parks has applied to the Park Enhancement Fund for \$5000.00 to support this project. The Fish & Wildlife Compensation Program (FWCP) paid \$10,000 for the development of the Site Management Plan on the Crown land portion of the prescribed burn Other sources of in-kind support include: BCWS staff time burn plan development - \$2,500.00 FLNRORD Forest Stewardship staff X1 - \$1,500.00 Rocky Mountain Trench NR Program staff X1 - \$1,500.00 BC Parks Staff X3 - \$4,500.00 In-kind support and \$10,000 from FWCP total to \$20,000. Therefore BC Parks and the Rocky Mountain Trench Society are seeking \$129,100 from FESBC. \$129,100 (FES)+ \$5000 (BC Parks)+ \$20,000 (Rocky Mountain Trench Society)+ \$20,000 (in-kind support) = \$174,100
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?	The Friends of Premier Lake and Wildsight as well as the local residents nearby have been intimately involved in this project. They wanted to ensure that trees were removed to the agreed upon

	standard/prescription and that BC Parks and BCTS (FLNRORD) followed up with a prescribed burn within two years of post harvest. The Rocky Mountain Trench Society (support letter attached) will be the FLNRORD proponent leading the PB on the BCTS side of the project. BC Parks and the Rocky Mountain Trench Society will partner with the BCWS (support letter attached) to get the PB completed.
Please upload any correspondence or supporting documentation.	BC Park support letter Nov 2 2018.pdf BCWS Letter of Support.docx
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.	This proposal is being submitted by BC Parks on behalf of BC Parks and the Rocky Mountain Trench Society - roles noted in the section below.
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.	BC Parks: Will be the lead for the PB at Premier Lake Park, will also be hiring the cat to construction the guard on the western boundary (park boundary) of the acceptable burn boundary. Rocky Mountain Trench Society: Will be the lead for the PB on the Crown land portion of the PB (otherwise indicated as the BCTS side of the PB). Will ensure they have a Site Management Plan and associated Section 52 Authorization. Will hire the contract crew to conduct the perimeter monitoring and mop up. will hire the helicopter for ignition. will hire the water tender. BCWS: will develop the burn plan, will prep the area for the PB, will implement the PB when indices are effective. Anticipating that the burn will take two days, one day per side. Because of aspect the BCTS side will be ready first then the BC Parks side will be ready.

Road Construction and Road Upgrades

Road Construction, including Road Upgrades	
Planned Road Construction Length (km)	0
Planned Road Construction Width (m; if >20m)	0
Biomass removed and burned from ROW (tonnes)	0
Road Deactivation	
Will the road be reforested following deactivation?	
Planned Road Deactivation Length (km)	0
Planned Road Construction Width (m)	0
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	\$129100.00

Planned milestone & task

	2019/20	Total
Output Category		
Treatment Area (ha)	129100.00	129,100.00

Funds Requested from FESBC

	2019/20	Total
Start Date	04/01/2019	

End Date	06/03/2019	
Cost Category		
Material	\$15500.00	\$15,500.00
Recipient Labour	\$0.00	\$0.00
Contracted Material/ Labour	\$95600.00	\$95,600.00
Equipment Charges	\$8000.00	\$8,000.00
Project Supervision/ QA	\$0.00	\$0.00
Administration	\$10000.00	\$10,000.00
Total	\$129,100.00	\$129,100.00

Sources of Cash Funding *

Source Type	Name of Organization	Status	Amount
Government	BC Parks	Applied For	\$5,000.00
Project Partners and Other Organizations	Rocky Mountain Trench Society	Confirmed	\$20,000.00
Amount Applied For	FESBC	Applied For	\$129,100.00
		Total:	\$154,100.00

Project Cost by Task

Activity *	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Site Preparation	04/01/2019	04/30/2019	\$3,600.00	\$0.00	\$0.00	\$3,600.00
Prescribed Fire	05/01/2019	06/03/2019	\$125,500.00	\$5,000.00	\$40,000.00	\$170,500.00
					Total:	\$174,100.00

Project Status

Project Status

FP status:	FP Received
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Change History

Change History

Change History

FP Status	User	Date
Draft FP	Amanda Weber-Roy	11/29/2018 11:14:13 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:35:41 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:39:02 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:44:07 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:46:48 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:47:19 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:47:21 AM

Draft FP	Amanda Weber-Roy	11/29/2018 11:49:03 AM
Draft FP	Amanda Weber-Roy	11/29/2018 11:52:36 AM
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Draft FP	Amanda Weber-Roy	11/29/2018 12:42:57 PM
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Draft FP	Amanda Weber-Roy	11/29/2018 11:17:13 PM
FP Submitted	Amanda Weber-Roy	11/29/2018 11:17:32 PM