Full Proposal

Full Proposal Details

Full Proposal # :WR0000554

Full Proposal Status : FP Received

Project Information

Terms and Conditions

To review the terms and conditions click here

Project Information

Project Title:	West Arm Park Fuel Reduction - Harrop TU1	**Project Country:**	Canada
Primary Purpose:	Wildfire Risk Reduction	**Project Location - State/Province:**	British Columbia
Project Start Date	09/16/2019	**Postal Code**	V1C 7G5
Project Completion Date	12/16/2019		

Contact Information

Principal Contact Information

Principal Contact Name:	Amanda Weber-Roy	**City**	Cranbrook
Country	Canada	**Postal Code**	V1C 7G5
Province	British Columbia	**Proponent's Organization**	BC Parks - Kootenay
Contact Email	amanda.weber-roy@gov.bc.ca	**Contact Phone**	250 489 9211
Contact Address	205 Industrial Road G		

Project Details

Project Description

Full Proposal Number	WR0000554
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Kootenay Lake Forest District
Management Unit:	TSA 13 Kootenay Lake
Project Site Location:	The project location is a 10.3 ha (8.9 ha net) treatment unit strip along the Lasca Creek Road in West Arm Park. Also adjacent to the community of Harrop-Procter and the Harrop-Procter Community Forest (map attached).
UTM Zone	11
UTM Easting	494182
UTM Northing	5494076
Location Map and Spatial Data File Attachment	WAP_Strickland_Basemap_2018-11-28.kmz
BEC Variant(s):	ICHdw1
Project Description:	FESBC provided funding to BC Parks to have prescriptions developed and refined and associated archaeological assessments for the four fuelbreak review areas and one maintenance area that are identified in the West Arm Provincial Park Fire Management Plan. Each fuelbreak review area was further divide up into plausible treatment units. Treatment Unit (TU 1) on the Harrop side of West Arm Park is one of the areas under prescription (attached). The West Arm Park Fire Management Plan can be found online at: http://www.env.gov.bc.ca/bcparks/planning/mgmtplns/westarm/west-arm-fire-management-plan-2017.pdf?v=1511558182112. BC Parks is currently working with partners at the City of Nelson and the Regional District of Central Kootenay to determine areas where we can work together to create landscape level shaded fuelbreaks that cross jurisdictional boundaries. BC Parks has also been working with the

	Harrop-Procter Community Forest to identify areas that can be treated as a result of the prescription development. A 10.3 ha (8.9 ha net) area has been identified for 8.1 ha of hand treatment and 0.8 ha of mechanical treatment along the Lasca Creek Road. This treatment will be a thin from below treatment on 8.1 ha and an overstory thinning treatment on 0.8ha which will reduce the stems per hectare and fuel build up thus reducing the wildfire risk to the adjacent WUI and the park. The project will take place in the fall of 2019 after the conclusion of the breeding bird season. This project aligns with the FESBC strategic priorities and society goals and addresses the purpose of reducing wildfire risk. BC Parks anticipates either chipping and hauling the chips away or chipping and spreading the chips on-site to decay or selling the wood for pulp, firewood or as artisan wood to ensure effective fibre utilization and minimize burning. Some piling and burning of debris will take place as a result of the biomass generated during the project. The Kootenay Boundary Regional Integrated Investment Specialist, Julie Castonguay is in support of this project and recognizes it is a high priority (Letter of Support attached in Land Manager Sections of this application). A letter of support from the Harrop-Procter Community Forest is also attached in the Partnership Section of this application. BCWS Wildfire Prevention Officer, Mike Morrow has also been engaged on this project. The prescription recommends maintenance requirements for this prescription and BC Parks intends to ensure this fuelbreak is actively maintained to ensure its effectiveness. Typically, BC Parks has been paying about $10,000 per hectare for these treatments.
Project Keyword:	West Arm Park Fuel Reduction - Harrop TU1
Attach Additional Information	WAPP Harrop Rx TU1 Final 28Oct2018.pdf WAP_Unit_1_Presc_Plan_Map_Avenza_2018_10_31.pdf WAP_Strickland_Basemap_Avenza_2018_11_27.pdf
Is an existing tenure already in place?	No
If no, then please identify the proposed tenures and/or authorities required to complete work.	Depending on the treatment specifications a Park Use Permit and an Occupant/Forest License to Cut may be required. If BC Parks deems they are required we will work with the successful contractor of a competitive procurement process for this work to obtain these authorizations.
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	Overstory Removal Fuel Management Treatments Thinning
FESBC Purposes	Wildfire risk reduction/mitigation Recovery of fibre (lumber, pulp, pellets, energy, etc.)
Describe how the project will achieve the specified purpose(s).	The attached overstory thin and thin from below prescription demonstrate that this project will provide a shaded fuelbreak and will reduce the risk of wildfire to the adjacent properties and community thus protecting the WUI zone as well as park values. A shaded fuelbreak will also provide opportunities for BC Wildfire Crews to have a chance to fight a fire that started in the park and threatened the adjacent community or fight the fire to protect park values if a fire started in the community and spread into the park. In order to promote a recovery of fibre BC Parks intends to use an effective fibre utilization method to minimize piling and burning of debris. If a pulp market for the stems being removed can be secured we will use that, if not we will chip and haul the chips away or chip and disperse the chips on site depending on costs. When we put this opportunity out to tender we will ask perspective bidders to come up with creative solutions as an alternative to burning and to maximize fibre utilization.
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.	During the competitive tendering process for this opportunity BC Parks will ask perspective bidders to secure a market for the fibre either as pulp, hog fuel, fire wood, artisan or other. If a market cannot be secured chipping will be used as an alternative. Chipping greatly increases the project costs so we will be encouraging and awarding more points in the tendering process if a market can be secured and perspective bidders will be informed of this.
Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	Treatment specifications in the attached prescription indicate parameters for retaining course and fine fuels. All woody debris outside of these targets must be removed. The intent is to pile and burn or chip and disperse any residual fibre (woody debris) that cannot be utilized.
Will the treatment involve broadcast burning to create plantable spots?	No

Work Standards and Development Status

Applicable Work Standards:	Park Act, BC Parks Tree Removal Policy, BC Parks Conservation Policy, Best Management Practices for Tree Removal in Parks and Protected Areas Planning and Best Management Practices for Tree Removal in Parks and Protected Areas Harvesting Operations and Ministry of Environment's Ventilation Index.
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.	April 04 - Harvesting.doc April 04- Planning.doc
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:	Once funding has been confirmed BC Parks will initiate consultation with First Nations to share information and determine if they have any information specific to this treatment area that must be incorporated. BC Parks has consulted with First Nations on the West Arm Park Fire Management Plan and no concerns were expressed or addtional information was shared at that time.
Development Status:	A Park Use Permit as well as an Occupant/Forest License to Cut may be required and will be applied for after funding is in place. Then a contractor will be hired through a competitive procurement process to conduct the treatment. BC Parks will then help the selected contractor to obtain the appropriate authorizations.
If available, please upload approved prescriptions and treatment maps for this project.	WAP_Unit_1_Presc_Plan_Map_Avenza_2018_10_31.pdf WAPP Harrop Rx TU1 Final 28Oct2018.pdf
Will this project (or a part thereof) be tendered?	Yes
If yes, please indicate the % of the project value tendered.	100%
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 contractor we hire to conduct the work must have the appropriate Commerical General Liability insurance as required by the Government of BC Procurement Policy and must be registered and in good standing with WorkSafe BC and be prepared to act as a Prime Contractor as defined by WorkSafe BC and as described in the Government of BC Prime Contractor Agreement if required.
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 and the West Arm Park Fire Management Plan identified priority areas for fuelbreak review and treatment. BC Parks has also engaged with Julie Castonguay, Kootenay Boundary Regional Integrated Investment Specialist to understand the regional priorities in terms of wildfire risk reduction (email attached). This project has also been discussed with Mike Morrow, Fuels Management Specialist from BC Wildfire Service.
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.
Describe any feedback or concerns from the Land Manager.	
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?	No
If yes, summarize any contributions from other funding sources, including in-kind contributions.	At this point no funding from other sources has been identified, however BC Parks has been working extensively with the Regional District of Central Kootenay, City of Nelson and the Harrop-Procter Community Forest to prioritize treatments from each agencies prospective plans to identify where we can work together to share and pool resources. If funding becomes available for this project through these partnerships FESBC will be notified immediately.
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?	BC Parks has been working extensively with the Regional District of Central Kootenay and the City of Nelson to determine priorities for treatments based on the recent Area E and F and City CWPP updates and the 2017 West Arm Park Fire Management Plan. This working group is hoping to share and pool resources in areas where treatments will align with agency goals regardless of jurisdictional boundaries. BC Parks has also been engaged with the Harrop-Procter Community Forest to determine where we can work together to pool resources.
Please upload any correspondence or supporting documentation.	HPCC letter of support WAP FES Nov2018.pdf
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 NOT being submitted on behalf of another organization.
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.	Currently, BC Parks will solely be delivering/implementing this project.

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	

Project Cost And Funding

Total Project Funds

Total Funds Contributed by the Proponent	Total Funds Requested from the Program
$0.00	$110000.00

Planned milestone & task

	2019/20	Total
Output Category		
Treatment Area (ha)	110000.00	**110,000.00**

Funds Requested from FESBC

	2019/20	Total
Start Date	09/16/2019	
End Date	12/16/2019	
Cost Category		
Material	$0.00	**$0.00**
Recipient Labour	$0.00	**$0.00**
Contracted Material/ Labour	$100000.00	**$100,000.00**
Equipment Charges	$0.00	**$0.00**
Project Supervision/ QA	$10000.00	**$10,000.00**
Administration	$0.00	**$0.00**
Total	$110,000.00	**$110,000.00**

Sources of Cash Funding *

Source Type	Name of Organization	Status	Amount
Amount Applied For	FESBC	Applied For	$110,000.00
		Total:	**$110,000.00**

Project Cost by Task

Activity *	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Fuel Management Treatment	09/16/2019	12/16/2019	$80,000.00	$0.00	$0.00	$80,000.00
Overstory Removal	11/18/2019	12/16/2019	$30,000.00	$0.00	$0.00	$30,000.00
					Total:	**$110,000.00**

Project Status

Project Status

FP status:	FP Received

Change History

Change History

Change History

FP Status	User	Date
Draft FP	Amanda Weber-Roy	11/27/2018 11:24:49 AM
Draft FP	Amanda Weber-Roy	11/27/2018 11:25:19 AM
Draft FP	Amanda Weber-Roy	11/27/2018 11:30:25 AM
Draft FP	Amanda Weber-Roy	11/27/2018 11:35:25 AM
Draft FP	Amanda Weber-Roy	11/27/2018 02:11:46 PM
Draft FP	Amanda Weber-Roy	11/27/2018 02:11:47 PM
Draft FP	Amanda Weber-Roy	11/27/2018 03:56:57 PM
Draft FP	Amanda Weber-Roy	11/27/2018 04:01:57 PM
Draft FP	Amanda Weber-Roy	11/27/2018 04:06:58 PM
Draft FP	Amanda Weber-Roy	11/27/2018 04:32:02 PM
Draft FP	Amanda Weber-Roy	11/27/2018 04:36:58 PM
Draft FP	Amanda Weber-Roy	11/27/2018 04:41:58 PM
Draft FP	Amanda Weber-Roy	11/27/2018 05:02:01 PM
Draft FP	Amanda Weber-Roy	11/27/2018 05:06:57 PM
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Draft FP	Amanda Weber-Roy	11/29/2018 11:53:42 AM
Draft FP	Amanda Weber-Roy	11/29/2018 02:34:09 PM
Draft FP	Amanda Weber-Roy	11/29/2018 04:03:40 PM
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Draft FP	Amanda Weber-Roy	11/29/2018 09:09:42 PM
Draft FP	Amanda Weber-Roy	11/29/2018 09:56:19 PM
Draft FP	Amanda Weber-Roy	11/29/2018 09:58:57 PM
Draft FP	Amanda Weber-Roy	11/29/2018 10:00:27 PM
Draft FP	Amanda Weber-Roy	11/29/2018 10:04:10 PM

Draft FP	Amanda Weber-Roy	11/29/2018 10:06:59 PM
Draft FP	Amanda Weber-Roy	11/29/2018 10:08:18 PM
Draft FP	Amanda Weber-Roy	11/29/2018 10:09:51 PM
FP Submitted	Amanda Weber-Roy	11/29/2018 10:10:11 PM