

Full Proposal

Full Proposal Details
Full Proposal # :WR0000593
Full Proposal Status : FP Received

Project Information

Terms and Conditions			
To review the terms and conditions click here			
Project Information			
Project Title:	Moyie Shores Estates Fuel Reduction Treatment	Project Country:	Canada
Primary Purpose:	Wildfire Risk Reduction	Project Location - State/Province:	British Columbia
Project Start Date	04/01/2019	Postal Code	V1C 7E5
Project Completion Date	03/31/2021		

Contact Information

Principal Contact Information			
Principal Contact Name:	Yvan Kathriner	City	Cranbrook
Country	Canada	Postal Code	V1C 7E5
Province	British Columbia	Proponent's Organization	Nupqu Development Corporation
Contact Email	ykathriner@nupqu.com	Contact Phone	250-489-5762
Contact Address	7443 Mission Road		

Project Details

Project Description	
Full Proposal Number	
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Rocky Mountain District
Management Unit:	TSA 05 Cranbrook
Project Site Location:	Western shores of Moyie Lake immediately adjacent to homes around the Moyie Shores and Eiyom Estates.
UTM Zone	
UTM Easting	
UTM Northing	
Location Map and Spatial Data File Attachment	Field Map Nov 6_Moy2.pdf MOY2 draft treatment area.kmz
BEC Variant(s):	ICH dw1
Project Description:	This project will provide wildfire fuel mitigation using a hand treatment of the MOY2 bloc, a 20ha area on Crown Land immediately adjacent to homes around the Moyie Shores and Eiyom Estates. The homes in the area were on evacuation order during the 2017 Lumberton Fire (N11927). The most recent Community Wildfire Protection Plan by the RDEK prioritizes MOY2 as a treatment area. This project is part of the 5 year Ecosystem Restoration priority list for the draft Rocky Mountain ER Program being developed by Randy Harris. The prescription will be designed to create a shaded fuel break in a protective buffer around homes, anchored on Moyie lake, past selective harvesting, and egress roads. It is anticipated that the prescription will leave the majority of any merchantable timber and treatment method will be hand treatment. Consultation with the Moyie Shores Estates and First Nations is to be completed during the prescription, which is currently being developed by Nupqu under contract to the RDEK. The goal of the

	<p>treatment will be to reduce fuel loading to reduce the risk of passive, active, and independent crown fires and to reduce the risk of an intense, fast moving ground fire. FireSmart principals will be applied to FireSmart Zones that extend onto Crown land. Due to the constraint in the treatment area, which including potentially unstable terrain, OGMA, steep slopes, visuals, archaeology, and close proximity to homes, a hand treatment method is best suited. While the prescription details are in progress, some merchantable trees are expected to be removed, especially in the FireSmart Zones. As part of FESBC's carbon objective, every effort will be made to not burn the debris. Options that are being explored include chipping debris before moving off-site and producing a forest product from larger merchantable timber with limited to no machines off of the existing roads.</p>
Project Keyword:	Moy2 Bloc
Attach Additional Information	
Is an existing tenure already in place?	Yes
If no, then please identify the proposed tenures and/or authorities required to complete work.	This treatment is within Canadian Forest Products operating area.
Will your project create a silviculture obligation?	No
If yes, who will hold that obligation?	Thinning treatment will not create a silviculture obligation.
Is this project located in the Wildland Urban Interface?	Yes

Project Activities and Objectives

Project Activities	<p>Fuel Management Treatments</p> <p>Biomass Utilization</p> <p>Thinning</p> <p>Trucking</p>
FESBC Purposes	<p>Wildfire risk reduction/mitigation</p> <p>Recovery of fibre (lumber, pulp, pellets, energy, etc.)</p>
Describe how the project will achieve the specified purpose(s).	<p>This project will address FESBC wildfire risk reduction, fibre utilization, and carbon offsetting priorities. This project will achieve wildfire risk reduction through removal of wildfire fuels using a hand treatment of the MOY2 bloc, a 20ha area on Crown Land immediately adjacent to homes around the Moyie Shores and Eiyom Estates, located within a forested area. The goal of the treatment will be to reduce fuel loading to reduce the risk of passive, active, and independent crown fires and to reduce the risk of an intense, fast moving ground fire. FireSmart principals will be applied to FireSmart Zones that extend onto Crown land. Due to the constraint in the treatment area, which including potentially unstable terrain, OGMA, steep slopes, visuals, archaeology, and close proximity to homes, a hand treatment method is best suited. During the wildfire prescription treatment the project will endeavour to meet FESBC fibre recovery and carbon offsetting priorities by having debris sorted to allow for chipping and removal of sound wood to a pulp or co-generation facility. The cost of chipping and transporting the debris is expected to offset any revenues from this fibre. There is a waste transfer station located 4 kilometers from the site and Npqu intends to engage the RDEK to explore options for disposal of the woody debris not suitable for pulp or hog fuel in order to avoid pile burning.</p>
Identify the repository for the final deliverables	<p>This project will implement a fuel treatment prescription and result in immediete delivery of reduced wildfire threat..</p>
Utilization of Wood Fibre	
If applicable, indicate use of removed fibre or non-burning waste management practices.	<p>The project will avoid debris burning by sorting and separating sound wood for chipping and transportation of product to pulp and hog fuel users, and possibly fire wood.</p>
Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	<p>Branches may be chipped and dispersed on site, eventually decomposing. Alternatively Nupqu plans to engage the RDEK to investigate whether woody debris can be disposed of at their nearby waste transfer station.</p>
Will the treatment involve broadcast burning to create plantable spots?	No

Work Standards and Development Status

Applicable Work Standards:	<p>Applicable work standards include: - WorkSafe BC - Applicable management standards WildFire Act - The prescription is being developed consistent with standards in the Strategic Wildfire Prevention Initiative and treatments will be consistent with Guidelines for Wildfire Risk Reduction on Crown Land. - Danger tree assessor certification - BC Certified Fallers - FireSmart principles</p>
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 is expected to take place before May 17, 2019 as part of prescription development currently underway.
Development Status:	Treatment prescription is currently being developed..
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.	Transportion, arborist, and possibly chipping estimated at 6.2%.
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.	

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.	Nupqu has consulted with the provincial Integrated Investment Specialist based in Nelson, as well as the regional Wildfire Prevention Officer, and the regional Stewardship Forester. Finally, Nupqu has confirmed with the Regional District of East Kootenay Emergency Management Coordinator that the RDEK has no intention of implementing the prescription for this treatment, which they have commissioned Nupqu to develop.
Describe how the project aligns with the Land Manager's strategic planning and/or integrated investment planning.	The prescription for treatment of Moy2 was commissioned by the RDEK in 2018 because it is identified in the Community Wildfire Protection Plan. This project is listed in the Rocky Mountain District 5 year Ecological Restoration Plan. This project is within the Wildfire Urban Interface Area, which is a higher priority for treatment. Every effort will be made during treatment activities not to burn the debris on site. Nupqu understands the future model of integrated treatments should provide wildfre mitigation while utilizing fibre and reducing emissions.
Describe any feedback or concerns from the Land Manager.	The Wildfire Prevention Officer has expressed an interest in the stand composition post treatment associated with shaded fuel break that is being proposed in the prescription.
Attach copies of any correspondence from the Forest District.	FW_ FESBC Julie Castonguay.pdf FW_ FESBC Scott Hicks.pdf RE_ FESBC Mike Morrow.pdf

Partnerships

Will this project be receiving funds from another organization?	Yes
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If yes, summarize any contributions from other funding sources, including in-kind contributions.	This project is proposing to implement a prescription that has been paid for by the Strategic Wildfire Prevention Initiative, being administered by the RDEK. This project is consistent with the existing RDEK Community Wildfire Protection plan.
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?	This project is proposing to implement a wildfire prescription that was commissioned by the RDEK, who have made clear that they will not be seeking implementation funding. Nupqu has sought to engage Canadian Forest Products to confirm their plans the proposed treatment area but had not received a reply by the time this application was due. Nupqu has a strong working relationship with Canfor and the Planning Forester Ian Johnson and plans to engage them during development of the treatment prescription to confirm their plans and offer first right of refusal for the merchantable timber. Finally, Nupqu would investigate customers for the pulping wood, chipped hog fuel, and or fire wood.
Please upload any correspondence or supporting documentation.	FW_ FESBC Application from Terry.pdf
Is this a First Nations Organization?	Yes
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
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.	This project may require arborist and transportation subcontractors.

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?	No
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	\$325780.00

Planned milestone & task

	2019/20	2020/21	Total
Output Category			
Treatment Area (ha)	15.00	5.00	20.00

Funds Requested from FESBC			
	2019/20	2020/21	Total
Start Date	04/01/2019	01/01/2020	
End Date	12/31/2019	03/31/2021	
Cost Category			
Material	\$7200.00	\$2400.00	\$9,600.00
Recipient Labour	\$202710.00	\$67570.00	\$270,280.00
Contracted Material/ Labour	\$15180.00	\$5060.00	\$20,240.00
Equipment Charges	\$7800.00	\$2600.00	\$10,400.00
Project Supervision/ QA	\$3375.00	\$1125.00	\$4,500.00
Administration	\$8070.00	\$2690.00	\$10,760.00
Total	\$244,335.00	\$81,445.00	\$325,780.00

Sources of Cash Funding [*]			
Source Type	Name of Organization	Status	Amount
Amount Applied For	FESBC	Applied For	\$325,780.00
		Total:	\$325,780.00

Project Cost by Task						
Activity [*]	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Treatment	04/01/2019	03/31/2021	\$325,780.00	\$0.00	\$0.00	\$325,780.00
					Total:	\$325,780.00

Project Status

Project Status	
FP status:	FP Received

Change History

Change History		
Change History		
FP Status	User	Date
Draft FP	Kevin Wilson	11/29/2018 01:09:26 PM
Draft FP	Kevin Wilson	11/29/2018 01:14:31 PM
Draft FP	Kevin Wilson	11/30/2018 04:10:54 PM
Draft FP	Kevin Wilson	11/30/2018 04:30:54 PM
Draft FP	Kevin Wilson	11/30/2018 04:40:54 PM
Draft FP	Kevin Wilson	11/30/2018 04:45:57 PM
Draft FP	Kevin Wilson	11/30/2018 04:55:55 PM

Draft FP	Kevin Wilson	11/30/2018 05:00:54 PM
Draft FP	Kevin Wilson	11/30/2018 05:05:54 PM
Draft FP	Kevin Wilson	11/30/2018 05:10:54 PM
Draft FP	Kevin Wilson	11/30/2018 05:15:54 PM
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Draft FP	Kevin Wilson	11/30/2018 06:58:11 PM
Draft FP	Kevin Wilson	11/30/2018 07:01:07 PM
Draft FP	Kevin Wilson	11/30/2018 07:06:16 PM
Draft FP	Kevin Wilson	11/30/2018 07:06:19 PM
FP Submitted	Kevin Wilson	11/30/2018 07:08:19 PM