

Full Proposal

Full Proposal Details
Full Proposal # :FC0000540
Full Proposal Status : FP Received

Project Information

Terms and Conditions			
To review the terms and conditions click here			
Project Information			
Project Title:	Skookumchuck Pulp Bush Grinding Program	Project Country:	Canada
Primary Purpose:	Forest Carbon	Project Location - State/Province:	British Columbia
Project Start Date	01/01/2019	Postal Code	V0B 2E0
Project Completion Date	12/31/2021		

Contact Information

Principal Contact Information			
Principal Contact Name:	Albert Penson	City	Skookumchuck
Country	Canada	Postal Code	V0B 2E0
Province	British Columbia	Proponent's Organization	Skookumchuck Pulp Inc.
Contact Email	apenson@skkpulp.com	Contact Phone	2504210330
Contact Address	4501 Farstad Way		

Project Details

Project Description	
Full Proposal Number	FC0000540
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Rocky Mountain District
Management Unit:	TSA 05 Cranbrook TSA 07 Golden TSA 09 Invermere
Project Site Location:	Multiple sites located in the Rocky Mountain trench south of Golden to Canada/USA border.
UTM Zone	
UTM Easting	
UTM Northing	
Location Map and Spatial Data File Attachment	FC0000540-1-Bush Grinding Location Map.pdf
BEC Variant(s):	
Project Description:	The funding from this project will enable Skookumchuck Pulp Inc. (SPI) the ability to expand the economic circle north and south of the pulpmill for grinding waste/slash piles resulting from the log harvesting activities in this region. Every site that where the harvesting waste and slash can be processed and transported to SPI's cogen facility at Skookumchuck will reduce the greenhouse gas emissions caused by act of burning this waste in slash piles. SPI's total biomass supply budget is \$6,278,000 annually of which 40,000 BDt is sourced by the bush grinding operations. Of this portion 24,000 BDt is from the Canfor WLC operations, 5,000 BDt will be from the City of Cranbrook Interface fire protection projects, 1,000 BDt will be from other obligations with the remaining 10.,000 BDt has to be sourced from other opportunities within the Rocky Mountain trench. The total amount budgeted for these other opportunities is \$403,700 but the

	estimated total required to expand the operations into areas currently outside the economic circle is \$582,400. For all operations, SPI will cover the costs of the equipment and labourt for set-up, grinding, and material loading into the trucks (\$21.23/BDt). SPI will also cover the freight costs up to \$19.14/BDt. Funding will be required for the difference over this for an estimated \$17.87/BDt which will be the additional trucking costs and/or site costs in areas that are normally inaccessible. Please note: SPI's budget and financials are based on BONE DRY tonnes (BDt). We have calculated a conversion rate of 29 M3/BDt based on actual slash pile estimates (M3) over actual weights and tests on volumes delivered (BDt) to the Skookumchuck cogen facility.
Project Keyword:	Bush Grinding
Attach Additional Information	
Is an existing tenure already in place?	No
If no, then please identify the proposed tenures and/or authorities required to complete work.	BC timber sales, local logging contractors.
Will your project create a silviculture obligation?	No
If yes, who will hold that obligation?	
Is this project located in the Wildland Urban Interface?	No

Project Activities and Objectives

Project Activities	Road and Landing Rehab Biomass Utilization Trucking
FESBC Purposes	Recovery of fibre (lumber, pulp, pellets, energy, etc.) Opportunities to attain carbon benefits
Describe how the project will achieve the specified purpose(s).	This project will reduce carbon emissions by reducing the amount of harvesting sites in the Rocky Mountain trench by utilizing the logging waste in the production of green energy at the Skookumchuck Pulp Mill cogeneration site.
Identify the repository for the final deliverables	Forest District
Utilization of Wood Fibre	
If applicable, indicate use of removed fibre or non-burning waste management practices.	The ground wood waste will be consumed in the co-generation plant at the Skookumchuck pulp mill to produce green energy as part of the contract with BC Hydro. Please note: The existing agreement between SPI and BC Hydro expires Nov 2019. Negotiations are underway for renewal.
Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	The slash piles will be eliminated and the landings will be cleared of any residual fibre.
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
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:	As this funding request is for grinding on sites already in progress or approval is pending, SPI would totally

	expect this information to be shared with First Nations if required.
Development Status:	None at this time
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 contractor is hired and will be monitored regularly by a delegate of SPI. All current WCB regulations will be applicable for all employers and employees on every site.
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.	
Describe how the project aligns with the Land Manager's strategic planning and/or integrated investment planning.	
Describe any feedback or concerns from the Land Manager.	
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?	
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.	This proposal is being submitted directly by Skookumchuck Pulp Inc.
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 will be implemented by Skookumchuck Pulp Inc. (SPI) and BC Timber Sales. 1. BC Timber Sales will notify SPI when there is a potentially qualified grinding site available for inclusion in this program 2. SPI will evaluate the proposal to determine the feasibility and schedule and manage the grinding and trucking resources accordingly. SPI will also be responsible for the reporting associated with the completion of each grinding site.

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	
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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	\$536100.00

Planned milestone & task

	2019/20	2020/21	2021/22	Total
Output Category				
Biomass Utilized, Not Burnt (m3)	250000.00	250000.00	250000.00	750,000.00

Funds Requested from FESBC

	2019/20	2020/21	2021/22	Total
Start Date	04/01/2019	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	\$0.00	\$0.00	\$0.00	\$0.00
Equipment Charges	\$178700.00	\$178700.00	\$178700.00	\$536,100.00
Project Supervision/ QA	\$0.00	\$0.00	\$0.00	\$0.00
Administration	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$178,700.00	\$178,700.00	\$178,700.00	\$536,100.00

Sources of Cash Funding ^{*}

Source Type	Name of Organization	Status	Amount
Proponent Contribution	Skookumchuck Pulp Inc.	Confirmed	\$1,211,100.00
Amount Applied For	FESBC	Applied For	\$536,100.00
		Total:	\$1,747,200.00

Project Cost by Task

Activity *	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
Bush Grinding	04/01/2019	03/31/2020	\$178,700.00	\$403,700.00	\$0.00	\$582,400.00
Bush Grinding	04/01/2020	03/01/2021	\$178,700.00	\$403,700.00	\$0.00	\$582,400.00
Bush Grinding	04/01/2021	03/31/2022	\$178,700.00	\$403,700.00	\$0.00	\$582,400.00
					Total:	\$1,747,200.00

Project Status

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Reviewer score Table

Reviewer	IIS Reviewer Comments	Description/Instructions	Max Score (note scoring is optional)	Comments	Score	Updated On
Brian Watson	Forest Carbon Review (FLNRORD)	Please provide comments pertaining to the proposed benefits towards reduction of GHGs and/or carbon sequestration. Indicate if the proposal will support overall achievement of Provincial carbon objectives.	0	High - \$29.03 Incremental haul of ground logging waste piles for power production at a pulp mill. When developing the baseline existing, unfunded by govt., bush grinding activities are ongoing in the area and will inform the economic range and thus the baseline.	1.00	12/17/2018 01:53:51 PM

Change History

Change History

FP Status	User	Date
Draft FP	Albert Penson	11/25/2018 03:57:13 PM
Draft FP	Albert Penson	11/25/2018 04:17:19 PM
Draft FP	Albert Penson	11/25/2018 04:20:18 PM
Draft FP	Albert Penson	11/25/2018 04:23:35 PM
Draft FP	Albert Penson	11/25/2018 04:39:05 PM
Draft FP	Albert Penson	11/25/2018 04:43:37 PM
Draft FP	Albert Penson	11/25/2018 04:51:43 PM
Draft FP	Albert Penson	11/25/2018 05:01:43 PM
Draft FP	Albert Penson	11/25/2018 05:14:29 PM
Draft FP	Albert Penson	11/25/2018 05:19:35 PM
Draft FP	Albert Penson	11/25/2018 05:23:05 PM
Draft FP	Albert Penson	11/25/2018 09:14:28 PM

Draft FP	Albert Penson	11/25/2018 09:19:28 PM
Draft FP	Albert Penson	11/25/2018 09:24:28 PM
Draft FP	Albert Penson	11/25/2018 09:27:09 PM
Draft FP	Albert Penson	11/25/2018 09:32:15 PM
Draft FP	Albert Penson	11/25/2018 09:32:16 PM
Draft FP	Albert Penson	11/25/2018 09:32:47 PM
Draft FP	Albert Penson	11/25/2018 09:36:48 PM
Draft FP	Albert Penson	11/25/2018 09:40:23 PM
Draft FP	Albert Penson	11/25/2018 09:41:20 PM
Draft FP	Albert Penson	11/25/2018 09:46:25 PM
Draft FP	Albert Penson	11/25/2018 09:48:47 PM
Draft FP	Albert Penson	11/26/2018 10:13:25 AM
Draft FP	Albert Penson	11/26/2018 10:18:30 AM
Draft FP	Albert Penson	11/26/2018 10:20:11 AM
FP Submitted	Albert Penson	11/26/2018 02:16:43 PM
FP Received	Brian Watson	12/17/2018 01:53:51 PM