

Full Proposal

Full Proposal Details
Full Proposal # :FC0000575
Full Proposal Status : FP Received

Project Information

Terms and Conditions

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

Project Information

Project Title:	Fiber Utilization - CP 410 - Laird Creek
Primary Purpose:	Forest Carbon
Project Start Date	12/17/2018
Project Completion Date	12/27/2019

Project Country:	Canada
Project Location - State/Province:	British Columbia
Postal Code	V1L 6P7

Contact Information

Principal Contact Information

Principal Contact Name:	Bill Kestell
Country	Canada
Province	British Columbia
Contact Email	bkestell@shaw.ca
Contact Address	Box 850

City	Salmo
Postal Code	V0G 1Z0
Proponent's Organization	Cooper Creek Cedar Ltd
Contact Phone	250-229-4536

Project Details

Project Description

Full Proposal Number	FC0000575
Full Proposal Upload (PDF)	
Region	Kootenay Boundary Region
Resource District	Selkirk District
Management Unit:	TSA 13 Kootenay Lake
Project Site Location:	FL A30171-CP 410 - Laird Ck located 30-km north of Nelson, BC along Hwy 3A. To access Blk 1, turn right at the Balfour Fire Hall and proceed 4-km up the Redfish FSR to switchback spur and travel 2-km to Blk 1. Blk 1 - 082F066 To access blocks 10,11 travel to Balfour Transfer Station, turn left to the Balfour Face Forestry Road. Travel 1.3-km and turn right onto the spur into the blocks. To access blocks 12,13 travel to 2-km on the Balfour Face forestry road, turn left to access blocks 12,13. Blks 10,11,12,13-82F066
UTM Zone	11
UTM Easting	500700
UTM Northing	549800
Location Map and Spatial Data File Attachment	CP410_proads_access_blocks.kmz CP410_AppraisalMap.pdf
BEC Variant(s):	ICH dw1
Project Description:	Full Stand/Forest Utilization: In the harvesting phase (which contractually only targets sawlog quality wood) all non-merchantable understory pole category stems (stems <17.5cm DBH that can be processed to a 2" top) and dead standing logs will be felled and placed in the bunched sawlog piles. The entire bunch will be skidded to the landing. Additionally, the blown down logs in the block, that are pulp quality, where practicable, will be bunched into skiddable bunches in the harvesting/bunching phase and skidded to the landing. At the landing in the sorting/processing phase, all the non-merchantable stems will be manufactured to Celgar's log specifications, targeting a 2" top, and these logs will be decked in a pulp sort. Additionally, the top log of the sawlogs will be cut to a 2" top and included in the pulp sort in the

	manufacturing/processing/sorting phase. The pulp sort will be manufactured to short log specs for loading & hauling.. The pulp sort will be loaded onto short logging trucks concurrently with the logging/loading phase.
Project Keyword:	Full Stand/Forest Utilization - CP 410
Attach Additional Information	CP 410 - Full Stand Utilization Budget.xlsx
Is an existing tenure already in place?	Yes
If no, then please identify the proposed tenures and/or authorities required to complete work.	FL A30171 CP 410 Cutting Permit and RP R21925 have been approved. there are no other tenure permits required to complete the applied for projects
Will your project create a silviculture obligation?	Yes
If yes, who will hold that obligation?	Cooper Creek Cedar Ltd
Is this project located in the Wildland Urban Interface?	Yes

Project Activities and Objectives

Project Activities	Overstory Removal Biomass Utilization
FESBC Purposes	Wildfire risk reduction/mitigation Recovery of fibre (lumber, pulp, pellets, energy, etc.)
Describe how the project will achieve the specified purpose(s).	During the harvesting phase of CP 410, a significant amount of fiber (estimated 8,000-m3), that is incremental to the legal Licensee's tenure obligations, will be felled/skidded/processed/loaded and trucked off of the permit area to the local pulp facility, Celgar. This is Incremental volume above contractual/legal logging obligations: - understory stems <17.5cm @ DBH (1.3-m above ground level) that can be bucked to a 2" top will be harvested - standing grade 4 stems will be harvested - where practicable, blown down logs that meet the pulp log specifications will be skidded to the landing & processed into the pulp sort - where practicable, in the sawlog processing phase, the top log will be manufactured to a 2" top and included in the pulp sort - approximately 13% of the total cruised Net Merchantable Volume of the permit is designated as Dead Potential. Because of the historic shortfall of cruised volumes, CCC would not expect to harvest the total dead potential volume during the contractual logging ;phase, subsequently CCC contends that harvesting the dead potential is incremental volume that would only be harvested with the proposed funding projects. - the non-merchantable understory <17.5cm @ DBH is incremental to CCC's legal/contractual harvesting obligations. - in the contractual logging phase, the processed sawlog tops would not be processed to a 2" top and included in the pulp sort. In this project, the sawlog tops will be processed to a 2" top & included in the pulp sort - the volume prescribed to be harvested in the Full Stand/Forest Utilization proposal would be left in the block &/or logging debris piles at the landing to be burned in the normal harvesting of CP 410. CCC contends that removing the understory and grade 4 logs throughout the cutting permit and hauling the fiber to Celgar would significantly reduce the amount of logging waste that would be burned.
Identify the repository for the final deliverables	RESULTS (haravesting), Celgar (pulp deliveries)
Utilization of Wood Fibre	
If applicable, indicate use of removed fibre or non-burning waste management practices.	The volume of pulp quality fibre that would be removed will be hauled to the Celgar pulp mill. This will significantly reduce the volume/amount of non-merchantable fibre that would normally be left on site and/or be a ground fuel source for ground fire &/or reduce the amount of waste/fibre that would be in the landing debris piles and burned. Note: removing the non-merchantable understory and a volume of the blown down wood will significantly reduce the volume of material that will be piled & burned in the "fuel reduction funding proposal"; thus reducing the amount of burn piles throughout the cutting permit in the fuel reduction project, again reducing the amount of burning that would normally occur.
Describe your plan for residual fibre treatment (e.g. burn, or bulldoze/chip/grind and leave to decay).	CCC is submitting a funding request for "fuel reduction" - the objective of this project is to reduce the residual ground fuels - fines (branches, small understory) & dead wood on the ground - through a machine collecting, piling and burning of the residual ground fuels. The project is a machine pile augmented with a second hand cleanup entry if the machine work does not meet the desired objective of cleaning the forest floor of the majority of the ground fuels. Any remaining residual fibre would be retained as Coarse Woody Debris to rot with the residual fines.
Will the treatment involve broadcast burning to create plantable spots?	No

Work Standards and Development Status

Applicable Work Standards:	General Standards for Ministry Funded Programs - effective June 2012
Has a variance to the above listed standards been requested?	No

If yes, please describe the variance request.	The work will be governed by the "General Standards for Ministry Funded Programs - Effective June 2012" and the attached CP 410-Full Stand Utilization Work Plan
Where government work standards are not available, please upload an auditable workplan. A template can be downloaded in the application template section above.	General Standards for Ministry Funded Programs-June 2012.pdf CP 410 - Full Stand Utilization Work Plan.docx CP410_Schedule A_Cruise_Reserve_Tree_Info.pdf
For reference, Ministry Activity Standards can be located at the following URL: http://www2.gov.bc.ca/gov/content/environ-ment/natural-resource-stewardship/land-based-investment/forests-for-tomorrow. You can also find the link in the Information menu.	
First Nations information Sharing:	Cooper Creek Cedar Ltd referred the CP 410 Cutting Permit/Road Permit applications to all applicable First Nations Bands. CCC did not recieve any concerns from First Nations Bands during the referral period. CCC submitted the First Nations Sharing Summary to Selkirk Forest District in the CP/RP application submmissions. MFLNRO approving the RP & CP indicates that CCC satisfactorily met the requirements of First Ntaions Referral
Development Status:	CP 410 Cutting Pemit is approved. Road permits required to access CP 410 have been approved and the roads have been constructed
If available, please upload approved prescriptions and treatment maps for this project.	CP 410 Blk 1 Site Plan_FINAL_SIGNED.pdf CP 410 Blk 10 Site Plan_FINAL_SIGNED.pdf CP 410 Blk 11 Site Plan_FINAL_SIGNED.pdf CP 410 Blk 12 Site Plan_FINAL_SIGNED.pdf CP 410 Blk 13 Site Plan_FINAL_SIGNED.pdf CP410_SP_Map_BK_1.pdf CP410_SP_Map_BK_10.pdf CP410_SP_Map_BK_11.pdf CP410_SP_Map_BK_12.pdf CP410_SP_Map_BK_13.pdf R21925 ESF#1768936 amendment approval letter signed-CP 410-08-06-2018.pdf A30171_CP 410_Approved Cutting Permit_29_11_2018.pdf
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 logging contractor completing the logging operation will be required to be WorkSafe Certified. CCC will conduct regular logging inspections (minimum 1 inspection/week) to ensue the contractor's safety plan is enforced.
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.	Cooper Creek Cedar Ltd will only pay the logging contractor for the sawlog volume (sawlog grades 1/2) delivered to mills. The funding request is only for the non-sawlog grades that will delivered to Celgar (Note: in this sort there will be a small component of sawlog that is unavoidable to be included in the pulp sort. ie sawlog portion of the top section of the sawlog that is cut to a top size to meet market mills' specifications will be in the top log section to a 2" top that will be in the pulp sort.) The funding request is for 100% of the pulp delivered to Celgar - completely separate from CCC's payment to the contractor and is 100% incremental to CCC's legal obligations/tenure obligations in harvesting CP 410. CCC understands that Celgar will be the recipient of FES funds (if approved) and Celgar would pay the logging contractor directly - CCC would not receive any FES funds for this project.

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.	n/a
If applicable, describe how the project will coordinate with FFT or other initiatives within the Timber Supply Area.	n/a
Describe any partnerships with another organization or agency?	CCC is partnering with Mercer Celgar for this project. Celgar has agreed to accept the pulp sort from this project and is encouraging & supporting CCC to harvest the incremental pulp volume from CP 410. CCC will not receive the FES funding - the funding will be paid to Celgar and Celgar will pay the logging contractor directly based on the pulp volume delivered to Celgar. CCC will not receive any FES funding from this project.
Please upload any correspondence or supporting documentation.	Letter of Support for Porcupine-Celgar-29-11-2018.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.	(not sure if this is applicable). CCC has been informed that the FES funding cannot be paid to CCC, as a Licensee. The funding will be paid to Celgar based on the pulp volume delivered to Celgar. CCC will be paying the contractual logging rate (\$27.50/m3) to the logging contractor for the sawlog grade 1/2 delivered to mills. CCC will also pay the logging contractor \$27.50/m3 for the volume of pulp delivered to Celgar, and Celgar will pay the logging contractor the additional \$15.00/m3, as per the FES funding, to the logging contractor as a "pulp bonus".
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.	Mercer Celgar pulp mill. CCC's role: CCC will be paying the contractual logging rate (\$27.50/m3) to the logging contractor for the sawlog grade 1/2 delivered to mills. CCC will also pay the logging contractor \$27.50/m3 for the volume of pulp delivered to Celgar. Celgar's role: Celgar will pay the logging contractor the additional \$15.00/m3, as per the FES funding, to the logging contractor as a "pulp bonus" for the pulp volume delivered to Celgar.

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	\$120000.00

Planned milestone & task

	2018/19	Total
Output Category		

Treatment Area (ha)	64.70	64.70
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Funds Requested from FESBC

	2018/19	Total
Start Date	12/17/2018	
End Date	12/27/2019	
Cost Category		
Material	\$0.00	\$0.00
Recipient Labour	\$0.00	\$0.00
Contracted Material/ Labour	\$0.00	\$0.00
Equipment Charges	\$120000.00	\$120,000.00
Project Supervision/ QA	\$0.00	\$0.00
Administration	\$0.00	\$0.00
Total	\$120,000.00	\$120,000.00

Sources of Cash Funding ^{*}

Source Type	Name of Organization	Status	Amount
Amount Applied For	FES	Applied For	\$792,980.00
		Total:	\$792,980.00

Project Cost by Task

Activity [*]	Start Date	End Date	Funds Requested from FESBC	Funds contributed by Applicant	Funds from Other Sources	Total
In the harvesting phase of CP 410: during the logging contractor phase (stump to truck) the non-merchable understory & the dead standing/down pulp logs will be felled/skidded/processed/decked/loaded and hauled to Celgar Pulp Mill	12/17/2018	12/27/2019	\$120,000.00	\$672,980.00	\$0.00	\$792,980.00
					Total:	\$792,980.00

Project Status

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FP status:	FP Received
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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	Medium \$29.38 Proponent is conducting 100% utilization on a block where, understory stems,	1.00	12/17/2018 03:13:21 PM

				grade 4 and tops will be collected and transported to a pulp mill. This material would otherwise be burnt in a landing pile. An incremental haul project that is also achieving wildfire risk reduction goals close to a community.		
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Change History

Change History

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FP Status	User	Date
Draft FP	Bill Kestell	11/28/2018 02:26:40 PM
Draft FP	Bill Kestell	11/28/2018 02:28:38 PM
Draft FP	Bill Kestell	11/28/2018 02:33:52 PM
Draft FP	Bill Kestell	11/28/2018 02:38:52 PM
Draft FP	Bill Kestell	11/28/2018 02:39:29 PM
Draft FP	Bill Kestell	11/28/2018 02:41:37 PM
Draft FP	Bill Kestell	11/28/2018 04:07:20 PM
Draft FP	Bill Kestell	11/28/2018 04:10:20 PM
Draft FP	Bill Kestell	11/28/2018 04:15:25 PM
Draft FP	Bill Kestell	11/28/2018 04:24:26 PM
Draft FP	Bill Kestell	11/28/2018 04:25:07 PM
Draft FP	Bill Kestell	11/28/2018 04:40:51 PM
Draft FP	Bill Kestell	11/28/2018 04:40:56 PM
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Draft FP	Bill Kestell	11/28/2018 06:43:59 PM
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Draft FP	Bill Kestell	11/30/2018 11:55:38 AM
FP Submitted	Bill Kestell	11/30/2018 11:55:50 AM
FP Received	Brian Watson	12/17/2018 03:13:21 PM