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March 20th, 2009

Ray Ault
Group Supervisor
Wildland Fire Operations Research Group
FPInnovations, Feric Division
1176 Switzer Drive
Hinton, Alberta, T7V 1V3

Dear Ray:

Re: Woody Debris Management Program.

Please accept the attached proposal and work plan for the Woody Debris Management program.

Project Background:

B. Berry Enterprises (BBE) and Ceteris Contracting Ltd. (CCL) are working together on a number of Island Timberland's sites close to Port Alberni to remove the roadside woody debris without burning. Roadside logging debris is hogged in a 3680 Beast Wood Recycler to produce hog fuel, which is then delivered in a Tri Drive truck with a 55m³ dump box to Catalyst Paper.

Any merchantable timber that may have been missed during the harvest phase is separated from the debris during this process. In 2009 this work will expand to also segregate woody debris more suited for commercial firewood production.

Although the grinder is mobile, productivity is increased the fewer times it is moved.

We believe that that bringing unconsolidated wood material from roadside accumulations to a central location in a cutblock will decrease the operating cost of generating hog fuel. Centralizing in locations such as heli service landings that are large enough to operate the grinder, and load maximum payloads of hog fuel into trucks, is crucial for decreasing the cost of removing debris without open burning.

Project Objectives:

The objective is to undertake a trial of a number of trailer configurations in 2009 to facilitate the centralization of debris for effective hogging and transportation.

During the term of the project, a number of different types of trailers that can be utilized with the existing Tridem bin truck will be rented or modified. Some of the proposed configurations will only be used to move material from roadside to a central location, while others can be utilized to move hog fuel from the grinder to the paper mill.

These trailer configurations will all be suited for coastal conditions, as found in typical cutblocks close to communities. From these trials, we hope to identify the best configuration that will yield the largest debris payload that can be effectively turned around in a heli-drop zone or heli-service landing.

Trying these different types of trailers will allow us to establish a decision protocol to choose the best trucking option for the terrain conditions found in each debris management project area.

Methodology:

- identify a minimum of six cutblocks where there is enough debris to warrant onsite grinding
- use each trailer configuration for up to a month to determine its suitability for centralizing debris or hauling hog fuel
- identify operational issues and costs that make each configuration more or less suited for the task

Deliverables:

- onsite demonstrations of truck configurations in 2009
- web accessible videos of each configuration in operation
- decision key to assist forest managers to plan effective debris grinding operations completed by winter 2010

Budget:

We seek the following costs for funding as they are above and beyond current operational costs. We anticipate renting each unit for approximately one month. The cost of additional excavator time to consolidate and load debris will be borne by the proponents

Equipment Type or other cost	Cost / Month or Acquisition Cost
fiber acquisition /permits/issue management/demonstrations 3 days @ \$480	\$1440
rental of end dump	\$3000
rental roll on / roll off trailer with bin	\$3000
rent or custom build trailer with log bunks	\$4500
rental of roll on / roll off trailer with bin, that dumps	\$3000
rental of dump trailer	\$3000
rental of roll on / roll off trailer with bin, with its own hook	\$3000
Video of equipment configurations and posting to web	\$1000
Preparation of decision key/report 3 days @\$480	\$1440
Total	\$23380

Safety :

BBE and Ceteris are "Safe Certified" and are working on Island Timberlands private lands. Visitors will be expected to review onsite safety procedures and have personal protective equipment including hi-viz vests, hardhats and workboots.

Thank you for considering this request. I trust that this information is what you require to consider funding this Woody Debris Management Project. We look forward to your favorable response.



Ray Bartram, MBA, RFT
Ceteris Contracting Limited



Brad Berry
Brad Berry Enterprises