

R. Prahallad

Sawmill

Project Summary

Name of Developer: Ramgobin Prahallad

Developers' Address: 1047 Parika Out Fall East Bank Essequibo

Contact details: 687-8718/260-4750

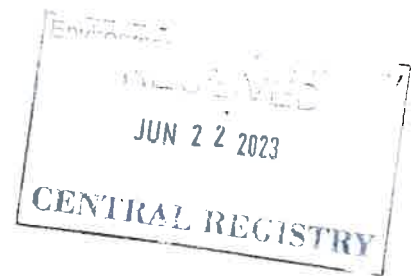
Project Type: Sawmill

Projected Capital Investment: Guy\$6M

Annual Turnover: Guy\$2.5M

Project Duration: Life Time

Project Location: Lot 20 and 21 Naamryck East Bank Essequibo.



This project summary is for Mr. Ramgobin Prahalad a private individual who has been in the Forestry sector for approximately sixteen (16) years.

The project activity is an existing Sawmill which is located at Lot 20 & 21 Naamryck East Bank Essequibo which is operating on a 120 ft W × by 80 ft L plot of land which is designated for Agriculture purposes which is also in an area mixed with other operation of the same nature. It should be noted after the 80ft L there is the Essequibo River which is clear of wood waste.

On site there is an existing shed with the following dimension (80× 100) covering all mills, an office with the following dimension of (19 × 12) covering the store room, eating room, changing room and office.

This existing operation provides employment for six (6) skilled and unskilled workers for the operational phase. However, this does not include the job opportunities for persons operating trucks and other vehicle suited for transported logs and lumber.

The sawmill produces approximately 20,000 bm per month of rough and dress lumber. Logs are sourced from concessions along the Essequibo River and transported to the site via Pontoon and raft and then offloaded by my backhoe. The existing sawmill is currently equipped with one (1) Manual Lt 15 Wood Mizer mill, one (1) Hydrolytic Lt 40 Wood Mizer, one (1) small rip saw with an 25 horse power engine, one (1) backhoe, one (1) Hymac, one (1) Chain saw, One (1) Blade sharpener and one (1) Water pump in the event of a fire.

During the operational phase, working hours are from 7:00 to 16:00, from Monday to Friday. Employees are provided with Personal Protective Equipment (PPE) such as safety boots, helmets, gloves, ear muffs, masks, visibility vests etc. based on job specification. One first aid kit is kept onsite in case of minor cases of emergency/injury also one vehicle is always on standby in case of a major emergency. The main source of energy for our operation is Guyana Power & Light (GPL). Water is purchased for drinking and for domestic purposes.

Fuel storage

No fuel is stored on site we buy fuel as the need arise because there is a Gas station within close proximity of our operation, however we do store waste oil on site in one forty-five-gallon drum which is reuse on our chainsaw.

Waste generation

During the operation of our sawmill, they are several types of waste which is generated from a number of sources. Each waste stream may or may not require different disposal methods. The main categories of waste that is generated are as follows:

- Solid Waste
- Domestic Waste
- Liquid Waste
- Hazardous Waste

Solid waste - during operational phases inclusive of sawdust, shavings wood ends, wood chips etc., such waste will be given to interested persons and poultry farmers around the area given the fact that a lot farmers are in the area however the excess wood waste are used for revetment works around the facility including at the Essequibo River that is immediately behind our operation.

Domestic Waste – Inclusive of food boxes, plastic bottles tins, cans etc. these wastes are placed in garbage receptacle around the facility and are collected by Pooran brother's disposal service on a weekly basis.

Liquid Waste – Inclusive of two types of effluents streams (grey water from sinks and bathrooms and sewage). Sewage will be disposed of in septic tanks constructed in accordance with GNBS Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal System. Grey water will be channeled into a soak away system before being discharged into the drainage system and finally into the environment.

Hazardous Waste – Inclusive of waste oil, used filters, old batteries, oily rags etc. Waste oil is collected and stored in containers and reused on our chain saws.

Fire- Fire extinguishers and sand buckets are placed at strategic points within the sawmill so in case there is a fire emergency then the firefighting equipment can be used. Employees are trained in the use of the fire extinguishers.

The existing sawmill project has the potential to impact the air quality such as particulate matter result in dust nuisance and noise nuisance generated from the operation of the equipment. To abate these impacts, our equipment is placed on concrete base foundation to reduce vibration and noise levels and the sawdust and shavings are used for revetment work around the facility and the excess are collected by interested persons and poultry farmers.

Prepared by: Mr. Ramgobin Prahalad

Date: 7th June, 2023.

Signature: