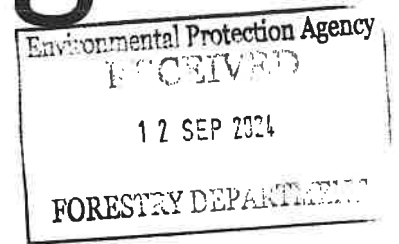


Mohan &
Indradai Joinery
& Molding
Shop
Project
Summary



Name of Developers – Mohan Ramdat Misir Persaud & Indradai Persaud

Developers Address – Lot 201, South East Cummings lodge, Georgetown, Guyana.

Contact info- 222-5516/649-5620/626-8244/666-4663

Business Name – Mohan & Indradai Joinery & Molding Shop

Project Type- Lumberyard

Projected Capital Investment – 4 million dollars

Annual Turnover –2 million dollars

Project Duration – Est 10 years

Project Site- 1765 Mahaicony Creek, East Cost Demerara, Guyana.

Project Location & Description-

Plot # 1765, situate, lying and being on the left bank of the Mahaicony creek, in the County of Demerara, in the Republic of Guyana, the said plot of land commencing at a point of five (5) rods above a tract in the occupancy of Bheekun (Farmer) and extending upwards in façade South 20-degree West 100 rods, by a mean depth North 78-degree West 300 rods. Total area of this plot of land is 28 acres, an estimated area of 0.5 acres will be used for this project. The area surrounding this plot is currently being used for rice farming.

Below Google Map Image shows project site and surrounding environment.



The equipment onsite is one (1) table saw, one (1) planer which is powered by one (1) 75 KVA diesel generator.

Infrastructure onsite includes lunch/kitchen room, bathroom facility, Store room, storage space, water trestle (water storage) & work shed (16'x 40'). Rough lumber will be sourced from authorized logger and processed into finished materials for the local market. The processing included cutting, planing and molding the rough lumber into finished materials, e.g. moldings. Lumber sourced will be mostly of the softwood species, mostly simarupa. Finished products will be stored on site and will be transported to customers when orders are confirmed.

Water for daily use will be pumped into storage tanks and treated for daily use. Water use for drinking will be transported and stored on site in 05-gallon bottles. Power for this operation will be supplied from an onsite generator which has its own space. Generator room has a concrete base and an enclosed room with ventilation.

Work force will be a team of four (4) and operate within the hours of Monday to Friday 8:00-17:00 hrs. All members will be equipped with the relevant personal protective gear for the job. Personal protective gear includes hard hats, reflective vest, goggles, steel toe boots and earmuffs. Personnel will be trained accordingly for their role onsite. Operations will be reviewed monthly and best practice will be applied.

Warning signs, first aid kits, Spill kit & fire extinguishers will be placed at specific points where necessary. Work Shop/Space will only be for authorized personnel only space, signage will indicate.

Both diesel & LPG gas will be stored on site in a well-secured room. Estimated amount of 45-gallon diesel and 4 LPG gas cylinders.

All equipment/ vehicle services will be serviced onsite and records kept as part of our preventative maintenance plan. All used oils & other lubricants will be stored and disposed in the correct manner.

Environmental Effects

The following potential environmental effects may be generated:

Noise Nuisance

Equipment operating will generate noise but may not be that significant.

Mitigation Measures

All equipment will be operating within the manufacture's specifications, preventative maintenance will be parts of the operating system. Daily inspection will be done and parts like saw blades will be sharpened every 24 working hours.

Fire

Possible causes of fire may be a result of large pile of wood shavings, overloaded power outlets, overloaded equipment and employee carelessness.

Mitigation Measures

Employee will be trained on the proper use of firefighting equipment. Fire Extinguishers and sand buckets will be placed at strategic point and labeled for easy identification. Wood shavings will be removed from the workspace as soon as it reaches a limit. All powered equipment will be used properly and within its load limit. The entire worksite will be designated a "NO SMOKING AREA".

Vibration

Loading and offloading of lumber will be done manually since the operation is small. Equipment may vibrate during operation.

Mitigation Measures

Large tire will be placed on the ground to absorb impact /vibration while loading/offloading. Equipment will be mounted on concrete base with a layer of rubber for additional protection.

Particular Matter (Dust)

Dust is emitted from equipment such as table saw, planer & molder.

Mitigation Measures

Table saw & Planer will have its own dust/Shaving collector. Tarpaulin will be placed on the ground to allow the faster and easier collection of dust and shavings. Workers will be given N95 dust masks to work with is rated for that work environment.

Solid Waste Management

Domestic waste such as food scraps, plastic bottles, food boxes, etc. will be collected in a garbage bin and disposed in a solid waste pit will be filled at with soil when reached a certain fill limit.

Wood waste such as wood strips and rejected wood will be stored and later be used for cooking and fossil fuel. Wood shaving and dust will be collected and stored in poly bags which will be collected by poultry farmer later.

Effluent

Onsite septic tank will be treated anaerobically, once filled a waste disposal company will be hired to empty and dispose of the contents.

Hazard waste

Machine oils and other lubricated will be retrieved and stored in 05-gallon containers will be later donated to logger. Storage container will be tightly sealed and stored properly in the store room.

Prepared by



Yougaesh Persaud

Operations