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MATRIC NO: 18/ENG02/063

Course: engineer in society

1. As a consulting student engineer you should be able to give out tongue outs a detailed scope of work for the project at hand:

planning to get a building renovated? Knowing the basics of the scope of work for building renovation is essential so you will have a general idea on the things you can expect, the guidelines you need to follow, the schedule of work, the terms and conditions, and many other things. In order to help you overcome common challenges regarding building renovation, and all you need to know the scope of work is generally just talking about the schedule of work the building guidelines you have to follow as per the date where the building is being renovated.

2.preparing a gnat chart

Usually using the outline from the school of work the date and time of the working schedule should be enough to create a gnart chart so as to know the working hours and working days and to give and idea on when the project might be finished that is giving it a particular range from the scope of work.

3. Human Resources needed

The Human Resources needed can be in form of the the type of people who would be needed for the job and the materials needed for the job . Usually twin projects like this the leads consultant would have to be a contractor who is seconded my the arichect and the building manager .below are the list of people needed for a project like this:

A building manager

Am architect

A contractor

An electrician

And most importantly laborers

Based on the materials needed for the project you would need:

Cement

Blocks

Sand

Electric outlets

Aluminum zincs

Iron rods and all that.

4.why secure the site?

As the project references the work is going on in a university where there are students of over 4000 not securing the site would be a bad idea as to falling objects and students not not being able to wander inside the construction site.

5. BEME PROJECT

At 10%. -5 million NAIRA

At 20% - 20 million NAIRA

At 15% - 11 million NAIRA

At 5% - 1 million NAIRA

At 12% -10 million NAIRA

6.

Mobilization – 20 million NAIRA

Completion -– 10 million NAIRA

Completion and hand over- 5 million NAIRA

Defect liability period -12 million NAIRA

7.

Bill of engineering measurement and evaluation also known as beme/bill is a tool used before, during the assess and value of the construction work.

A defect liability period is a time of partial completion during which the contractor remains liable under the building contract

A lead consultant is the most important person in a project he or she direct everybody in their work and their daily activities

Project life style is the series of events during project making.

Environmental assessment is the assessment of the environmental plans ,policy related actual projects prior to the decision to move forward with the proposed action