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MATRIC NO.: 18/ENG07/011

DEPARTMENT: PETROLEUM ENGINEERING

COURSE TITLE: ENGINEER IN SOCIETY

COURSE CODE: ENG 284

 ASSIGNMEMT

Conceptualization

* Scope of work
* Need assessment (Building survey)
* Bill of quantity
* Gant chart
* Resource

Title of Project: Rehabilitation of Alfa Belgore of Afe Babalola University Ado-Ekiti

Address of Client: KM 85, Ado-Ekiti, Ekiti state.

Location: Afe Babalola University Ado-Ekiti

Company in Charge: Wolex Enterprise

Scope of work

 The following include the procedure for the ongoing project;

* Conceptual Design (Alfa Belgore Rehabilitation Project)
* Detail Engineering
* Project Management
* Procurement
* Subcontracting
* Construction

Need Assessment (Build Survey)

* Requirement
* Problems to be met—--Roof linkage

 -Ceiling replacement

 -Wall (plastering, joining and replacement)

 -Paint

 -Electrical gadget replacement

 -Rewiring

Bill of Quantity

Gantt Chart



Professional team

In charge/Consultant:- Architect

Skilled Worker:- Carpenters, Mechanical Engineers, Bricklayers, Painters, Designers and Civil Engineers.

Duration:- 6 months

QUESTIONS TO BE ANSWERED IN ASSIGNMENT

1. Explain why the site was secured

Ans:- The site didn’t cause any traffic disturbance

 The site was secured because of Theft

 The site was secured because of vandalism

1. What is BEME?

Ans:- BEME – Bill of Engineering Measurement and Evaluation

 It is the Systematic, logical and explicit appraisal of available information to

 determine the best evidence relating to an Estimator of a Project.

1. What is Liability period?

Ans:- it is a set period of time after a construction project has been completed during which a contractor has the right to return to the site to remedy defects.

1. What is life Project life cycle?

Ans:- A project has a beginning and an end and passes through several phases of development known as life cycle phases.

1. What is Environmental impact Assessment?

Ans:-it is assessment of environmental consequences of plan, policy, program, or actual projects prior to decision to move forward with the proposed action.