rehabilitation project

THE DETAILS IN THIS PROJECT ENTAILS SCOPE OF WORK, GANTT CHART ,LIST OF PROFESSIONALS INVOLVED,AND SOME OTHER IMPORTANT INFORMATION FOR THE REHABILITATON OF *ALFA BELGORE HALL* LOCATED AT AFE BABALOLA UNIVERSITY, ADO EKITI, EKITI.

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scope of work

SCOPE OF WORK

Scope of work is a document routinely employed in the field of project management. It is otherwise known as SOW. It entails the glossary, problem statement, goals, objectives, Administration and timeline.

*PROBLEM STATEMENT*

Alfa Belgore Hall is Afe Babalola University’s Main and largest Multipurpose hall. Due to the growth of the school there has being an increase in the number of students ;and when there are more students, there are more parents. The issue with Alfa Belgore Hall is that when the time for important events comes theres never enough space for all students talk less of students and parents. In conclusion, Alfa Belgore Hall lacks efficient space for Programs.

*GOALS / OBJECTIVES*

Alfa Belgore Hall is a building with only one floor, the goal of this project is to make it One story building, so that another area would be created.

*PROCESSES / TASKS*

* Surveying the Surroundings of the Hall
* New plan development
* Approval of New plan
* Clearing up / evacuate the Hall (taking the chairs and other properties away).
* Removal of Electrical appliances and toilets.
* Removal of the windows and doors.
* Creating a Temporary Fence.
* Uprooting / Removal of the Roof.
* Demolishment of Unrequired parts of the building.
* Reconstruction / Elevation of the building with respect to the plan.
* Construction of the Roof.
* Reconnecting the building to Electricity.
* Fixing the Electrical appliances and Toilets.
* Patching of Broken parts in the building due to the previous tasks.
* Painting of the building.
* Cleaning then construction site.
* Rearranging the Hall.

*ADMINSTRATORS (PROFEESIONAL INVOLVED)*

* Architect
* Surveyor
* Consulting Engineer
* Civil Engineers
* Cleaners
* Specialist (Electricians, Plumbers)
* Glazers
* Carpenters & Blacksmiths
* Roofing Contractor
* Mason
* Painter

*TIMELINE*

|  |  |  |  |
| --- | --- | --- | --- |
| TASKS | DURATION | START DATE | END DATE |
| Surveying | 6 | 4-Jan | 10-Jan |
| Evacuating the Hall | 2 | 17-Jan | 19-Jan |
| Removal of Electrical Appliances | 3 | 21-Jan | 24-Jan |
| Removal of windows | 4 | 27-Jan | 31-Jan |
| Building of Temporary Fence | 3 | 6-Feb | 9-Feb |
| Removal of Roof | 12 | 14-Feb | 26-Feb |
| Demolishment of Unrequired parts of the Building | 7 | 3-Mar | 10-Mar |
| Elevation of the plan | 35 | 19-Mar | 23-Apr |
| Construction of Roof | 10 | 28-Apr | 8-May |
| Reconnecting Eletricity to the Building | 3 | 11-May | 14-May |
| Fixing Electrical Appliances and Toilets | 5 | 15-May | 20-May |
| Plastering of the wall | 9 | 23-May | 1-Jun |
| Painting | 4 | 3-Jun | 7-Jun |
| Cleaning Up the Site | 7 | 11-Jun | 18-Jun |
| Rearranging the Hall | 4 | 24-Jun | 28-Jun |

*GANTT CHART*

*PROJECT COST*

The Total Cost of the Project, involves all the amount of money spent on the project both transportation, material cost, workmanship, etc. The project cost is 50 Million Naira

*LIST OF HUMAN RESOURCES NEEDED*

* Architect (LEAD CONSULTANT)
* Surveyor
* Consulting Engineer
* Civil Engineers
* Electrical Engineers
* Cleaners
* Specialist (Electricians, Plumbers)
* Glazers
* Carpenters & Blacksmiths
* Roofing Contractor
* Mason
* Painter

THE REASON WHY THE SITE WAS SECURED

The Site (ALFA Belgore Hall) was secured in order to avoid damages and accidents ( Especially during the removal of the roof) on students passing by the environment of the Site. So in order to prevent accidents, a wooden temporary was built around.

 *BEME (BILL OF ENGINEERING MEASUREMENT AND EVALUATION)*

Total Estimated Cost (TEC)= Fifty Million Naira(₦50,000,000) Miscellaneous (10% of TEC) ;

$$\frac{10}{100}×50,000,000$$

 = ₦5,000,000

Consultancy Fees (15% of TEC);

$$\frac{15}{100}×50,000,000$$

 =₦7,500,000

Site Preparations and Clearing after Completion ( 5% of TEC);

$$\frac{5}{100}×50,000,000$$

 =₦2,500,000

Transport Cost (12% of TEC);

$$\frac{12}{100}×50,000,000$$

 =₦6,000,000

Profit (20% of TEC);

$$\frac{20}{100}×50,000,000$$

 =₦10,000,000

*PAYMENT SCHEDULE*

Total Estimated Cost (TEC)= Fifty Million Naira(₦50,000,000) 30% TEC for Mobilisation

This will be a deposit at the beginning of the Project

$$\frac{30}{100}×50,000,000$$

 =₦15,000,000

30% TEC at 50% Completion

This will be released at fifty percent completion of the project

$$\frac{30}{100}×50,000,000$$

 =₦15,000,000

30% TEC at Full Completion

This will be given at the total and full completion of the project

$$\frac{30}{100}×50,000,000$$

 =₦15,000,000

10% TEC Retain for Defect Liability

This will deposited after the duration of 6 months after the completion of the project

$$\frac{10}{100}×50,000,000$$

 =₦5,000,000

*DEFINITION OF IMPORTANT TERMS*

BEME

BEME stands for Bill of Engineering Measurement and Evaluation, it is also referred to as “Bill”. This the tool used before, during and post-construction to assess and value the cost of construction works. This includes the cost material, labor, equipment and all/any other resource(s) required for the success of any construction endeavor based on apre-determined scope and specification.

DEFECT LIABILITY PERIOD

A defects liability period is a period of time following practical completion during which a contractor remains liable under the building contract for dealing with any defects which become apparent. A defects liability period is usually a period of around six or 12 months but it can vary depending on the contract used. Any defects or faults which arise during this period (for example - due to defective materials or workmanship) must be put right by the contractor at its own expense.

PROJECT LIFE CYCLE

A project life cycle is the sequence of phases that a project goes through from its initiation to its closure. The number and sequence of the cycle are determined by the management and various other factors like needs of the organization involved in the project, the nature of the project, and its area of application

ENVIRONMENTAL IMPACT ASSESSMENT

**Environmental assessment** (**EA**) is the assessment of the environmental consequences (positive negative) of a plan, policy, program, or actual projects prior to the decision to move forward with the proposed action. In this context, the term "**environmental impact assessment**" (**EIA**) is usually used when applied to actual projects by individuals or companies and the term "[strategic environmental assessment](https://en.wikipedia.org/wiki/Strategic_environmental_assessment)" (SEA) applies to policies, plans and programmes most often proposed by organs of state. It is a tool of environmental management forming a part of project approval and decision-making.

THANK YOU.