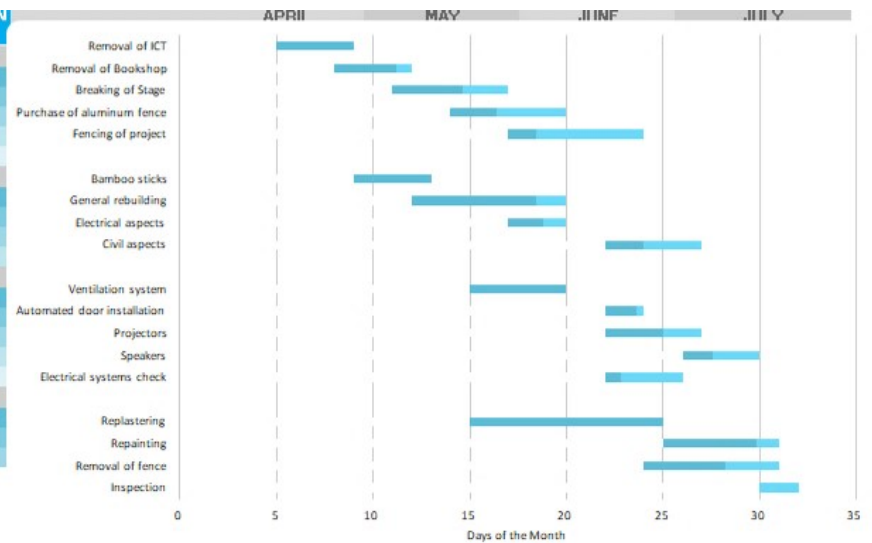


6	REHABILITATION								
7	APR-NOV	DAY OF MONTH*	END DATE	DURATIO N* (WORK COMPLET	DAYS REMAINI	TEAM MEMBER	PERCENT		
8	CLEARING AND FENCING OF PROJECT								
9	1/5	5	1/8	4	4	0	Wole	100%	
10	1/8	8	1/11	4	3.2	0.8	Mubarak	80%	
11	1/11	11	1/16	6	3.6	2.4	Pogboom	60%	
12	1/14	14	1/19	6	2.4	3.6	Michael	40%	
13	1/17	17	1/23	7	1.4	5.6	Rachel	20%	
14	EXPANSION								
15	1/9	9	1/12	4	4	0	Amanda	100%	
16	1/12	12	1/19	8	6.4	1.6	Meredith	80%	
17	1/17	17	1/19	3	1.8	1.2	Nomso	60%	
18	1/22	22	1/26	5	2	3	Michael	40%	
19	REFURBUSHING								
20	1/15	15	1/19	5	5	0	Tobi	100%	
21	1/22	22	1/23	2	1.6	0.4	Meredith	80%	
22	1/22	22	1/26	5	3	2	Dolapo	60%	
23	1/26	26	1/29	4	1.6	2.4	Michael	40%	
24	1/22	22	1/25	4	0.8	3.2	Rachel	20%	
25	FINALIZING								
26	1/15	15	1/24	10	10	0	Nathan	100%	
27	1/25	25	1/30	6	4.8	1.2	Meredith	80%	
28	1/24	24	1/30	7	4.2	2.8	Michael	60%	
29	1/30	30	1/31	2	0	2	Clamide	0%	
30									
31									
32									
33									





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Heading 2

Paragraph

Style

NAME: NGIM EWEZU NGIM

MATRIC NO: 18/ENG05/033

DEPARTMENT: MECHATRONICS ENGINEERING

COURSE: THE ENGINEER IN SOCIETY

TASK: WRITE A REPORT AS A STUDENT ENGINEER
CONCERNING THE ONGOING ALFA BELGORE HALL
REHAB



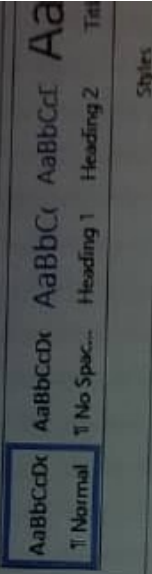


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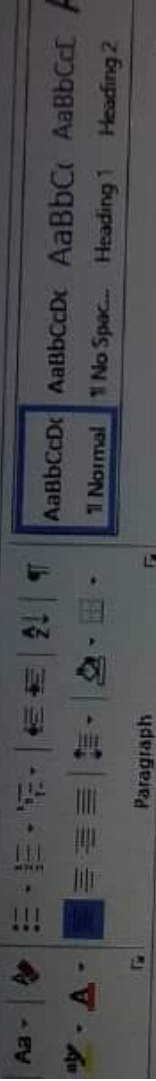
1. Scope of Work
2. Project Gantt Chart
3. List of Human Resources
4. Securing the Site
5. BEME
6. Payment Schedule
7. Definition of BEME, Defect Liability Period, Lease, Consultant, Project Life Cycle and Environment Impact Assessment



SCOPE OF WORK

The following are the activities that the completion of the project would be divided into namely:

1. **Creation of project team:** The number and types of professionals, artisans and labourers would be decided upon in accordance to our budget.
2. **Payment of Mobilization fees:** After the workers have been gathered, we will proceed to pay them 30% of the total estimated cost.
3. **Relocation of furniture:** All equipment and furniture within the building would be relocated to a store house.
4. **Placement of signs and notices around the site:** Notices and safety signs would be and non-construction staff. Some signs around the site would be placed to encourage the use of Personal Protective Equipment
5. **Creating a barricade around the site:** To restrict entry and to protect individuals within its environment. Creating a barricade reduces the chance of an individual wandering around the site and subsequently getting injured.
6. **Removal of Existing roof:** A new roof cannot be put on an



HUMAN RESOURCES

The people involved in this project are:

1. Carpenters
2. Labourers
3. Drywall and Ceiling Tile Installers and Tapers
4. Civil Engineer(s)
5. Architect(Project Head)
6. Sheet Metal Workers

SECURING THE SITE

Construction sites are places usually exploited by criminals because of their deserted state. Hence to avoid damages due to gun battles among criminals or between criminals and law enforcement agencies, construction sites are usually fenced and locked.

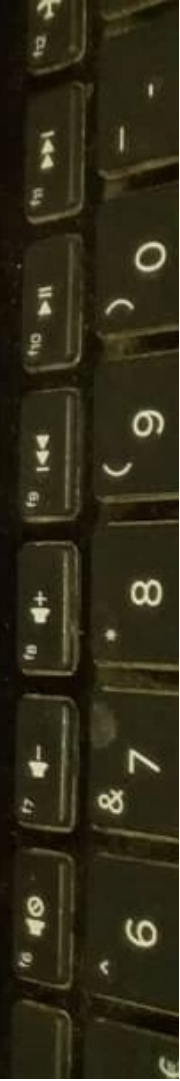
But because this site is in a private school such an occurrence is unlikely to happen. Due to the fact that ABUJAD is a school we have an additional which is to protect the life of students and staff. To do this, the site was barricaded, the entrances were locked after working hours and they were notices and safety signs warding off those not on the construction team



BEME

	N	K
Tiling of ceiling =	500,000	00
Electrical Works =	700,000	00

Mechanical Works =	450,000	.00
Roofing Works =	1,500,000	.00
Total =	3,150,000	.00
Miscellaneous (10%) =	315,000	.00
Consultancy Fee (15%) =	472500	.00



LAYOUT REFERENCES MAILINGS REVIEW VIEW

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Paragraph

Site prep and

clearing after completion (5%) = 157500 .00

Transportation (12%) = 378000 .00

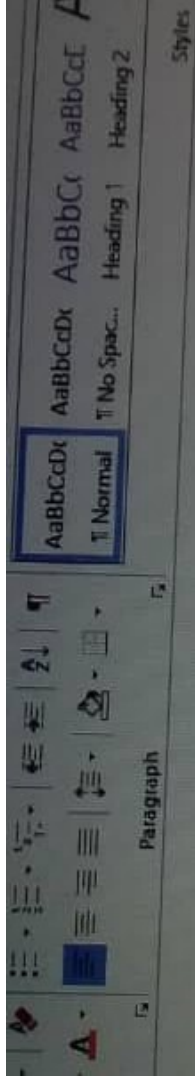
Profit (20%) = 630000 .00

Total cost = 4788000 .00

PAYMENT SCHEDULE

1. 30% TEC for Mobilization = N940000
2. 30% TEC at 50% completion = N940000
3. 40% TEC at Completion = 945000
4. 10% Retention = N315000
5. Total = N3150000





DEFINITIONS

1. **BEME**: The abbreviation "BEME" stands for Bill of Engineering Measurement and Evaluation. It is a tool used before, during and post-construction to assess and value the cost of construction works.

This includes the cost of materials, labour, equipment and all/any other resources required for the success of the project.

2. **DEFECT 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. It usually lasts for 6-12 months.

3. **PROJECT LIFECYCLE**: Means how long it takes for a project to be completed

4. **ENVIRONMENTAL IMPACT ASSESSMENT**: It is the act of scrutinizing the environmental consequences of a plan, project, policy etc.

5. **LEADING CONSULTANT**: The consultant that directs the work of the consultant team and the primary point of contact between the client and team.

