**NAME:OBEMBE TOMILAYO**

**DEPT: MECHANICAL ENGINEERING**

**MATRIC N0: 18/ENG06/050**

**SCOPE OF WORK**

1. Marking out the perimeter for work project
2. Securing perimeter
3. removal of roofing sheets
4. preparing site for further constructions
5. erecting support to hold proposed upper floor
6. construction of upper floor
7. erecting of support for roofing
8. roofing
9. plastering of walls
10. screeding
11. painting

**GANT CHART**



**HUMAN RESOURCES INVOLVED IN THE CONSTRUCTION PROJECT**

1. Civil engineer
2. Architect
3. Drafts man
4. Financial planner
5. Project manager
6. Builders
7. Electrician
8. Surveyor
9. The quantity surveyor
10. The project manager

**-THE TEAM LEADING CONSULTANT IS THE CIVIL ENGINEER-**

**WHY THE SITE WAS SECURED?**

The site was secured for the following reason

1. To prevent accidents from non workers and external people ( students, teachers and both educational and non educational staff)
2. To prevent unwanted visitors to the project site
3. To contain dust during rehabilitation, therefore avoiding air pollution

 **BEME**

|  |  |  |
| --- | --- | --- |
| **TOTAL ESTIMATED COST** |  **N 7,500,000** |  |
| **DESCRIPTION** | **PERCENTAGE** | **AMOUNT** |
| **MISCELLANEOUS** | **10%** | **N750,000** |
| **CONSULTANAT FEE** | **15%** | **N1125000** |
| **SITE PREPARATION AND CLEARING AFTER COMPLETION** | **5%** | **N375000** |
| **TRANSPORTATION COST FEE** | **12%** | **N900000** |
| **PROFIT** | **20%** | **N1500000** |
| **TOTAL** | **62%** | **N4650000** |

 **PAYMENT SCHEDULE**

|  |  |  |
| --- | --- | --- |
| **ESTIMATED PAYMENT SCHEDULE COST** | **N2850000** |  |
| **DESCRIPTION** | **PERCENTAGE** | **AMOUNT** |
| **MOBILIZATION** | **30%** | **N855000** |
| **HALF COMPLETION** | **30%** | **N855000** |
| **FULL COMPLETION** | **40%** | **N1140000** |
| **DEFECT LIABILITY** | **10%** | **N285000** |

**WHAT ARE THE FOLLOWING?**

**BEME**; this is a review of the systematic,logical and explicit appraisal of available information to determine the best evidence relating to a project

**DEFECT LIABILITY PERIOD** this is the period this is a fixed period of time, starting from date of practical completion, during which the contractor has an express contractual right to return to site to rectify defects

**LEAD CONSULTANT** this is the person involved in directly dealing with the client, clearly making him understanding its needs and providing possible solutions for the clients considerations

**PROJECT LIFE CYCLE** a project life cycle is the sequence of phases that a project goes through from its initiation to its closure

**ENVIROMENTAL IMPACT AssESsMENT;** this is the assessment of the environmental consequences of a plan, or project prior to the decision to move forward with the proposed action