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MATRIC NO: 19/ENG02/079

DEPARTMENT: COMPUTER ENGINEERING

COURSE: ENGINEERS IN THE SOCIETY

COURSE CODE: ENG 284

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GENERAL PROJECT INFORMATION

The Project Owner [AARE AFE BABALOLA] is constructing [A multipurpose building] (the “ALFA BELGORE BUILDING”). The Project Contractor, [OGUNKUADE AYOBAMIDELE] is the prime contractor performing the construction of the Project.

PROJECT LOCATION, LEGAL ADDRESS AND DESCRIPTION OF WORK SITE

[AFE BABALOLA UNIVERSITY ADO-EKITI]; [ADO-EKITI, EKITI STATE]; [SCHOOL ENVIRONMENT]

THE PARTIES

“Contractor” is _____OGUNKUADE AYOBAMIDELE_____;

“Owner” is _____AARE AFE BABALOLA_____; and,

“Project Owner” is _____AARE AFE BABALOLA_____.

SCOPE OF WORK OVERVIEW: Except as otherwise expressly provided herein, Contractor shall supply all adequate and competent labor, supervision, tools and, equipment, installed and consumable materials, services, testing devices, and each and every item of expense necessary for

Design, Engineering works, Application, Handling, Fabrication, Testing.

DESIGN AND ENGINEERING

CONCEPTUAL DESIGN

Contractor shall advise on site use and improvements, selection of materials, building systems and equipment, as well as provide recommendation on construction feasibility, availability of materials and labor, time requirements for installation and construction, and factors related to cost including costs of alternative designs or materials, budget and possible economics. 3.1.2 DETAIL ENGINEERING Detail Engineering includes the completion of all engineering related

DETAIL ENGINEERING

Detail Engineering includes the completion of all engineering related activities (such as development of Single Line Diagram, Equipment Data Sheets and Safety in Design) and the development of detailed, non-overlapping specific scopes of work, including the specific deliverables, a budget and schedule that can be compared with actual performance, and that is required for actual construction execution. The Contractor shall:

- (a) ensure all deliverables are produced to the Standard of Performance, at a rate that meets or exceeds the requirements of the applicable schedule established under the Contract and this Scope of Work;
- (b) manage the activities of all interdisciplinary interfaces for the Work, including civil, structural, architectural, mechanical, piping, electrical, and instrumentation and controls;
- (c) Contractor, if requested, shall assist in developing a battery limits interface, for coordination and execution of the Project.
- (d) prepare an execution plan for the Engineering services to be included in the Project Execution Plan and issue such plan to the Owner for approval on or before the time set out in the Milestone Dates; and,
- (e) provide on-going engineering support through completion of the Work.

PROJECT MANAGEMENT:

The Contractor shall perform the following project management and coordination services in accordance with the Contractor's Safety and Quality Plan, including any revisions agreed to in the Contract. The Contractor's Project Management responsibilities include, but are not limited to:

- (a) Overall management of the Work in accordance with the Contractor's Project Execution Plan;

(b) Planning, controlling and executing engineering, constructability, procurement, fabrication, assemblies, transportation, construction, integration and turnover plans, to the extent necessary to achieve performance of the Work;

(c) Producing and updating Project Schedules in compliance with Scheduling and Reporting Requirements Project schedules established under the terms of the Contract.

PROCUREMENTT/EXPEDITING/LOGISTICS

Procurement includes the procurement of all tagged and non-tagged equipment and material necessary for the construction of the Work, including safety systems and other equipment and material required for completion of the Work. The Contractor shall be accountable for vendor interface, material management, expediting and logistics management.

Contractor shall include a plan for procurement services within the Project Execution Plan and Contractor shall conduct the procurement services in accordance with that plan. The Project Execution Plan shall set out the nature and extent, as well as the frequency, of the reporting that Contractor is to provide in relation to the performance of the procurement services. The Project Execution Plan shall also set out the matrix of the various matters relating to the performance of the procurement services that require Owner approval and the time periods within which Contractor requires a response from the Owner, with material items added to the Milestone Dates

SUBCONTRACTING

Contractor shall:

(a) manage subcontractors on the Project site with respect to their planning, scheduling, allocation and assignment of construction resources, progress measurement and reporting;

(b) monitor and inspect work performed by its subcontractors and confirm such work complies with the Standard of Performance, Project Specifications, approved construction safety principles and the quality assurance/quality control plans;

(c) incorporate Owner strategies, plans, procedures and the terms of the Prime Contract into every Subcontract, unless express written approval is provided otherwise by Owner; and,

(d) incorporate terms allowing the assignability of subcontracts to the Owner upon notice by the Owner of same.

CONSTRUCTION

The Contractor shall perform all work as described in this scope of the Work and Owner's strategies, plans and procedures so as to provide all services required to construct, install, test and deliver a complete and operable facility.

The Contractor shall provide all adequate and competent construction management, personnel, supervision, staff, labor, construction planning, scheduling, documentation, construction quality, HSE and testing devices in order to complete the Work in accordance with the Standard of Performance.

The Contractor shall be responsible for providing the following permits and approvals:

- (a) All licenses, approvals, permits, registrations, and memberships necessary for the Contractor, as a corporate entity and with personnel who may be governed by professional bodies and regulations, to perform the Work.

PARTY RESPONSIBILITIES

Responsibilities Matrix

The Contractor and Owner shall each be responsible for achieving their respective listed items set out in the Responsibility Matrix. The Responsibility Matrix will also set out 18043886.5 exclusions from the

Work and which will be performed by the Owner or others, such as supply of certain materials, free issue items, certain equipment and certain services.

Exclusions The Owner will provide the materials, free issue items and equipment.

SCHEDULE AND MILESTONES

Contractor shall meet the Work Schedule and each detailed schedule established under the terms of this Scope of Work.

The milestones are as follows:

MILESTONE DATES		
MILESTONE	START DATE	COMPLETION DATE
SITE COMMENCEMENT DATE		
SUBMISSION OF EXECUTION PLAN		
OWNER REVIEW OF PROJECT EXECUTION PLAN		
APPROVAL OF PROJECT EXECUTION PLAN		
SUBSTANTIAL COMPLETION OF THE WORK		
FINAL COMPLETION OF THE WORK		

DELIVERABLES

LIST OF DELIVERABLES

The Contractor shall supply the deliverables and reports as designated within.

Project Deliverables Matrix. All deliverables shall be submitted for review and/or Owner approval in accordance with requirements of the Owner's standards.

The Contractor shall prepare the following procedures, report templates and plans for the Owner's review and approval, these procedures and reports form part of the Contract.

Any revisions to the procedure and reports shall be reviewed and agreed upon by both parties, prior to implementing any changes.

Contractor reporting to Owner is intended to provide the Owner with information on the Work status to discuss, schedule status, cost/schedule variances with explanation and current issues.

All of the following Deliverables shall be provided in the detail and format provided in the form provided in the applicable attachment.

The due date for each Deliverable is determined from the date of the execution of the Contract, with each Deliverable being due the number of days indicated in the table below calculated from the date of the execution of the Contract:

DELIVERABLE	ATTACHMENT	DAYS	STATUS
PROJECT EXECUTION PLAN			
SAFETY PLAN/ENVIRONMENTAL HEALTH AND SAFETY PLAN			
QUALITY PLAN			
WORK SCHEDULE			
SCHEDULE REPORTING MANAGEMENT PLAN			
ISSUES RESOLUTION LOG			
[OTHERS]			

ENVIRONMENTAL HEALTH AND SAFETY

The Contractor shall fully comply with all Safety and Security requirements under the Contract and Owner's regulations, including supply of safety personnel in accordance with Attachment SAFETY PLAN (OWNERS AND/OR CONTRACTORS).

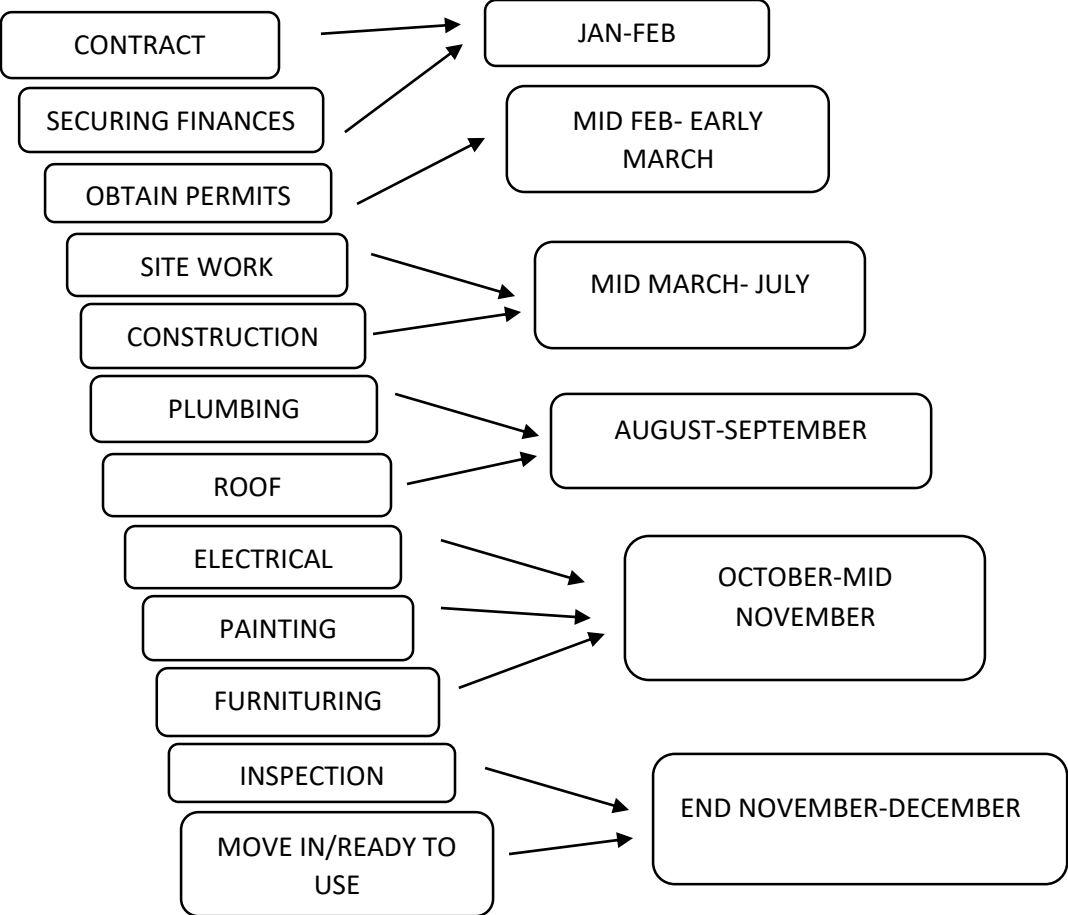
The Contractor shall obtain all necessary permits to perform the Work according to the safety or security requirements as to the Contractor's Works, personnel, vehicles, materials and equipment. The Contractor shall submit a detailed Safety Plan in accordance with Attachments DELIVERABLES, prior to mobilizing on Site for the Owner's approval, which will be incorporated into the Contract Documents as Attachment SAFETY PLAN.

QUALITY

The Contractor shall fully comply with all quality requirements under the Agreement and Owner's regulations in accordance with Attachment QUALITY PLAN (OWNERS AND/OR CONTRACTORS).

The Contractor shall submit detail quality assurance plan and procedure prior to mobilizing to Site for Owners review and approval, which will be incorporated into the Contract Documents as Attachment QUALITY PLAN.

QUESTION 2: GANTT CHART

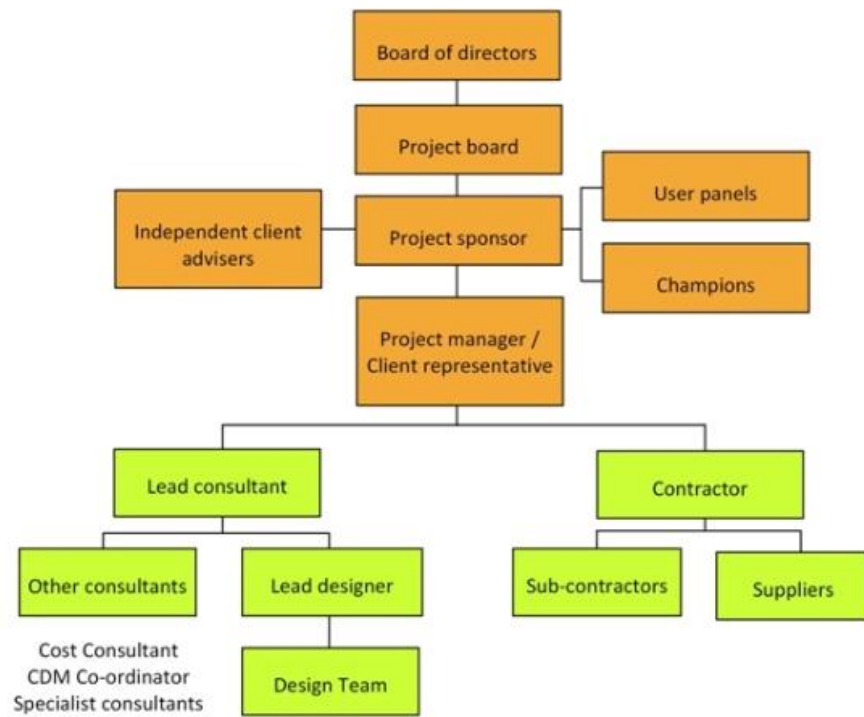


QUESTION 3:

LIST OF HUMAN RESOURCES

- People (Work Force)
- Capital
- Materials

CONSTITUTION OF PROJECT TEAM



LEAD CONSULTANT: The construction is led by the Lead Consultant **Engr. OMOTAYO OGUNKUADE**

QUESTION 4:

Construction sites are often the target of theft and vandalism, but this kind of criminal activity is a big liability for construction companies. Equipment and tools are not just valuable and expensive to replace, but they are necessary to get the job done safely, properly and on schedule.

Security on construction sites is challenging because the area is constantly changing, and the project involves a lot of different workers from various companies. Unauthorized entry, theft and vandalism are major concerns, both for the construction company and for the property owner. Stolen or damaged equipment, tools and material is costly and can cause big delays in the work schedule.

HOW SITE WAS SECURED:

Post a strong fence around the perimeter of the site.

Maintain a clearance area along both sides of the perimeter fence.

Post signage that clearly states that people are not allowed into the site without proper authorization.

Limit access within the building site as much as possible.

Establish a single entrance point for work vehicles.

Ensure that workers and visitors have a safe parking area outside, but near the site.

Use high-quality locks to secure the gate whenever the site is not active.

Keep detailed records of security issues.

Perform a check of the site and perimeter at the end of each workday.

Make sure that all trailers, offices, sheds and gates are locked during non-work hours.

Maintain ample light around the site to deter criminal activity at night.

QUESTION 5

THE BEME PROJECT:

THE PROJECTIONS	COSTS
At 10%	6 million naira
At 15%	12 million naira
At 5%	1.5 million naira
At 12%	11 million naira
At 20%	22 million naira

QUESTION 6

MOBILISATION	23 million naira
COMPLETION	12 million naira
COMPLETION AND HANDOVER	6 million naira
DEFECT LIABILITY PERIOD	13 million naira

QUESTION 7

WHAT IS BEME?

A BEME review is a description and evaluation of evidence pertinent to a clearly formulated topic/question that uses explicit scientific methodologies and methods to systematically identify, assemble, critically analyze and synthesize information relevant to the review topic.

BEME-BILL OF ENGINEERING MEASUREMENTS AND EVALUATION

WHAT IS 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. Depending on the form of contract you are reading, it may also be referred to as a rectification period or defects correction period.

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.

WHAT IS LEAD CONSULTANT?

Lead consultants have hands-on roles which involve the day-to-day running of continuing client projects. They are team leaders, analyzing and reviewing proposals from the team, providing appropriate solutions to problems, and making decisions on the way forward by acting as liaisons between the client and the consultancy team. Their work involves directly dealing with the client

to clearly understand its needs, and to provide possible solutions for the client's consideration. The team receives and works on the client's information from the lead consultant.

WHAT IS PROJECT LIFE CYCLE?

The Project Life Cycle refers to the four-step process that is followed by nearly all project managers when moving through stages of project completion. This is the standard project life cycle most people are familiar with. The Project Life Cycle provides a framework for managing any type of project within a business.

WHAT IS ENVIRONMENTAL IMPACT ASSESMENT?

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" (SEA) applies to policies, plans and programs most often proposed by organs of state. It is a tool of environmental management forming a part of project approval and decision-making. Environmental assessments may be governed by rules of administrative procedure regarding public participation and documentation of decision making, and may be subject to judicial review.

