



**IPMA**  
International Petroleum and Mining Academy.



## PROJECT PRESENTATION

# IPMA

Central Africa Regional  
Petro-Mining Engineering University  
**City CAMEROON**

**A Human Capital  
Development Project  
For Cameroon and the  
Central Africa Sub-Regional.**



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# University City Conceptual Plan on 100 Hectares of Land.



**IPMA**  
Central Africa Regional  
Petro-Mining Engineering University  
City CAMEROON



**IPMA**  
Central Africa Regional  
Petro-Mining Engineering University  
City CAMEROON



The students hostels



# SUMMARY CONTENT OF THE UNIVERSITY CITY.

## CAMPUS FACILITIES:

1. Administrative Buildings
2. Academic Buildings
3. Student Hostels
4. Staff Hostels
5. Training Laboratories
6. Training Workshops
7. Cultural Center
8. Canteen / Restaurant
9. Sport Complex
10. Campus Bank
11. Campus Clinic
12. Police Station
13. Model Rig Yard
14. Campus Hotel
15. Campus Supermarket
16. Christian Worship Center
17. Muslim Worship Center
18. Sea Survival Training Pool

## Laboratory Building:

1. Drilling Engineering Lab,
2. Reservoir Engineering Lab,
3. Engineering and Process Control Lab,
4. Petroleum Testing Lab,
5. Chemical / Petrochemical Lab,
6. Fluids and Solid Operations Lab,
7. Heat and Mass Transfer Lab,
8. Chemical Process Control Lab,
9. Gas Engineering and PVT Lab,
10. Production and Well Testing Lab,
11. All-in-one Mining Laboratory.

## Workshops:

1. Industrial welding Engineering,
2. Mechanical Engineering
3. Electrical Engineering,
4. Instrumentation and Control
5. Upstream Operations
6. Midstream Operations
7. Refinery and Petrochemicals

## HSE and Survival:

1. Life-raft
2. Life board
3. All Sports - sport complex
4. Waste plastic transformation plant

## SOME Mining Training Equipment

Rock-Forming Minerals Hand Specimen: Quartz, Orthoclase, Biotite, Muscovite, Calcite, Plagioclase, Talc, Gypsum, Calcite, Fluorite, Feldspar (Orthoclase, Microcline, Plagioclase), Muscovite, Biotite, Quartz, Beryl, Tourmaline, Corundum, Kyanite, Serpentine, Garnet and Sillimanite.

Economic minerals Hand Specimen: Galena, pyrolusite, Hematite, Magnetite, Bauxite, Chromite, Chalcopryite, Pyrite

Igneous rocks Hand Specimen: Granite, Basalt, Rhyolite, Obsidian, Dolerite, Syenite

Sedimentary Rocks Hand Specimen: Sandstone, Shale, Limestone, Conglomerate, Breccia

Metamorphic rocks: Gneiss, Schist, Quartzite, Marble, Slate

Round Magnet / Polarizing Petrological Microscope / Geological Maps, Charts & Models

Geologist Geological Hammer

Knife, Iron Plate, Streak Plate, Glass Plate, Copper Plate, Iron Plate, Garnet Board

Magnet, Hand Lens, Acid Drop Bottle, Mohs Hardness Scale

Rocks & Minerals Test Kit Mohs Hardness Scale Kit

Ore minerals: Haematite, Magnetite, Chalcopryite, Malachite, Azurite, Chromite, Bauxite, Pyrolusite, Psilomelane, Sphalerite, Galena

## Africa's Natural Recourses Industry Remains an Excellent Opportunity for Investments.

**Africa is at the Central of Natural Resources Diversity of the Global Economy and Requires the Development of its Human Capital for the Sustainable Exploitation of these Resources in Africa by both Local and International Investors.**



**Human Capital Development Remains  
the Most Fundamental Factor Amongst  
the Critical Factors in Developing  
Africa's Natural Resources.**

**(President Director General IPMA)  
GEMBOM DENIS**



# PRESENTATION IN CHAD 2023

CABEF is an Association of both Private and Public Energy Experts of the Central Africa Region created with the global vision to develop the Energy Infrastructure of the Region and the Realization of the **Central Africa Pipeline System Project (CAPS Project)**. Human Capital remains the major critical factor to be considered in the development of the infrastructure of the Central Africa Sub-region. IPM Academy presents the way forward which is the **Creation and Operation of The Central Africa Regional Petro-Mining Engineering University** for the training of Regional Experts.



COLORADO University Team Leader who is the Vice President of the University gets some orientation on the functioning of the Central Africa regional University.





# PRESENTATION IN GABON 2024

The Secretary General of **APPO**, the President of **CABEF**, the Chairman of **CAPS** Project, the Minister of Petroleum of **Gabon, Chad and Equatorial Guinea**, the Project Manager of the **CAPS Project** appreciate the Progress of the Central Africa Regional Petro-mining Engineering University Project Recommended in CABEF 2023 Chad, for Human Capital Development and the harmonization of Cameroon and the Central Africa Regional Workforce with the European, American and Asian/Middle East Workforce where most investors in Africa come from.





# PRESENTATION IN ZANZIBA TANZANIA 2025

THE CENTRAL AFRICA REGIONAL PETRO-MINING ENGINEERING UNIVERSITY PROJECT.



CEO and Chairman of YAPA,  
SEC General YAPA,  
Adviser to the Minister of  
Hydrocarbons DRC,  
Representative of the Minister  
of Hydrocarbons Tanzania,  
Representative of the Minister  
of Hydrocarbons Zanzibar,  
Visited IPMA Booth at the  
New African Dimension Oil  
and Gas Conference.

## THE GLOBAL GOAL OF THE CENTRAL AFRICA REGIONAL PETRO-MINING ENGINEERING UNIVERSITY CITY PROJECT.

The global goal of the **International Petroleum and Mining Academy (IPMA)** to create the **Central Africa Regional Petro-Mining Engineering University City Project** is to develop the Petroleum, and Mining Human Capital of Cameroon and the Central African Sub-Region by offering Internationally Certified Training Programs at the **Diploma, Bachelor, Master Degree and Doctorate Degree Level** that matches with job profiles and leading to the removal of the citizens from their poor static and inadequate Technical Knowledge to a more dynamic and International Certified Engineering Skills needed by both the Governments and private investors for the realization of Projects in Cameroon, the Central African Sub-region and beyond. Furthermore this will lead to the production of a **Core Engineering Regional Workforce** and the harmonization of Cameroon the Central Africa Regional Workforce with that of the western world where most investors come from. Hence sustainable employment and poverty eradication.

## THE BACKGROUND REASONS FOR THE CREATION OF THE CENTRAL AFRICA REGIONAL PETRO-MINING ENGINEERING UNIVERSITY CITY PROJECT.

Africa and the Central Africa Sub region is endow with huge deposit of oil and gas and mining in the global economy, but the Central Africa Sub-region and Cameroon is plagued with a steady rise in unemployment, poverty, uncertified training programs in universities, because many African Countries including Cameroon and the Central Africa States have not yet enter the mainstream of International Certified Professional Training that leads to the production of **Regional Experts** in the Petroleum and Mining industries needed by both the Investors and Governments for the realization of projects while building a Sustainable Human Resources base for a permanent operations and maintenance human resources pool, and for the eradication of poverty in Africa via employment into well paid jobs.



In addition to the experience of IPM Academy in the process to develop the human resources of the energy industry of Cameroon and the Sub-region, **the Sectorial Activities Department of the International Labour Organization in Geneva in 2012 reports** that; a **Global Training Strategy which Matches Training to the Labour Market demands**, needs to be formulated to stand against the increasing shortage of skills of both technical, soft and managerial skills with particular attention to technical occupations such as **Petrochemical Engineers, Petroleum Engineers, Geologists, etc.** Furthermore there should be a greater reliance on **Local / Regional Experts or Workforces**, young people should be attracted to get in for training, and women should be attracted to get into the energy industry.

The falling graduation rate of students trained with international certified training programs in Africa and the demographic rate at which the aging go for retirement in the western world (By Stephen Rassenfoss in the Journal of Petroleum Technology) necessitate the Central Africa Region to Operate a Private Professional Petro-mining Engineering Higher Training Institution for the production of **Core Engineers (Regional Experts)** for recruitment in the giant energy projects in the Africa Sub-region and Africa leading to the eradication of unemployment and poverty at the bottom. Furthermore, Cameroon and the Central Africa Sub region needs a petroleum and mining training Institution that will offer training with the same quality and international standards to all nations in one spot, and also act as an International Certification Institution with the same standards of the highest certification institution in the global economy.

### **PROJECT IMPACT TO CAMEROON AND THE SUB-REGION**

The creation and operation of the Central Africa Regional Petro-Mining Engineering University City in Cameroon will bring economic development in the community where the university will be located, it will create over 8 000 direct and indirect jobs both at the construction and operational stages, it will bring closer to Cameroonians International Certification and Research hence reducing the costs to travel to other nations for certifications and Research activities, it will create the competent labour required by the state and the operators for the realization of their project hence poverty eradication at the base, the maintenance of projects will be more easier as there is the availability of local experts.



## **PROJECT EVOLUTION LEVEL AND LEVEL OF ACTIVITIES**

The Central Africa Regional Petro-Mining Engineering University City Project was conceived IPMA University Institute formally known as CPE Academy in 2021 and presented to the Central Africa Business Energy Forum office in 2022.

It was present in the CABEF conference Panel 6 and recommended by these Energy Experts of the Central Africa Sub-Region in the Central Africa Business Energy Forum 2023 Chad reports.

The Architectural designs for the Central Africa Regional Petro-Mining Engineering University Project campus have been done.

The Technical Team has been constituted both from the International and National community.

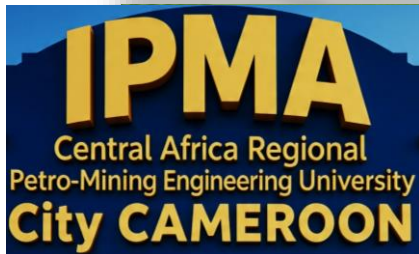
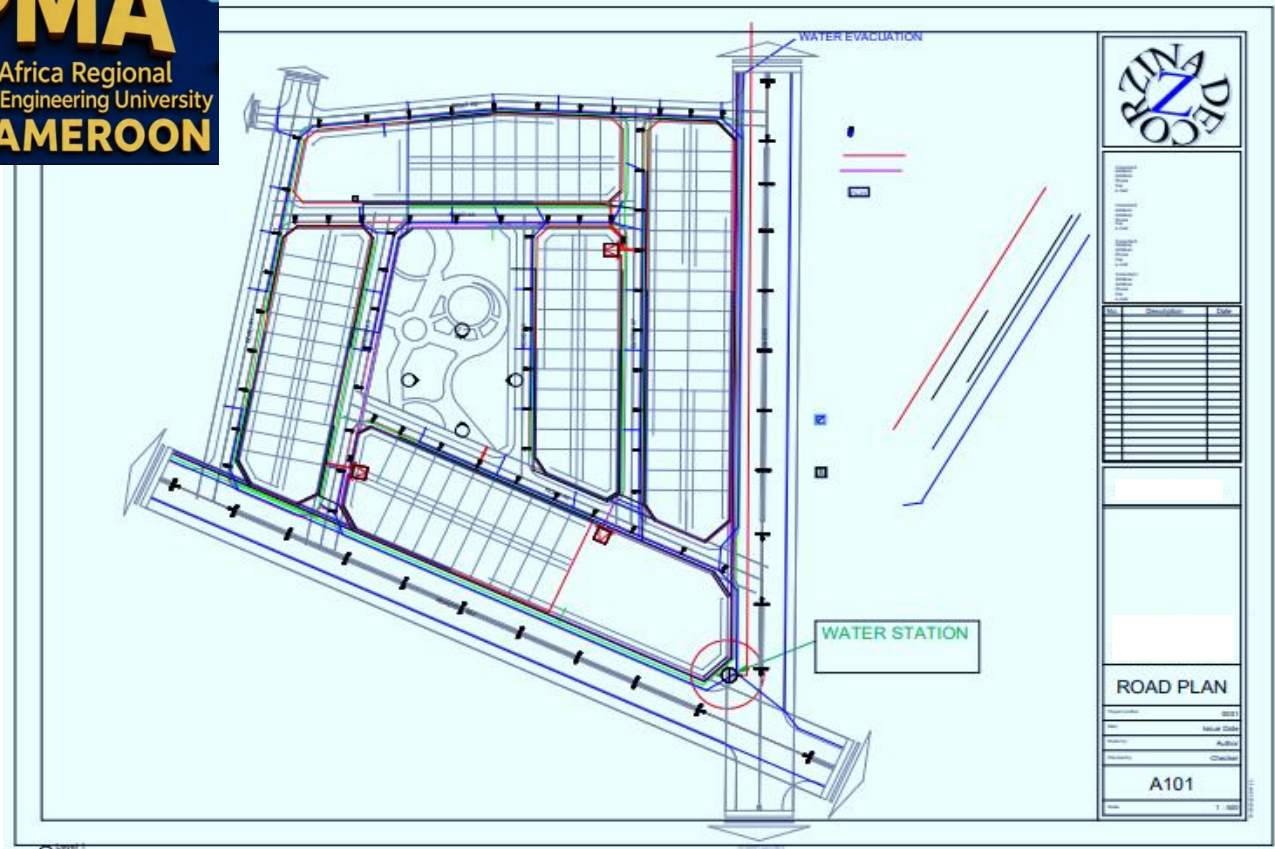
The suppliers of International Certified Laboratory equipment have been contacted and they are working on the consignments.

The level of activities geared towards the realization of this project has been presented to the Energy Experts of the Central Africa Sub-Region in the Central Africa Business Energy Forum in Gabon 2024.

The International Petroleum and Mining Academy who are the promoters of the Central Africa Regional Petro-Mining Engineering University Project has further present the project to energy actors from Democratic Republic of Congo, Kenya, Libya, Tunisia, Comoros, Tanzania and Zanzibar during the Young Africans Petroleum Association conference held in Zanzibar in 2025.

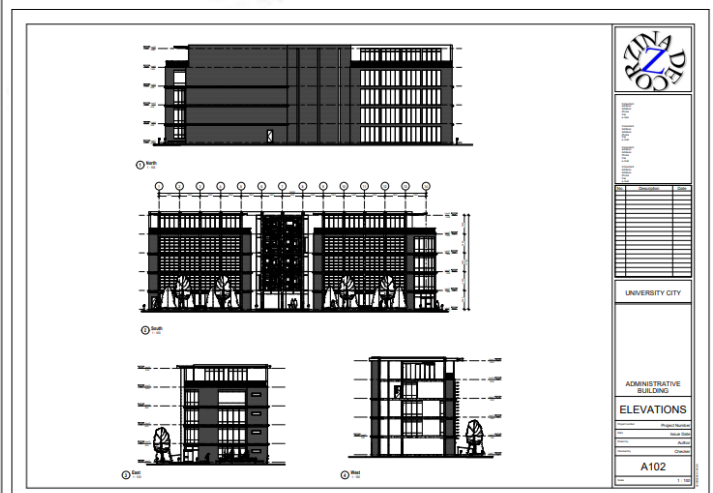
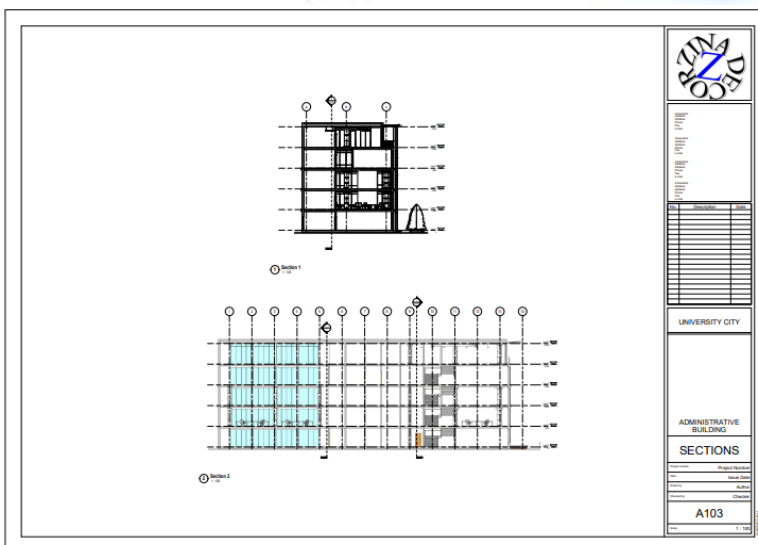
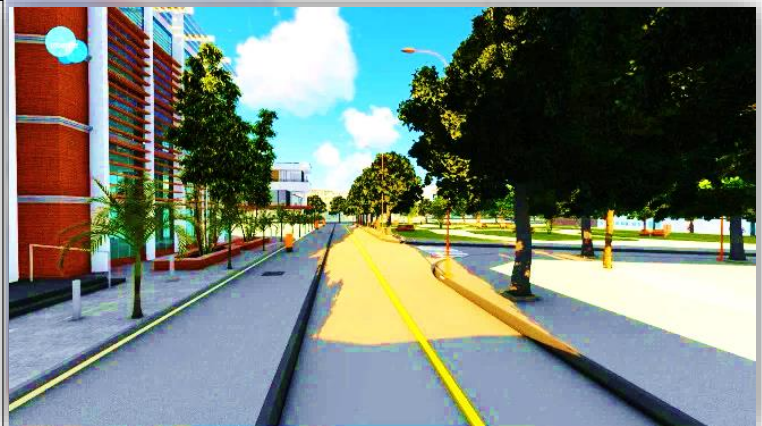
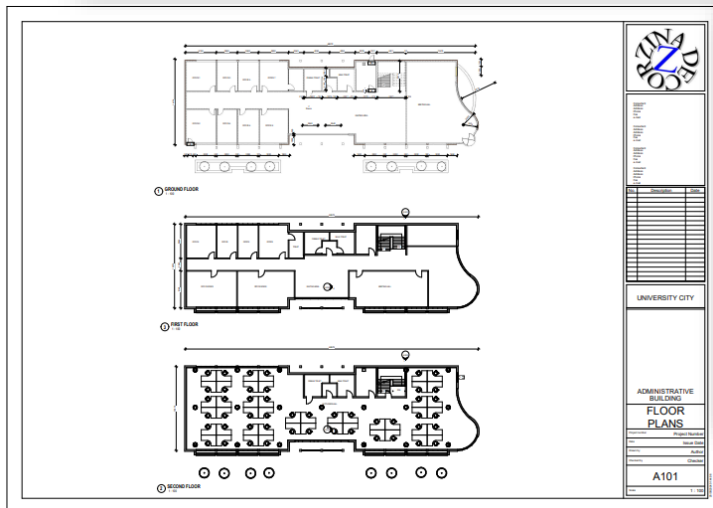
Two financing institutions which are interested in financing the Central Africa Regional Petro-Mining Engineering University Project have recorded and activities are going on to meet with their requirements.





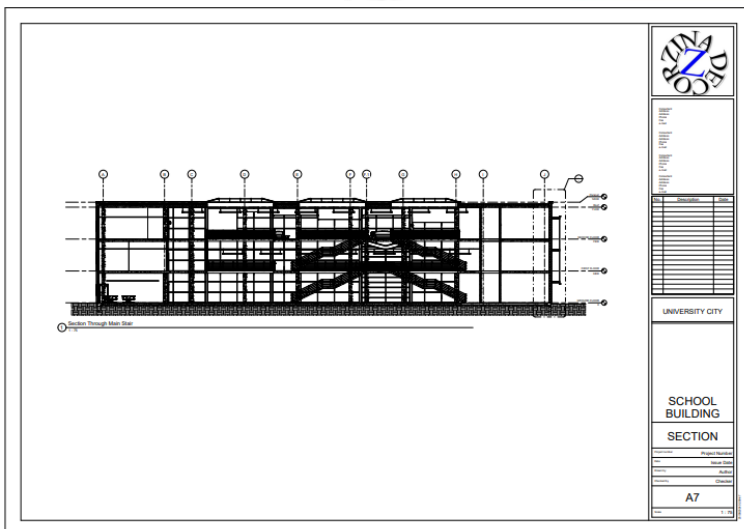
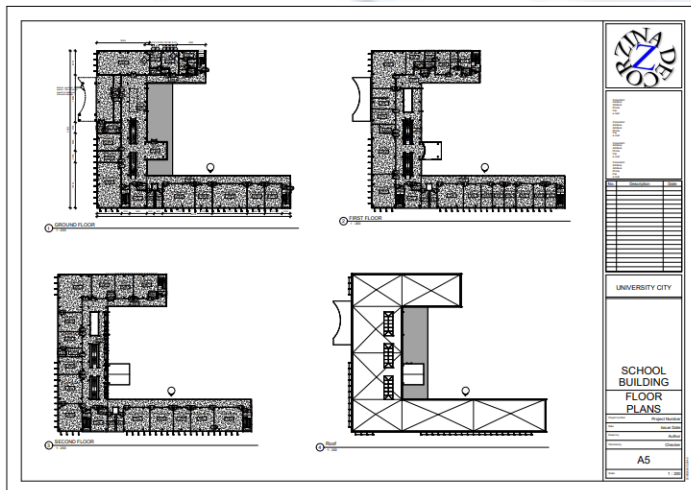


# ADMINISTRATIVE BUILDING:

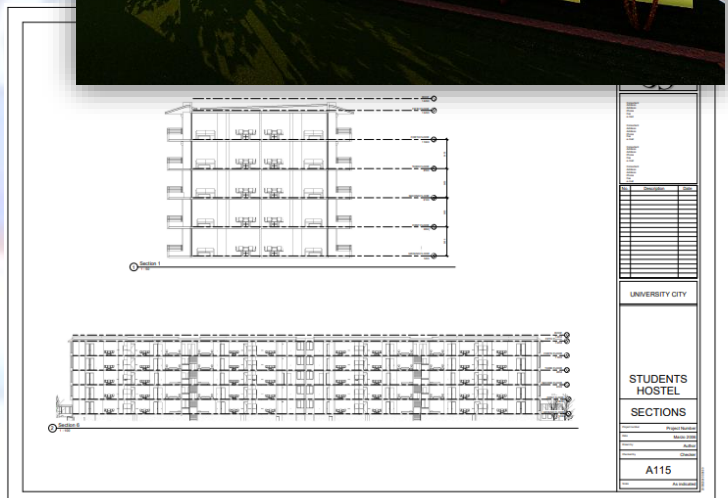
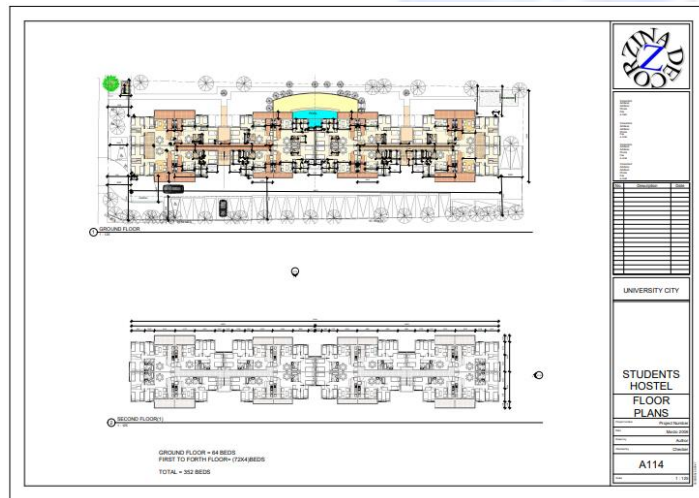




## ACADEMIC BLOCKS:

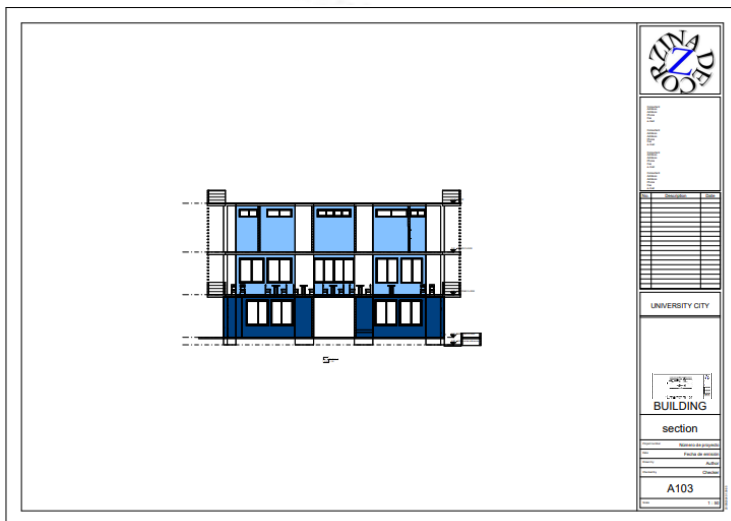
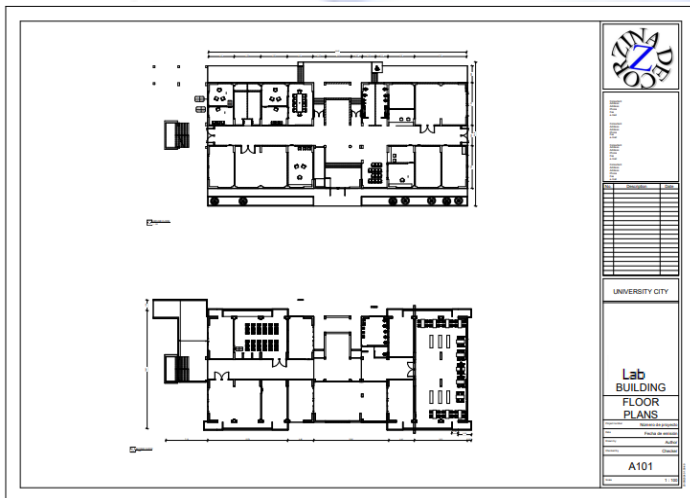








# TRAINING LABORATORIES:

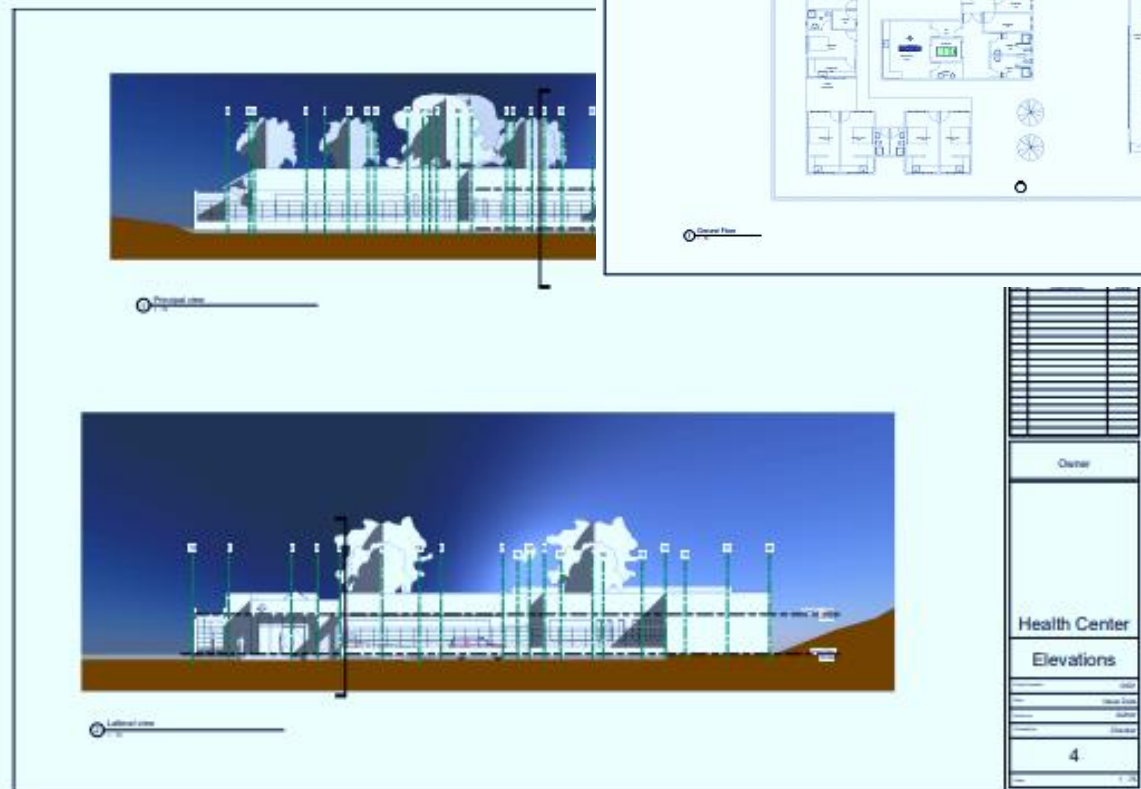
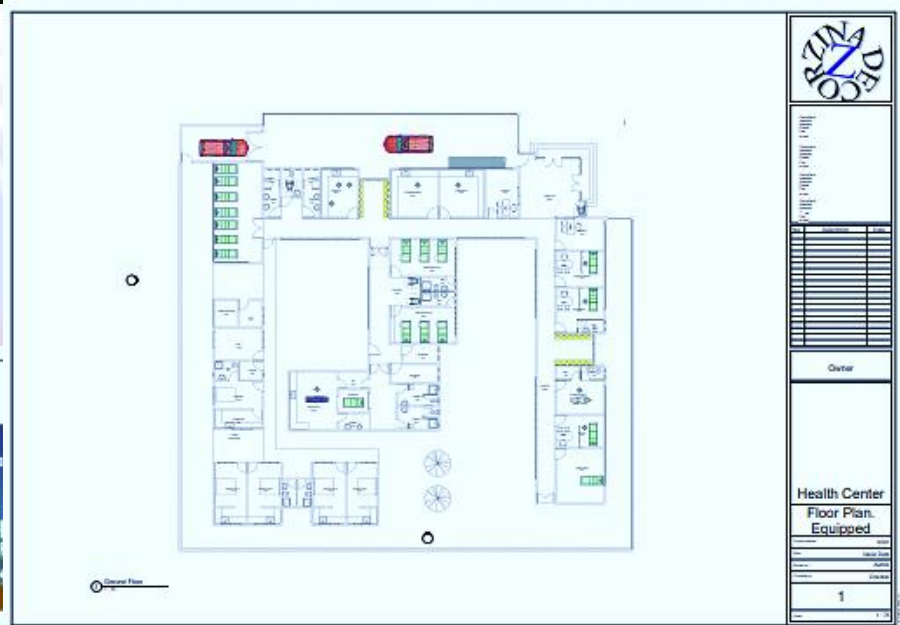




**CAMPUS CLINIC PLAN**

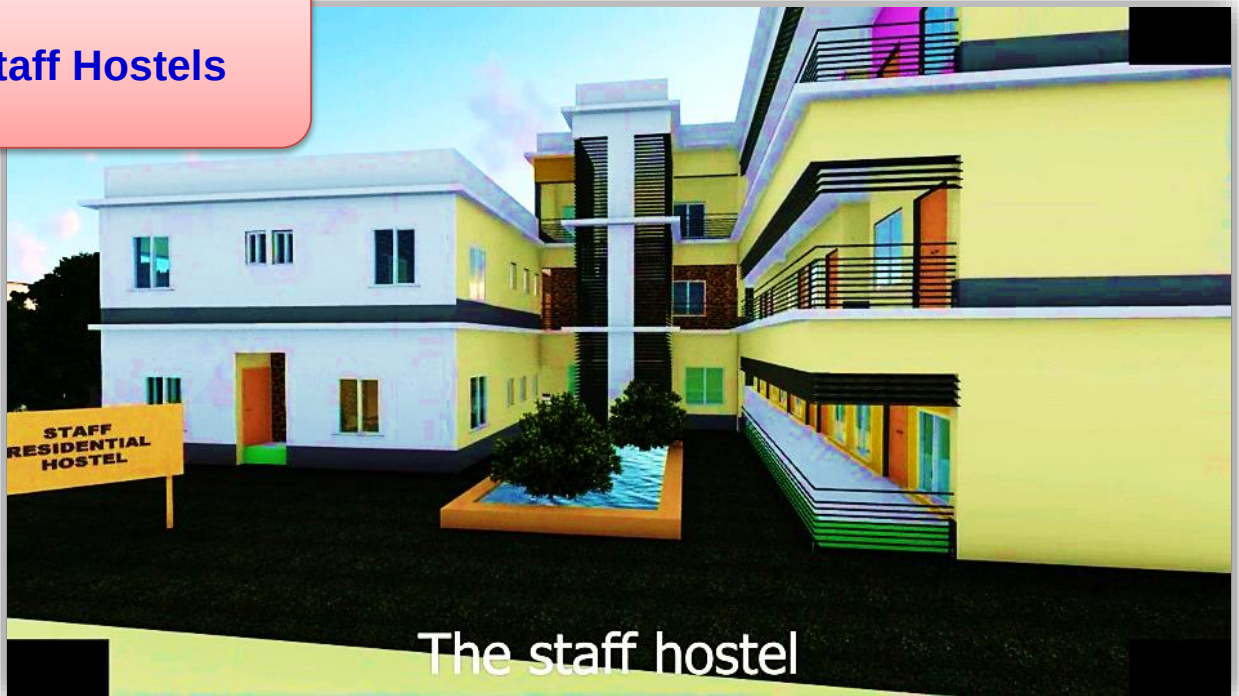


**THE CAMPUS CLINIC**

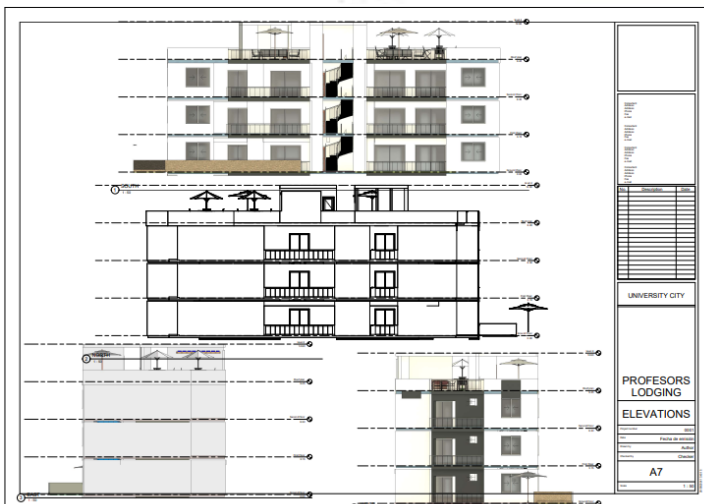
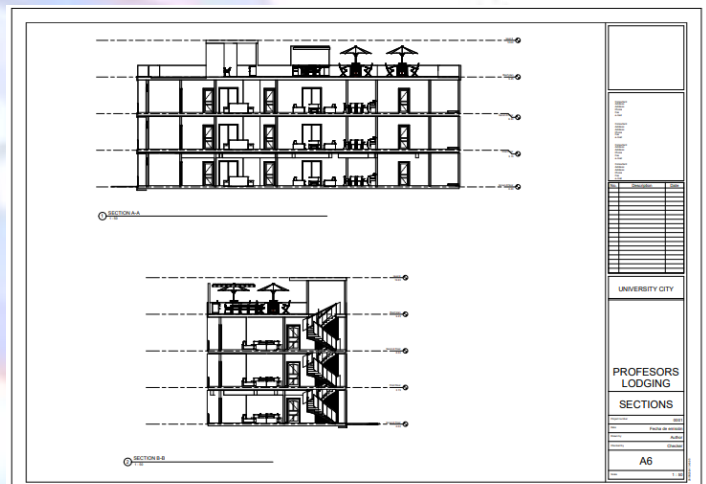
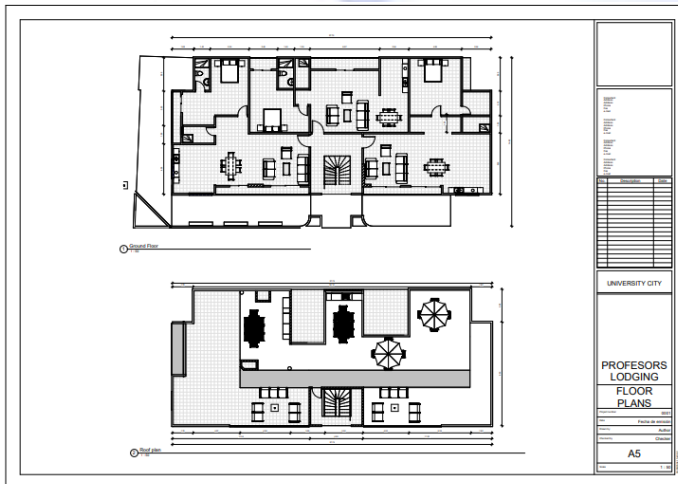




## The Staff Hostels

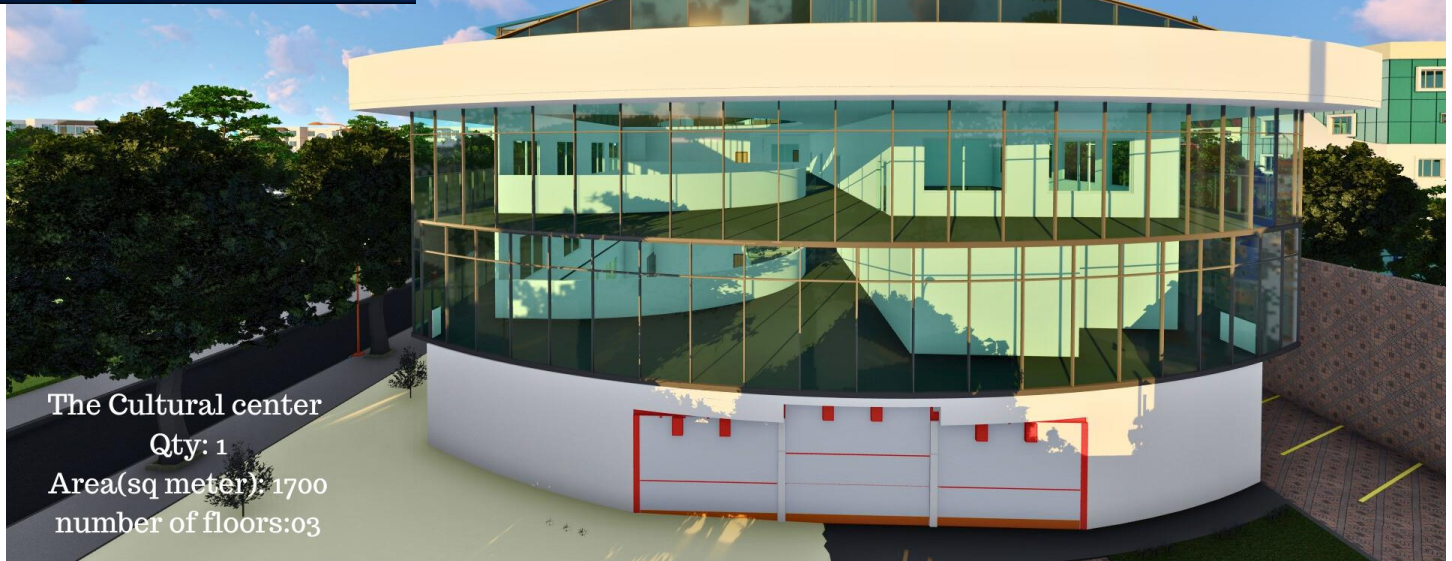


The staff hostel

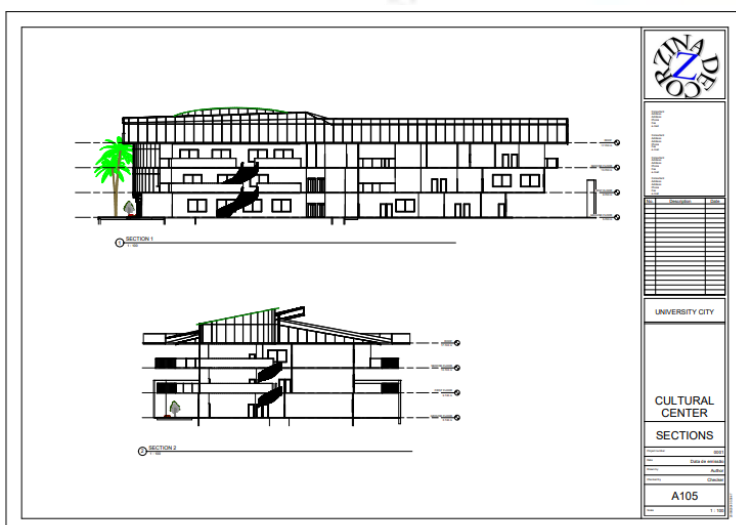
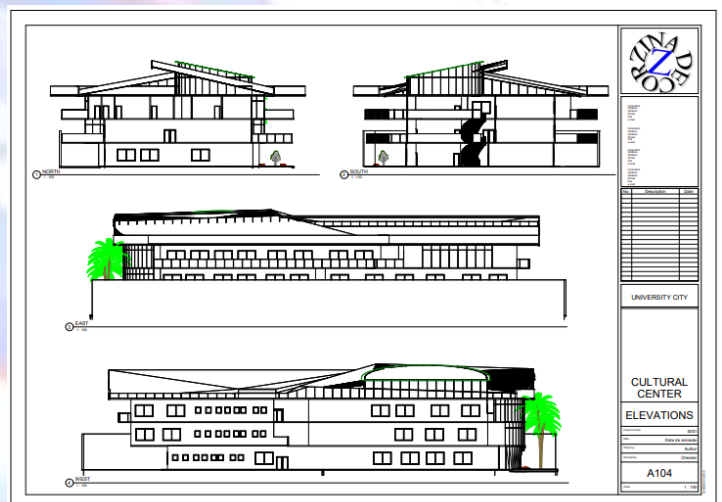
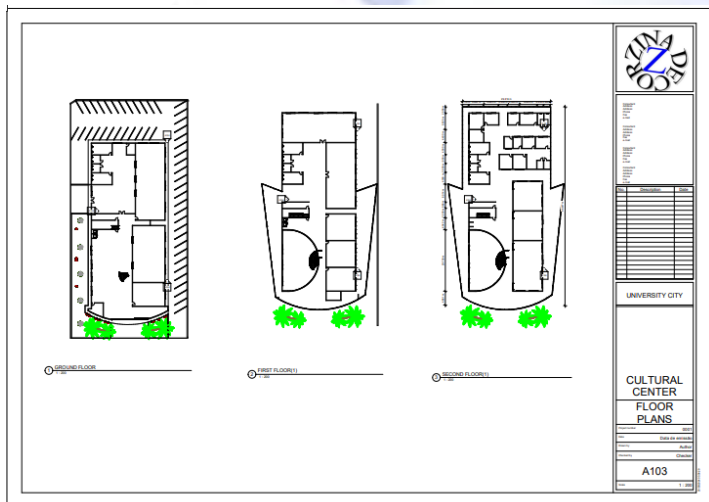




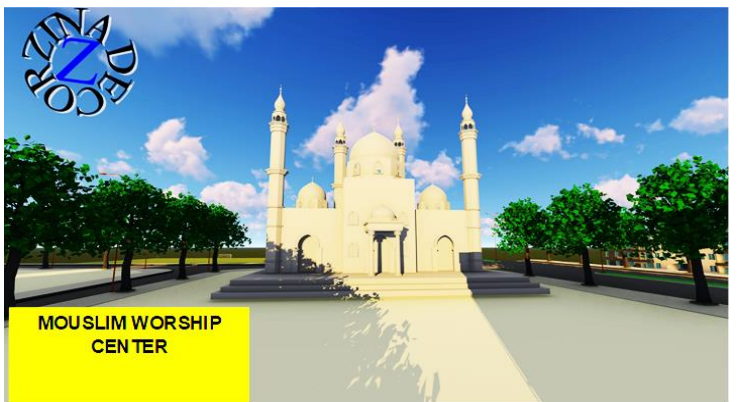
# Cultural Center and Amusement Park



The Cultural center  
Qty: 1  
Area(sq meter): 1700  
number of floors:03

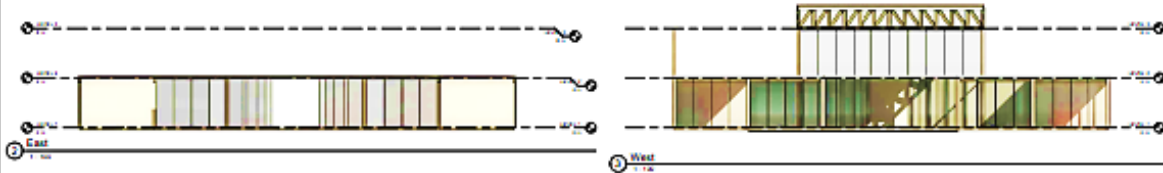
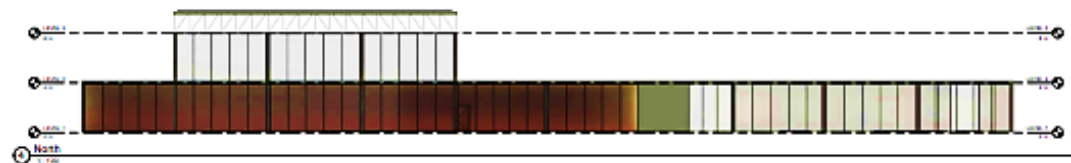








**Instrumentation & Controls, Mechanical Tech, Electrical Tech, Plant Operations, Petrochemical Technology.**

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## PROPOSED SEA SURVIVAL TRAINING SITE



## PROJECT INVESTMENT BUDGET AND DISBURSEMENT PLAN

| NO          | DESCRIPTION                                        | COSTS | AMT CFA               | DISBURSEMENT          |
|-------------|----------------------------------------------------|-------|-----------------------|-----------------------|
| <b>(A)</b>  | <b>Project Studies and Mobilization:</b>           |       |                       |                       |
| 01          | Purchase of 80 hectares of Land                    |       | <b>5,000,000,000</b>  |                       |
| 02          | Land documentation and Technical Studies           |       | 8,000,000,000         |                       |
| 03          | Environmental impact finalization                  |       |                       |                       |
| 04          | Geotechnical studies                               |       |                       |                       |
| 05          | Finalization of Architectural designs              |       |                       |                       |
| 06          | Construction permits                               |       |                       |                       |
| 07          | Community Management.                              |       |                       |                       |
| 08          | Logistics and Transportation (Vehicles)            |       |                       |                       |
|             | <b>Requirements:</b>                               |       |                       |                       |
|             | • Four Pick-up Vehicles                            |       |                       |                       |
|             | • Safety equipment (Alcohol testing Machine)       |       |                       |                       |
|             | • One GPS                                          |       |                       |                       |
|             | • One Theodolite                                   |       |                       |                       |
|             | • One Dumping Level                                |       |                       |                       |
|             | • Two Drones                                       |       |                       |                       |
|             | • Software                                         |       |                       |                       |
|             | • Six Computers                                    |       |                       |                       |
|             | • Two Printers                                     |       |                       |                       |
|             | • Two Binders                                      |       |                       |                       |
|             | • Stationery                                       |       |                       |                       |
|             | • Studies and mobilization fee                     |       |                       |                       |
|             | • Fundraising activities                           |       | 60,000,000,000        |                       |
|             | <b>TOTAL A</b>                                     |       | <b>73,000,000,000</b> |                       |
| <b>(B)</b>  | <b>Installation of Project Site:</b>               |       |                       |                       |
| 1           | Bush clearing and cleaning and demarcations        |       |                       |                       |
| 2           | Placement of site office                           |       |                       |                       |
| 3           | Earth Moving machines for leveling.                |       |                       |                       |
| 4           | Setting up of workers living site                  |       |                       |                       |
| 5           | Preparation of Material spots.                     |       |                       |                       |
| 6           | Stocking of Pecking materials                      |       |                       |                       |
| 7           | Construction of temporal fence on the site         |       |                       |                       |
| 8           | Identification of the drainage system.             |       |                       |                       |
| 9           | Planting of pecks and demarcating major structures |       |                       |                       |
|             | <b>Requirements:</b>                               |       |                       |                       |
|             | • One Suspended fuel tank and pump                 |       |                       |                       |
|             | • One Fuel truck                                   |       |                       |                       |
|             | • Two Generators.                                  |       |                       |                       |
|             | • Solar panel                                      |       |                       |                       |
|             | • Two Bulldozers                                   |       |                       |                       |
|             | • Two Excavators                                   |       |                       |                       |
|             | • Bore hole Drilling Machine                       |       |                       |                       |
|             | • Two Road Grading machine.                        |       |                       |                       |
|             | • Water tanks                                      |       |                       |                       |
|             | • High tension Current                             |       |                       |                       |
|             | <b>TOTAL B</b>                                     |       | <b>93 100 000 000</b> |                       |
|             | <b>First Installment Disbursement</b>              |       |                       | <b>93 100 000 000</b> |
| <b>(C )</b> | <b>Constructions</b>                               |       |                       |                       |
| 1           | Classroom Building – Foundation/ elevations        |       | 40,519,500,000        |                       |
| 2           | Students Hostel – Foundation/Elevation             |       | 30,043,500,000        |                       |



|                                        |                                                  |  |                        |                        |
|----------------------------------------|--------------------------------------------------|--|------------------------|------------------------|
| 3                                      | Staff Hostel – Foundation and walls              |  | 10,175,000,000         |                        |
| 4                                      | Administrative building – Foundation and Walls   |  | 20,200,000,000         |                        |
| 5                                      | Laboratories Building – foundation and walls     |  | 30 200 000 000         |                        |
| 6                                      | Main entrance / security department – F & W      |  | 9,200,000,000          |                        |
| 7                                      | Cultural hall – Foundation and Walls             |  | 9,340,000,000          |                        |
| 8                                      | Campus Clinic – foundation and walls             |  | 2,175,000,000          |                        |
| 9                                      | Industrial Workshops foundation and walls        |  | 8,193,500,000          |                        |
| 10                                     | Campus Hotel for Expatriates foundation / walls  |  | 18,000,000,000         |                        |
| 11                                     | Canteen building - Foundation and Walls          |  | 5,100,000,000          |                        |
|                                        | <b>Requirements:</b>                             |  |                        |                        |
|                                        | • Construction cranes                            |  |                        |                        |
|                                        | • Scaffolds                                      |  |                        |                        |
|                                        | • Cement mixing plant                            |  |                        |                        |
|                                        | • Cement block fabrication plant                 |  |                        |                        |
|                                        | • Wood machining plant                           |  |                        |                        |
|                                        | • Consumables (Sand, Gravel, Ciment, Rodes       |  |                        |                        |
|                                        | • Handy tools                                    |  |                        |                        |
|                                        | • Concrete box wood and other wood/ lads.        |  |                        |                        |
|                                        | • Beam support poles                             |  |                        |                        |
|                                        | • Cement Motta pumping machine                   |  |                        |                        |
|                                        | • Welding workshop                               |  |                        |                        |
|                                        | • Aluminum and Glass workshop                    |  |                        |                        |
|                                        | <b>TOTAL C</b>                                   |  | <b>182,946,500,000</b> |                        |
| <b>Second Installment Disbursement</b> |                                                  |  |                        | <b>182,946,500,000</b> |
| 8                                      | Sport sites (football, basket, volley, etc.)     |  | 3,025,000,000          |                        |
| 9                                      | Training pool for offshore survival training     |  | 4,040,000,000          |                        |
| 13                                     | The police station                               |  | 80 000 000             |                        |
| 14                                     | The Restaurant                                   |  | 50 000 000             |                        |
| 15                                     | The worship centers                              |  | 500 000 000            |                        |
| 16                                     | Waste plastic transformation plant               |  | 15 300 000 000         |                        |
|                                        |                                                  |  |                        |                        |
|                                        | <b>(D) Finishing, Furnishing and Equipment:</b>  |  |                        |                        |
| 1                                      | Classroom Building                               |  | 25,919,500,000         |                        |
| 2                                      | Students Hostel                                  |  | 27,275,000,000         |                        |
| 3                                      | Staff Hostel                                     |  | 4,693,500,000          |                        |
| 4                                      | Canteen building                                 |  | 1,212,500,000          |                        |
| 5                                      | Administrative building                          |  | 10,500,000,000         |                        |
| 6                                      | Main entrance and the security department        |  | 1 075 000 000          |                        |
| 7                                      | Cultural hall                                    |  | 3 200 000 000          |                        |
| 8                                      | Sport sites (football, basket, volley, etc.)     |  | 3 000 000 000          |                        |
| 9                                      | Training pool for offshore survival training     |  | 2,337,250,000          |                        |
| 10                                     | Campus Hotel for Expatriates                     |  | 8,227,500,000          |                        |
|                                        | <b>TOTAL D</b>                                   |  | <b>110,435,250,000</b> |                        |
| <b>Third Installment Disbursement</b>  |                                                  |  |                        | <b>110,435,250,000</b> |
| 11                                     | <b>Laboratories Building:</b>                    |  |                        |                        |
|                                        | Mining Laboratory and Equipment                  |  | 3,943,500,000          |                        |
|                                        | Geology and Petro-logical Laboratory Equipment   |  | 2,440,000,000          |                        |
|                                        | Production and Well Testing Laboratory Equipment |  | 4,675,000,000          |                        |
|                                        | Drilling Engineering Laboratory and Simulation   |  | 2,030,000,000          |                        |
|                                        | Gas Engineering and PVT Lab Equipment            |  | 2,413,500,000          |                        |
|                                        | Reservoir Engineering Laboratory Equipment       |  | 4,658,500,000          |                        |
|                                        | Petroleum Testing Laboratory                     |  | 1,005,000,000          |                        |

|    |                                              |  |                        |                        |
|----|----------------------------------------------|--|------------------------|------------------------|
|    | Chemical / Petrochemical Lab                 |  | 1,000,000,000          |                        |
|    | Fluids and Solid Operations Laboratory       |  | 2,005,000,000          |                        |
|    | Heat and Mass Transfer Laboratory            |  | 2,005,000,000          |                        |
|    | Chemical Engineering and Process Control Lab |  | 2,005,000,000          |                        |
|    | Petroleum Geology and Exploration Laboratory |  | 1,000,000,000          |                        |
|    | Production and Well Testing                  |  | 1,005,000,000          |                        |
| 12 | Campus Clinic                                |  | 1,224,500,000          |                        |
| 13 | The police station                           |  | 210,500,000            |                        |
| 14 | The Restaurant                               |  | 2,212,500,000          |                        |
| 15 | The worship centers                          |  | 200,500,000            |                        |
| 16 | Industrial Workshops                         |  | 3,214,500,000          |                        |
| 17 | Practical Training site –Mining              |  | 70,629,750,000         |                        |
| 18 | Practical Site – Petroleum well              |  | 100,629,750,000        |                        |
|    | <b>TOTAL E</b>                               |  | <b>280,629,750,000</b> |                        |
|    | <b>Fourth Installment Disbursement</b>       |  |                        | <b>280,629,750,000</b> |
|    | <b>TOTAL</b>                                 |  | <b>450,000,000,000</b> |                        |

## OPERATING INCOME AND EXPENDITURE FOR SIX YEARS

### TOTAL INCOME PROJECTIONS FOR 6 YEARS

| Years        | CAMPUS<br>TRAINING | CAPACITY<br>BUILDING | PLASTIC<br>FUEL       | TOTAL                  |                    |
|--------------|--------------------|----------------------|-----------------------|------------------------|--------------------|
|              |                    |                      |                       | FCFA                   | USD                |
| 2025/26      | 7 240 000 000      | 4,726,000,000        | 10,412,500,000        | 22,378,500,000         | 44,757,000         |
| 2026/27      | 7 240 000 000      | 4,726,000,000        | 10,412,500,000        | 22,378,500,000         | 44,757,000         |
| 2027/28      | 7 240 000 000      | 4,726,000,000        | 10,412,500,000        | 22,378,500,000         | 44,757,000         |
| 2028/29      | 7 240 000 000      | 4,726,000,000        | 10,412,500,000        | 22,378,500,000         | 44,757,000         |
| 2029/30      | 7 240 000 000      | 4,726,000,000        | 10,412,500,000        | 22,378,500,000         | 44,757,000         |
| 2030/31      | 7 240 000 000      | 4,726,000,000        | 10,412,500,000        | 22,378,500,000         | 44,757,000         |
| <b>TOTAL</b> |                    |                      | <b>62,475,000,000</b> | <b>134,271,000,000</b> | <b>268,542,000</b> |

### TOTAL EXPENDITURE PROJECTIONS FOR 6 YEARS

| Years        | CAMPUS<br>TRAINING | CAPACITY<br>BUILDING | PLASTIC FUEL  | TOTAL                 |                    |
|--------------|--------------------|----------------------|---------------|-----------------------|--------------------|
|              |                    |                      |               | FCFA                  | USD                |
| 2025/26      | 1 508 640 000      | 1,890,400,000        | 7 145 614 000 | 10,544,654,000        | 21,089,308         |
| 2026/27      | 1 508 640 000      | 1,890,400,000        | 7 145 614 000 | 10,544,654,000        | 21,089,308         |
| 2027/28      | 1 508 640 000      | 1,890,400,000        | 7 145 614 000 | 10,544,654,000        | 21,089,308         |
| 2028/29      | 1 508 640 000      | 1,890,400,000        | 7 145 614 000 | 10,544,654,000        | 21,089,308         |
| 2029/30      | 1 508 640 000      | 1,890,400,000        | 7 145 614 000 | 10,544,654,000        | 21,089,308         |
| 2030/31      | 1 508 640 000      | 1,890,400,000        | 7 145 614 000 | 10,544,654,000        | 21,089,308         |
| <b>TOTAL</b> |                    |                      |               | <b>63,267,924,000</b> | <b>126,535,848</b> |



PROJECT TECHNICAL TEAM FOR  
CONSTRUCTION AND OPERATION

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**2. SHANDONG SINOAME STEEL  
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Procurement)*

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*( Project Management, Engineering, Construction &  
QHSE)*

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*(Etude ET realization).*

**5. SEATEC GROUP**

*(Conformity Assessment).*

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