**Project Proposal.**

**Name of Organization**; Lema Plan International.

# 1.Name of Project and location

A project proposal for school building planning and construction of the Future Star Academy at Imo state, in Nigeria.



# 2.Background and Introduction.

Lema Plan International is an association which was established on 26 September 2018, our headquarter is in Le Locle, Switzerland and our others office are in Lome, Togo and Nigeria.

Our mission is to ensure all children mostly in developing countries have access to quality education. We support them with school materials and offer short training courses such as computer. We protect and defend children. We offer scholarship to vulnerable children. We renovate and constructs schools and children's playgrounds. We promote children rights and ensure that teachers are well trained and equipped in developing countries.

We rely on contribution from members of the association, private donors and the government, our main focus is on giving our children the best education. We believe education is the right for every child.

The Future Star Academy is nursery and primary school with approximately 200 students. Imo state is a deprived rural community in Nigeria, it lacks enough and affordable school for the majority vulnerable population. Future star is private school which was built with the aim of helping students not to walk long distance about 5 kilometers per day to the community school established by the state.

In January 11,2019 our team visited the Future Star Academy at Imo State in Nigeria for charity donation. We donated school materials and offered scholarship to five students of Future Star Academy. We were deeply touched to see students learning at a very poor environment. We all know negative environment adversely affect children's mental state and performance.





# 3. Goal/Objective

Our third priority is to create a healthy lifestyle, by installing a better playground facility. We envision better playground equipment with climbers, slides, connecting walkways and other features that will meet the needs of many students.

# 3.Problems of the Project site

The Future Star Academy is facing the following challenges.

* Inadequate classroom resources, such desks and tables.
* Inadequate classrooms.
* Inadequate toilets.
* Lack of library.

# 4.Expected outcomes of the project.

* Adequate classrooms and classroom resources.
* School offices and staff rooms.
* A library with adequate resources for both students and teachers.
* More toilets and sewage disposal.
* Improved children's playground.
* Over 200 children will be enrolled at the school.
* Future star academy will become a public school for the benefit of the community

# 5.Project beneficiaries.

The direct beneficiaries of this project will be over 400 children of Imo state. They are basically vulnerable group of deprived children including the disabled and the less privileged parents.

More employment opportunities to the Imo state community during and after the project.

# 6.Activities

The project supports to construct two storage building with3 rooms in each floor. The project will be carried out in different steps as mentioned below.

# Action Plan.

* Coordinating with stakeholders
* Survey with an engineer and develop a design to construct
* Recruit skilled manpower and labor
* Training to manpower
* Construction
* Monitoring and Evaluation
* Develop a project report
* Handover to the community
* Follow up

## Step-1 Coordination with stakeholders

Lema plan international Team in Nigeria will be in charge of the project. It will coordinate with the future star academy management committee, local people and Imo state education office. Coordination will be done from the beginning to the end of the project.

## Step-2 Survey with an engineer and develop a plan for the construction

Lema plan International Team in Nigeria will recruit an engineer for the survey and survey of the school building. Cost estimation of the project is attached with the proposal.

## Step-3 Recruit skilled manpower and volunteers

As soon as lema plan international receives grants, we will recruit local youth and skilled manpower through construction employment agencies in Nigeria. Special priority will be given to the trained people of Imo state so as to provide them more employment opportunities.

## Step-4 Orientation training to local youth and skilled workers.

Lema plan international will arrange a day to train all volunteers and skilled workers, both theory and practical course construction training will be provided. The short training course contents will be as follows;

* Volunteerism and volunteer’s role in disaster management
* Team work and communication
* First aid, risk and hazard while working in site
* Job description
* Technical skills-how to use tools

## Step-5 Procure materials

Procurement unit will make a list of material and procure all needed materials from the local market. We will ensure they purchase quality materials at an affordable price. Procured material will be transferred to the site.

## Step-6 Construction.

The construction will immediately begin after delivering materials to project site. Construction will be on several phases as follows;

* Stage 1- Foundation to DPC
* Stage 2- DPC to levelling
* Stage 3- Deckling slab
* Stage 4 Deck to roof
* Stage 5 -Roofing
* Plastering and painting

## Step- 7 Monitoring and Evaluation.

Lema Plan has 10 full time staffs in Nigeria and 5 volunteers, who continuously working for social development. They are well skilled and competent on the implementation of social projects. They will be full responsible for recruitment, supervision, transportation of materials and workers and keeping records of worker’s attendance and performance. An engineer will visit the project site at the completion of each phase.

## Step-9 Prepare and submit the report

As soon as the construction is complete, Lema plan international will develop a report with its output result and submit it to the partner organization within a month.

## Step-10 Follow up and support through Lema plan international development projects.

Lema plan international will continue supporting the future star academy by supplying educational materials and organizing short training courses. Students will be motivated through sports competition club programs. We will provide training programs and teaching materials to teachers. Other health, educational and extracurricular activities will be carried out for the betterment of the students.

7.Output

# Timeline

Tentative timeline of the project

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2019** | | | | **2020-2021** | | |
| **Activities** | **Dec** | **Jan** | **Feb** | **March** | **Jan** | **Feb-Nov** | **Dec** |
| Expected grant Notification |  |  |  |  |  |  |  |
| Communication with stockholders |  |  |  |  |  |  |  |
| Procure the materials |  |  |  |  |  |  |  |
| Recruit manpower |  |  |  |  |  |  |  |
| Training manpower |  |  |  |  |  |  |  |
| Construction |  |  |  |  |  |  |  |
| Monitoring and Evaluation |  |  |  |  |  |  |  |
| Handover to the community |  |  |  |  |  |  |  |
| Report Writing and Submission |  |  |  |  |  |  |  |

# Estimated budget for the project

## Preliminary Costs

|  |  |  |
| --- | --- | --- |
|  | **Nigeria Naira** | **UDS** |
| Clearing of site | 40,000 | 110.574 |
| Temporal shed/storage | 250,000 | 691.085 |
| Provisional sum for security of the work/water/light | 300,000 | 829.302 |
| Transportation of materials to the site | 100,000 | 276.434 |
| Setting out | 200,000 | 55.2868 |
| **Total Cost** | **890,000** | **2,460.26** |

# Stage -1 Foundation to DPC

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit price** | **Amount in Naira** |
| 9’’blocks | 3300 | 160 | 528,000 |
| Cement | 400 | 2500 | 1,000,000 |
| ¾ strips | 6 trips | 140,000 | 840,000 |
| Sharp sand | 8 trips | 25,000 | 200,000 |
| Reinforcement bars- 16mm | 60 length | 4,500 | 270,000 |
| Reinforcement bars- 12mm | 108 length | 2,500 | 262,500 |
| Reinforcement bars- 8mm | 60 length | 1,300 | 78,000 |
| Binding Wires | 2 rolls | 8,000 | 16,000 |
| 1’x12’’x12’’woods | 120 length | 1,200 | 54,000 |
| 3 nails | 1 bag |  | 8,000 |
| Filling sand | 15 trips | 15,000 | 225,000 |
| **Total** | **.** | **.** | **3,481,500** |
| **Amount in USD** | **.** | **.** | **9,624.05** |

## Labour

|  |  |  |  |
| --- | --- | --- | --- |
| Excavation | **.** | **.** | 280,000 |
| Casting | **.** | **.** | 300,000 |
| Block work | **.** | **.** | 280,000 |
| Iron Work | **.** | **.** | 80,000 |
| Carpentry work | **.** | **.** | 70,000 |
| Foundation filling and compacting | **.** | **.** | 150,000 |
| Logistic and Supervision | **.** | **.** | 300,000 |
| **Total** | **.** | **.** | **1,460,000** |
| **Total USD** | **.** | **.** | **4,035.94** |

# Stage-2 DPC to Levelling

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit** | **Amount** |
| 9’’blocks | 7800 | 160 | 1,248,000 |
| Cement | 320 bags | 2500 | 800,000 |
| ¾ strips | 3 trips | 140,000 | 420,000 |
| Sharp sand | 5 trips | 25,000 | 125,000 |
| Reinforcement bars- 16mm | 204 length | 4,500 | 918,000 |
| Reinforcement bars- 12mm | 120 length | 2,500 | 300,000 |
| Reinforcement bars- 8mm | 100 length | 1,300 | 130,000 |
| Binding Wires | 4 rolls | 8,000 | 32,000 |
| 1’x12’’x12’’woods | 270 length | 1,200 | 324,000 |
| 1’x9’’x12’’ woods | 40 length | 750 | 30,000 |
| 2’x2’’x12’’ woods | 50 length | 300 | 15,000 |
| 3’’ nails | 3 bags | 8,000 | 24,000 |
| **Total** | **.** | **.** | **4,366,000** |
| **Amount in USD** | **.** | **.** | **12,069.1** |

## Labour

|  |  |  |  |
| --- | --- | --- | --- |
| Block work | **.** | **.** | 650,000 |
| Concrete work | **.** | **.** | 180,000 |
| Iron Work | **.** | **.** | 150,000 |
| Carpentry work | **.** | **.** | 180,000 |
| Logistic and Supervision | **.** | **.** | 300,000 |
| **Total** | **.** | **.** | **1,460,000** |
| **Total USD** | **.** | **.** | **4,035.94** |

# Stage 3 Decking Slab

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit price** | **Amount in Naira** |
| Cement | 450 bags | 2,500 | 1,125,000 |
| ¾ strips | 7 trips | 140,000 | 980,000 |
| Sharp sand | 8 trips | 25,000 | 200,000 |
| Reinforcement bars- 16mm | 120 length | 4,500 | 540,000 |
| Reinforcement bars- 12mm | 650 length | 2,500 | 1,625,000 |
| Reinforcement bars- 8mm | 100 length | 1,300 | 130,000 |
| Binding Wires | 5 rolls | 8,000 | 40,000 |
| 1’x12’’x12’’woods | 815 length | 1,200 | 975,000 |
| 1’x9’’x12’’ woods | 20 length | 750 | 15,000 |
| 1’x6’’x12’’ woods | 150 length | 600 | 90,000 |
| 2’x2’’x12’’ woods | 320 length | 300 | 62,500 |
| 3’’ and 2’’ nails | 8 bag | 8000 | 64,000 |
| Bamboo | 250 length | 250 | 62,500 |
| **Total** | **.** | **.** | **5,945,500** |
| **Amount in USD** | **.** | **.** | **16,435.4** |

## Labour

|  |  |  |  |
| --- | --- | --- | --- |
| Concrete Casing | **.** | **.** | 400,000 |
| Iron Work | **.** | **.** | 350,000 |
| Carpentry work | **.** | **.** | 400,000 |
| Logistic and Supervision | **.** | **.** | 350,000 |
| **Total** | **.** | **.** | **1,500,000** |
| **Total USD** | **.** | **.** | **4,146.51** |

# Stage -4 Deck to roof beam

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit price** | **Amount in Naira** |
| 9’ block | 7,800 | 160 | 1,248,000 |
| Cement | 320 bags | 2,500 | 800,000 |
| ¾ strips | 3 trips | 140,000 | 420,000 |
| Sharp sand | 5 trips | 25,000 | 125,000 |
| Reinforcement bars- 16mm | 204 length | 4,500 | 918,000 |
| Reinforcement bars- 12mm | 120 length | 2,500 | 300,000 |
| Reinforcement bars- 8mm | 100 length | 1,300 | 130,000 |
| Binding Wires | 4 rolls | 8,000 | 32,000 |
| 1’x12’’x12’’woods | 270 length | 1,200 | 324,000 |
| 1’x9’’x12’’ woods | 40 length | 750 | 30,000 |
| 2’x2’’x12’’ woods | 50 length | 300 | 15,000 |
| 3’ nails | 3 bags | 8000 | 24,000 |
| **Total** | **.** | **.** | **4,366,000** |
| **Amount in USD** | **.** | **.** | **12,069.1** |

## Labour

|  |  |  |  |
| --- | --- | --- | --- |
| Block work | **.** | **.** | 800,000 |
| Concrete work | **.** | **.** | 250,000 |
| Iron Work | **.** | **.** | 200,000 |
| Carpentry work | **.** | **.** | 220,000 |
| Logistic and Supervision | **.** | **.** | 300,000 |
| **Total** | **.** | **.** | **1,770,000** |
| **Total USD** | **.** | **.** | **4,892.88** |

# Stage-9 Roofing

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit price** | **Amount in Naira** |
| 3x4x12 wall plates-Hard | 50 | 120 | 60,000 |
| 2x4x18 rafters-Hard | 250 | 900 | 225,000 |
| 2x4x12 rafter -Hard | 300 | 500 | 150,000 |
| 2x3x12 Purlin-Hard  2x3x12 Noggin-Soft | 350  400 | 350  250 | 122,500  100,000 |
| Wood-Facial board | 40 | 1200 | 48,000 |
| Solighum | 5 cans | 3,000 | 15,000 |
| 0.45mm aluminum footing cover METCOPO | 850 meters |  | 1,785,000 |
| Roofing accessories | . | . | 50,000 |
| Transportation/loading/offloading | . | . | 50,000 |
| **Total** | **.** | **.** | **2,605,500** |
| **Amount in USD** | **.** | **.** | **7,202.49** |

## Labour

|  |  |  |  |
| --- | --- | --- | --- |
| Carpentry work | **.** | **.** | 400,000 |
| Installation | **.** | **.** | 250,000 |
| Logistic and supervision | **.** | **.** | 200,000 |
| **Total** | **.** | **.** | **850,000** |
| **Total USD** | **.** | **.** | **234.969** |

## Plastering

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit price** | **Amount in Naira** |
| Sharp Sand | 10 trips | 25,000 | 250,000 |
| Plastering Mud | 5 trips | 20,000 | 100,000 |
| Cement | 350 bags | 25,000 | 875,000 |
| **Total** | . | . | **1,225,000** |
| **Total USD** | . | . | **3,386.32** |

## Labour-Ground Floor.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Quantity** | **Unit price** | **Amount in Naira** |
| External Walls both floors | 75.5 partitions | 2,500 | 188,750 |
| Staff Room | 10.5 partitions | 2500 | 26,250 |
| Stair Case | 6 partitions | 2,500 | 90,000 |
| Class 1-3 | 25.5 partitions | 2,500 | 63,750 |
| Lobby 1 and 2 | 22.5 partitions | 2,500 | 56,250 |
| Nursery section | 23.25 partitions | 2,500 | 58,125 |
| Crèche | 7.5 partitions | 2,500 | 18,750 |
| Toilets | 15.5 partition | 2,500 | 38,750 |
| Pillars both floors | 7.75 partitions | 2,500 | 19,375 |
| **Total** | **.** | **.** | **5,600,000** |
| **Amount in USD** | **.** | **.** | **15,480.3** |

## Labour- Under the deck

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Quantity** | **Unit price** | **Amount in Naira** |
| Staff Room | 5 partitions | 4500 | 22,500 |
| Stair Case | 2 partitions | 4,500 | 9,000 |
| Class 1-3 | 13.5 partitions | 4,500 | 60,750 |
| Lobby 1 and 2 | 7 partitions | 4,500 | 31,500 |
| Nursery section | 8.25 partitions | 4,500 | 37,125 |
| Crèche | 7.5 partitions | 4,500 | 15,750 |
| Toilettes | 4 partition | 2,500 | 18,000 |
| **Total** | **.** | **.** | **194,625** |
| **Amount in USD** | **.** | **.** | **538.010** |

## Labour-Upper roof

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Quantity** | **Unit price** | **Amount in Naira** |
| Directors Office | 4.5 partitions | 2,500 | 11,250 |
| Reception | 3.75 partitions | 2500 | 9,375 |
| General Office | 8 partitions | 2,500 | 20,000 |
| Stair Case | 6 partitions | 2,500 | 15,000 |
| Class 4-6 | 25.5partitions | 2,500 | 63,750 |
| Lobby 1 and 2 | 22.5 partitions | 2,500 | 56,250 |
| I.C.T | 11.25 partitions | 2,500 | 28,125 |
| Library | 8 partition | 2,500 | 20,000 |
| Toilets | 15.5 partition | 2,500 | 38,750 |
| Logistic and Supervision | . | . | 300,000 |
| **Total** | . | . | **562,500** |
| **Amount in USD** | **.** | **.** | **1,554.94** |

## Painting

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit Price** | **Amount** |
| Emulsion Paint | 521 buckets | 22,000 | 1,142,000 |
| **Total** | **.** | **.** | **1,142,000** |
| **Total USD** | **.** | **.** | **3,156.88** |

## Labour

|  |  |  |  |
| --- | --- | --- | --- |
| **Materials** | **Quantity** | **Unit Price** | **Amount** |
| Internal and External Walls | 302 partitions | . | To be negotiated |
| Under the deck | 45 partition | . | To be negotiated |
| **Total** | **.** | **.** | **To be negotiated** |
| **Total USD** | **.** | **.** | **To be negotiated** |

ESTIMATED TOTAL AMOUNT NEED**;120,000 dollar**

**A Project on school**

**Building of the Future Star Academy**



**Submitted by Lema Plan International**

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