

**RENOVATION OF A DILAPIDATED 4-CLASSROOM STONE BUILDING AT THE  
PRIMARY SCHOOL BONANYANG NGIE, NORTH WEST REGION OF CAMEROON**

*A project of*

**BETTERWAY AFRICA INTERNATIONAL**

*with the financial support of*

**FOUNDATION FOR THE POOR, INC.**

**United States**

**The before pictures**



## I. COMMITMENT

- With the Financial support of **Foundation for the Poor (FTTP) based in the United States, Betterway Africa International (BAI)** is committed to deliver vital assistance to the Bonayang community through the renovation of a dilapidated stone bloc of 4 classrooms, to lay a foundation for the education of its children. Thanks to generous grant of \$8000, implementation of the project wcommenced with site preparatory work in 2021 is expected to be completed by the end of July 2022.
- **The full participation and ownership of the project by the beneficiary community**, which will include the **leveraging of locally available materials such as sand, stones and lumber** will be critical for the effective and timely completion of the project. it was also from the basis for the establishment of off a post project committee responsible for the maintenance of the facilities.
- Given resource constraints, **utmost efficiency is essential for procurement and management of the project** in order to reduce the risk of cost overruns and delays in the renovation work to be completed by March 2022.

## II. INTRODUCTION

Access to education is a key contributor to ending poverty and realizing lasting development. This is however a dream with is almost none-existent for many children of the community of Bonayang in Ngie, due to the dilapidated nature of one of the stone buildings of their primary school, a bloc of four (4) of the seven classrooms of the school. The dilapidated which presented a threat to the physical security of the children and teachers and was not adequate learning environment for the over 100 children of this community of some 700 people. As a result, the schooling was relocated into an uncompleted private building unfit for learning in which the children are cramped, and which does not afford them a conducive learning environment.

This is not acceptable. BAI and the FFTP believe that the right of education for all children must be guaranteed, protected and supported, especially the in the poor areas of the world where they children have little opportunity and choice of access to education, whereas it is the only option through which they can be empowered to uplift themselves, their families and communities out of endemic and generational poverty. This project will contribute the creation of an environment for the emergence of a strong and competitive individuals and citizens who will ready to effectively cope with the challenges of development, and equipped with education to easily and confidently adapt to the rapidly and technological conditions of the country, the region and the global economy in which they will operate. A solid educational foundation at the primary school level will empower children to advance in the path of becoming active contributors to the war against endemic and generational poverty in the village and area.

### III. OVERALL OBJECTIVE (PROJECT GOAL)

The overall objective of this project is to renovate and furnish a dilapidated and crumbling stone building a bloc of 4 classroom of the school Bonayang village, which will offer an opportunity for the children of this community to lay a solid foundation for their education to become productive and transformational citizens. This classrooms in a school in a rural setting where there are limited services for education. will offer education to the poor, disadvantaged village community. The structure of the educational system in Cameroon constitutes two (2) years of pre-primary education, **6 years of primary education**, four (5) years of Junior Secondary (Ordinary Level), two (2) years of Senior Secondary (Advanced Level) and up to three (3) or more years of Tertiary Education. Specifically, the education system has 4 levels, namely: kindergateen, Primary, Secondary and Tertiary Levels. This project will contribute to laying of solid education foundation for about 100 children of this community t the **primary level**, which will is crucial for them to successful attend and complete the next levels of education. It will thus contribute to the uplifting of the community and create a stronger feeling of hope as the children constitute the only hope for a better future for most families and the community.

### IV. SPECIFIC OBJECTIVES (PROJECT PURPOSE)

The specific objectives of this projects are to:

1. **Renovate a dilapidated stone building** which houses 4 of the seven classrooms of the school, to provide about 100 children a conducive learning environment.
2. **To furnish the four classrooms** with desks for the children and the **teachers**, as well as lockers for the kids.
3. **Construct affordable toilet facilities** adapted to the physical environment of the village.
4. Develop inspirational landscaping around the school premises that will serve both educational purposes and contribute to environmental preservation and beautification.
5. Construction of a **portable water point** for the school for dinking, cleaning and care of the premises
6. **Establish a community-lead and based Maintenance Taskforce** to ensure the preservation an repair work for the premise in due course as my be needed.

### V. LEAD IMPLEMENTATION TEAM

**BAI lead** Representative:

- Ms. Constance **Asano Aghenebit**, BAI Project Coordinator

**Beneficiary community of Bonayang, supporting partner (for coordination)**

- Mr. Ben Azah, US Army veteran (retired), community development promoter\Advocate

### **Technical community Team lead**

- **Beneficiary community technical Team lead: Mr. John Engeteou Angwere: retired**

## **VI. RESOURCES NEEDED**

The resources required to make the school project a success include the following:

- **Building materials**
  - **Sand, stones and lumber (to be provided by the community, with technical support from BAI)**
  - **Roofing sheets, cement, paint, etc**
- **General manual labour** (to be provide by the community clearing grass inside the existing dilapidated buildings and in the surroundings, and provision of sand from a nearby river, etc)
- **Expertise:** to be provided by building technicians **locally available.**
- **Transportation of materials from point to purchase to the site:** (hiring of appropriate trucks used for transportation of building materials.)

## **VII. ENVISAGED RESULTS AND IMPACT OF THE PROJECT**

**Result 1: increased interest of the children in schooling** that will ultimately lead to increased employment opportunities among the youth due to acquisition of appropriate skills.

**Result 2. Reduction in illiteracy, ignorance and poverty** of children.

**Result 3: Improved awareness about people's rights**, especially the right to education and the right to a decent and respectable life.

**Result 4: contribute to the general facelifting** of the village that will be a source bride, motivation and hope for a better future.

## **VIII: PORJECT IMPLEMENTATION STEPS**

### **Phase I : Site prepping and cleaning**

**Step 1: General cleaning of project site (leering of bushes and making of path ways**

**Step 2.** Selection of renovation technicians

### **Phase II: Repair of the Roof and woodwork**

**Step 3:** Demolition removal of debris from the dilapidated roof an wood work

**Step 4** Repairing of ceiling ( raft work of roofing corrugated Iron sheets

### **Phase III: Repairing of walls, and floors installation of fixtures:**

**Step 5:** Plastering the inside phase of building walls and floors

**Step 6:** Finishing (putting in fixtures, notable doors, window frames and shutters)

**Phase IV: Painting and Furnishing of the Building**

**Step 7:** Painting of the Classrooms

**Step 8:** Purchase procurement and conveyance of fixtures and furnishings and placement\Installation in classrooms

**Phase V: Construction of the Toilet Facilities and a portable water point**

**Step 9:** design of a portable water point and toilet facilities

**Step 10:** Purchase of materials and transportation to the village

**Step 11:** Construction and painting.

**Phase VI: Educationally-inspired landscaping of the premises**

- **Sourcing of Plants Scrubs and flowers from the environment (hills and forest)**
- **Planting and site beautification**
- **Installing of commemorative plague in honor of the project donors ( FFTP and BAI)**

**Phase VII: Handing over of the building to the community.**

- **Step 12:** Church service to dedicate the renovated building to the Glory of God, following by cutting of the Ribbon ceremony
- **Step 13:** Unveiling of the commemorative plague in honor of the project donors ( FFTP and BAI.)

**IX: BUDGET ESTIMATES**

**PHASE I: SITE PREPPING AND CLEANING INCLUDIDING TRIP TO THE VILLAGE FOR ORGANIZATION OF WORK WITH THE COMMUNITY**

| <b>NO.</b> | <b>ITEM</b>                                | <b>QUANTITY</b> | <b><u>UNIT PRICE</u><br/>FCFA</b>   | <b><u>TOTAL</u></b> |
|------------|--|-----------------|-------------------------------------|---------------------|
| <b>1.</b>  | <b>Transportation and related expenses</b> | <b>one trip</b> | <b>27,000 (pre-paid as lumpsum)</b> | 27, 000             |
| <b>2.</b>  | <b>other expenses in</b>                   |                 | <b>4,200 ( refreshments)</b>        | 4,200               |
| <b>3.</b>  | <b>Communication</b>                       | Phone credit    | <b>Lumpsum</b>                      | <u>15, 000frs</u>   |
| <b>4.</b>  | <b>Grand Total</b>                         |                 |                                     | <u>46,000frs</u>    |
| <b>5.</b>  | <b>Total in US dollars</b>                 |                 |                                     | <b>USD84.</b>       |

**PHASE II: PREPARATION OF LUMBER FOR THE RENOVATION**

| N°  | Description                         | Unit   | Quantity | Unit price (frs) | Amount (frs)      |
|---|-------------------------------------|--------|----------|------------------|-------------------|
| 1   | The engine saw operators advance    | FF     | 01       | 200,000          | 200,000           |
| 2   | Gas engine saw o                    | Liters | 200      | 639              | 127,000           |
| 3   | Engine oil for engine saw operators | Liters | 20       | 2,300            | 46,000            |
| 4   | Transportation                      | FF     | 1        | 1                | 80,000            |
| Grand Total for phase II                      |                                     |        |          |                  | 453,000           |
| <b>Grand Total for phase II in US dollars</b> |                                     |        |          |                  | <b>US\$805,00</b> |

**PHASE III : Demolition dilapidated structures and removal of debris and construction of a new roof)**

| N°   | Work Description                          | unit           | quantity | Unit price (frs) | Amt (frs)        |
|--|---|----------------|----------|------------------|------------------|
|  | <b>Lot 100: Masonry works and roofing</b> |                |          |                  |                  |
| 101  | Cement mortar on floor                    | M <sup>2</sup> | 246      | 2,500            | 615.000          |
| 102  | Cement past on floor                      | M <sup>2</sup> | 246      | 2,500            | 615,000          |
| 103  | Plastering of walls                       | M <sup>2</sup> | 336      | 1,100            | 369.600          |
| 104  | Concerting verandah round building        | M <sup>2</sup> | 30       | 15,000           | 450,000          |
| 105  | Concerting gutters round building         | M <sup>2</sup> | 10.56    | 15,000           | 158,000,         |
| 106  | Reinforce concrete ramps                  | M <sup>2</sup> | 9.6      | 15,000           | 144,000          |
| 107  | Building of stairways                     | M <sup>2</sup> | 1.88     | 25.000           | 47,000           |
| 108  | Masonry fees                              | FF             | 1        | 600,000          | 600,000          |
| 109  | Transportation and other expenses         |                |          | 300,000          | 300,000fr        |
| <b>Sub Totals for lot 100</b>                                |   |                |          |                  | <b>3,299,000</b> |
| <b>Sub total in US dollars</b> ( shortfall from price hikes) |   |                |          |                  | <b>USD 5,839</b> |

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|--|--|----------------|-----|---------|---------------------|
|  | <b>Lot 200:Electification</b>              |                |     |         |                     |
|  |  |                |     |         |                     |
| 201  | Conduit flexible orange pipes              | Roll           | 10  | 8,000   | 80,000              |
| 202  | 1.5mm <sup>2</sup> V .G cable for lighting | Roll           | 18  | 15,000  | 270,000             |
| 203  | Switch cubs                                | N <sup>o</sup> | 4   | 500     | 2,000               |
| 204  | Lamp holder                                | N <sup>o</sup> | 20  | 1,500   | 30,000              |
| 205  | One way Switch                             | N <sup>o</sup> | 4   | 2,000   | 8,000               |
| 206  | Earth rods and its accessories             | N <sup>o</sup> | 1   | 7,500   | 7,500               |
| 207  | Incandescent lamps CTORCH 10w              | N <sup>o</sup> | 20  | 1,500   | 30,000              |
| 208  | 04 fuses main switch                       | N <sup>o</sup> | 1   | 15,000  | 15,000              |
| 209  | Incentives for electrician                 | FF             | 1   | 200,000 | 200,000             |
| <b>Sub Totals lot 200</b>                              |  |                |     |         | <b>642,500</b>      |
| <b>Sub totals for lot 200 in US dollars</b>            |  |                |     |         | <b>\$: 1,137.69</b> |
|  | <b>Lot 300 Painting</b>                    |                |     |         |                     |
| 301  | Printing                                   | M <sup>2</sup> | 336 | 500     | 168,000             |
| 302  | Paint the interior walls with pantex 800   | N <sup>o</sup> | 5   | 75,000  | 375,000             |
| 303  | Incentives for Painters                    | FF             | 1   | 200,000 | 200,000             |
| <b>Sub Totals lot 300</b>                              |  |                |     |         | <b>743,000</b>      |
| <b>Sub Total for lot 300 in US dollars</b>             |  |                |     |         | <b>\$1,315.44</b>   |
|  | <b>Lot 400: Transport</b>                  |                |     |         |                     |
| 401  | Transportation of materials                | FF             | 1   | 198,000 | 198,500             |
| <b>Sub Totals 400</b>                                  |  |                |     |         | <b>18,500</b>       |
|  | Unforeseen  contingency                    | FF             | 1   | 4%      | 189,720             |
| <b>Grand Total for Phases II and III</b>               |  |                |     |         | <b>4,772,720</b>    |
| <b>Grand Total for Phases II and III in US Dollars</b> |  |                |     |         | <b>\$9, 750.00</b>  |

**PHASE IV: PAINTING AND FURNISHING OF THE FOUR CLASSROOMS**

| NO. | ITEM   | QUANTITY   | UNIT PRICE<br>FCFA | TOTAL        |
|-----|--|------------|--------------------|--------------|
|     | <b>LOT 500: PAINTING</b>   |            |                    |              |
| 501 | Primer Paint   | 40 tins    | 25,000frs          | 500,000      |
| 502 | Transportation   | 1          | 90,000             | 90,000       |
| 503 | Labour\painter   | lumpsum    | 400,000            | 400,000      |
| 504 | Production of 30 school desks with attached seats for each classroom | 25,000frs  | 120                | 3,000,000    |
| 505 | 4 sets of a desk and a chairs for the teacher                        | 100,000frs | 4                  | 400,000      |
| 506 | 4 sets of 3 meter-long storage cabinet for each classroom            | 300,000frs | 4                  | 1,200,000    |
| 507 | Transporation to the village   | 90,000     | 4                  | 360,000      |
| 507 | Grand Total  | -          | -                  | 5,000,360.00 |
|     | <b>Grand total in US\$</b>   |            |                    | 9,486.74.00  |

**PHASE V: CONSTRUCTION OF THE TOILET FACILITIES AND A PORTABLE WATER POINT**

| NO. | ITEM   | QUANTITY               | UNIT PRICE<br>FCFA | TOTAL      |
|-----|--|------------------------|--------------------|------------|
|     | <b>LOT 600: design of Portable water point</b>           |                        |                    |            |
| 601 | Design   | Engineering desgn fees | 200, 000           | 200,000    |
| 602 | Site preparation and digging of trenches for water pipes | 100,000frs             | 100,000frs         | 100,000frs |
| 603 | <b>LOT 600: Materials</b>                                |                        |                    |            |
| 604 | Cement for blocs and concreting                          | 20 bags                | 5700               | 114,000    |
| 605 | Lumber   | 20 pieces              | 2000               | 200,000    |
| 606 | Concrete a   | 3 loads                | 90,000             | 180,000    |
| 607 | Nails and fasteners                                      | 10 packts              | 2500               | 25,000     |
| 608 | Iron doors with fixtures                                 | 3                      | 10,000             | 30,000     |
| 609 | Water Pipes with tap heads                               | 3                      | 10,500             | 32,500     |
| 610 | Construction and painting (labour                        |                        | 250,000frs         | 250,000frs |
| 611 | Transportation   | 1 trip                 | 90,000             | 90,000     |



|  |  |         |           |  |
|--|--|---------|-----------|--|
| 612  | <b>Grand Total</b><br><b>Grand total in US dollars</b> | -       | -         | <b>889,000FRS</b><br><b>US\$1,574.00</b> |
| <b>Lot 700: Construction of toilet facilities (3 toilet rooms)</b> |  |         |           |  |
| <b>Materials</b>   |  |         |           |  |
| 701  | Cement   | 30 bags | 5700      | 171,000                                  |
| 702  | Lumber   | 20      | 2000      | 40,000                                   |
| 703  | Concrete   | 4 loads | 90,000    | 360,000                                  |
| 704  | Steel rods   | 12      | 5000      | 60,000                                   |
| 705  | Iron doors   | 3       | 25,000frs | 75,000                                   |
| 706  | Paint  | 3       | 30,000    | 90,000                                   |
| 707  | Rooffing sheets  | 12      | 5000      | 60,000                                   |
| 708  | Transporttion of Materials                             | 1       | 90,000    | 90,000                                   |
| 709  | Labour ( construction and sinking of septic hole)      | lunpsum | 300,000   | 30,000                                   |
|  | <b>Grand total</b><br><b>Grand total in US dollars</b> | -       | =         | <b>976,000</b><br><b>US\$ 1,728.00</b>   |

#### **PHASE VI: EDUCATIONALLY INSPIRED LANDSCAPING OF THE PREMISES**

| NO.            | ITEM   | QUANTITY | UNIT PRICE<br>FCFA | TOTALS IN<br>FCFA                      |
|----------------|--|----------|--------------------|--|
| <b>LOT 800</b> |  |          |                    |  |
| 801            | schrubs and flowers                            | 100      | 2,500              | 250,000                                |
| 802            | Local grass for playgrounds                    | 50 m3    | 5000               | 250,000                                |
| 803            | Planting suppies                               | lunpsum  | 100,000            | 100,000                                |
| 804            | Labour   | lunpsum  | 150,000            | 150,000                                |
|                | <b>GRAND TOTAL</b><br><b>GRAND TOTAL IN US</b> | -        | -                  | <b>750,000</b><br><b>US\$1, 327.00</b> |

#### **PHASE VII: DEDICATION AND HANDING OVER OF THE RENOVATED BUILDING TO THE COMMUNITY**

| NO. | ITEM   | QUANTITY | UNIT PRICE<br>FCFA | TOTAL   |
|-----|--|----------|--------------------|---------|
| 1   | Production of the dedication event banner                            | 1        | 80,000             | 80,000  |
| 2   | Electronic Design and sending on invitations                         | 500      | 50,000 lumpsum     | 50,000  |
| 3   | Rental of electronic equipment to show pre-recorded statement of the |          | Lunpsum            | 250,000 |

|          |  |                    |            |                     |
|----------|--|--------------------|------------|---------------------|
|          | Presidents of FFTP and BAI,<br>and for video recording of<br>event |                    |            |                     |
| <b>4</b> | <b>REFRESGMENTS</b>  | <b>1000 people</b> | <b>500</b> | <b>500,000</b>      |
|          | <b>GRAND TOTAL</b>   |                    |            | <b>1,557,522</b>    |
|          | <b>GRAND TOTAL IN US\$</b>   |                    |            | <b>US\$2,757,00</b> |
|          |  |                    |            |                     |
|          |  |                    |            |                     |

**PICTURES PROGRESS ACHIEVED AS OF 1 JULY 2022**

**CONSTRUCTION OF THE ROOF BEAM COMPLETED**

**Roof beam along the full length of wall complete and ready for roofing.**







**Construction of Roof reinforced concrete beam**





