

BETTERWAY AFRICA INTERNATIONAL (BAI)

**RENOVATION OF A FOUR-CLASSROOM STONE BUILDING AT PRIMARY
SCHOOL BONANYANG NGIE**

A project of

BETTERWAY AFRICA INTERNATIONAL

with the financial support of foundation of

Foundation for the Poor, INC (United States)

With local facilitation by

BONAZAH COMMUNITY DEVELOPMENT

PHASE TWO: CARPENTRY AND MASONRY WORKS

PROGRESS REPORT

(As of 23 April 2023)

INTRODUCTION:

Thanks to a generous grant of USD5,516 from Foundation for the Poor, Inc, based in Pennsylvania in the United States, implementation of Phase Two of the renovation of the historic four-classroom stone building of the Primary School in Bonayang in on-going.

This short progress report presents the status of implementation of the current phase of the project. A full report of implementation will be submitted once the full amount of the grant has been expended, and accounts of budget estimates and actual expenditures backed by receipt have been reconciled.

It would be recalled that **Phase I consisted of demolishing the old, dilapidated roof of the four-classroom historic stone building and construction of a new roof.**

The implementation steps of Phase Two of the renovation consist of masonry and carpentry (woodwork). Below is the status of work on each step of implementation:

1. MASONRY WORKS (WINDOW AND DOOR FRAMES AND SHUTTERS):

- a) Technical evaluation of the structural integrity of the stone wall and necessary strengthening to pave the way for demolition of dilapidated windows:
Status: 80 percent completed

- b) Technical assessment of opening of the missing 2 doorways as the 4-classroom building had only 2 doors. Two more doorways need to be opened up, to make it a total of 4 doors, being one door for each classroom.
Status: 100% completed

- c) Technical assessment and strengthening\repairs of foundation where needed. (Filling of stressed points with reinforced cement mix.
70 % completed

- d) Construction and finishing of the floors concrete and cement finishing)
10 % completed.

- e) 10 cubic yards of sand
Status: 100% complete

- f) 20 bags of cement
Status: 100% complete (available in stores, will be purchase on the day of transportation to the site for immediate use, to avoid potential hardening)

- g) 5 cubic yards of gravel:
Status: 50% complete: it is estimated that the available quantity will be enough. Any additional quantity needed can be easily procured from a nearby village where it is available.

2. **CARPENTRY WORK:**

- a) Demolition of the delapidated 16 windows of the building
Status: 10% complete: Note: completion is scheduled to coincide with the treatment of areas of weakness in the stone walls, for technical reasons.

- b) Fabrication of frames and panels for 16 windows in nearest city Bamenda which is some 25 miles away and transportation to the village:
Status: Construction 100% complete, transportation to the village on 26 April

- c) Fabrication of 5 door 36 frames and shutters in nearest city (Bamenda which is some 25 miles away) and transportation to the village.
Status: Construction 100% complete, transportation to the village on 26 April.

CHALLENGES:

Implementation of phase two is slightly delayed due to the following key reasons:

1. **Delays in engagement by the community after the 2022 end of year, and the 2023 new year observances:** The end of year, and beginning of new year is periods which disrupts normal functioning of the community and some members travel away to be with family and others come home As such the return to normalcy in the village was delayed, with ripple delays on tasks which the community was expected to complete, to pave the way for kick-starting phase two of the work. The delays included:
 - clean-up of the project site
 - molding of stabilized mud bricks for partitioning of the building into four classrooms, and an office, being a total of 5 rooms.
 - Preparation of timber to be finished for use as lumber in woodwork
 - Collection of sand from nearby waters and conveyance to the building site

The community has, however, since resumed work, and no further issues are expected.

2. **Limited availability of technicians and bulders:** For cost effectiveness and to ensure community ownership, the use of technicians from the community is preferred. They are very limited in number and are combining work on this project with other jobs within the community. This often results in delays of up to two weeks at a time.

3. **Need for due diligence in approving payments and disbursements.**
To ensure optimal use of the grant from the FFtP, great care is being taken to cross-check prices, scrutinize requisitions submitted, and to ensure safe transfer of funds to the desired recipient(s). This often results in delays of several days but is a better situation than facing losses that could result from less vigilant handling of funds.

We anticipate that the total amount of the grant will be expended by 15 May, at which time a full implementation report will be submitted.

We are grateful for the hard work of our ground team, volunteers and the local authorities for their support, and to the FFtP for its vital support without which the project would not be possible.

EXPENDITURE TABLE*(As 23 April 2023)*

WINDOW FRAMES				
	Item	Quantity	Unit Price (CFA)	Total cost in FCFA
1.	2x6 wood for frames	33	3,000	99,000
2.	Machine use for shaping and finishing of wood	Lumpsum	40,000	40,000
3.	Nail	3 packs	4,000	12,000
4.	hinges	32 pieces	600	19,200
5.	Screw nails	6 packs	1000	6000
6.	bolts	32 pieces	600	19,200
7.	Panel shutters	49 pieces	17,000	833,000
8.	Labour for fabrication of frames and shutters			171,600
	GRAND TOTAL			FCFA: 1,199,800 US\$: 2,000.00
MASONRY WORKS ON STONE WALLS, WINDOWS AND DOORS				
	Item	Quantity	Unit price (Fcf)	Total
1.	15 bags of cement	15	6500	95,000
2.	Transportation of the 15 bags of cement	15	3000	45,000
3.	Repairs of Stone wall	lumpsum	100,000	100,000
4.	Labor for Fitting of windows and walls	lumpsum	100,000	100,000
5.	Transporter of 3 builders to the project site	2	30,000	60,000
6.	Overheads\ Miscellaneous	lumpsum	lumpsum	50,000frs
7.	GRAND TOTAL			FCFA: 450,000 USD: 750.00

PICTURES OF SOME MATERIAL



Sand at the construction site



Frames for 16 window and 2 doors, to be assembled at the site of project



Panels for 16 windows and 5 doors



Panels for windows, cont'd

END