

THE BAYNARDS ZAMBIA TRUST

Report to the British & Foreign School Society

Chinonya School Classroom Block

Thank you and Summary

BZT Trustees are most grateful to the Trustees of BFSS for the grant of £25,000 towards the cost of a new classroom block at Chinonya School. The classroom block is complete and as a result the school is now a Government funded Primary School with pupil numbers rising from 180 to 310 and a trained teacher in post. A story of success. Thank you.

Background

BZT is a UK charity raising funds in the UK to support activities in Zambia to help very isolated communities to become self sufficient. BZT works through a Zambian partner and works in conjunction with local communities. BZT's approach is holistic embracing improving access to education, increasing sustainable incomes and HIV and AIDS awareness raising and treatment. BZT works in the southern part of Mkushi District in the Central Province of Zambia in the direction of the escarpment which is a barrier to communications and increases the isolation of the communities living there. They lack any meaningful infrastructure. Education facilities are very inadequate with typically community schools with no Government funding and no trained teachers.

This was the case at Chinonya School which was such a community school. The previous building was in a very run down state with a classroom made of mud and wattle and children sitting on bricks and writing on the dirt floor. There were two untrained teachers for 180 pupils. Many children in the area were not attending school.

The Project

The objective, as BZT had achieved elsewhere (Chibanga School and Katula School) in Mkushi District, was to transform the educational prospects of children in the Chinonya community by investing in the school infrastructure. To do so would, with prior agreement, lead to the Government recognizing Chinonya as a State Primary School and thereby providing trained teachers and educational materials.

The initial approach was the engagement with the local community. BZT and BZT's local partner had many meetings with the community leaders. They were enthusiastic for the concept of a school fit for their children and also as a centre for their area of which they could be proud. They agreed that they would themselves manufacture the 65,000 bricks required for a classroom block and also procure the sand and crushed stones required for the foundations and for making the concrete base. This communal contribution is a standard requirement for all BZT funded projects as a demonstration of the local people's commitment to and ownership of the new buildings.

Once it was clear that the community were honoring their commitment to supply materials the first step was to install a water supply adjacent to the school site; the previous supply was some 2km distance from the school. A new bore hole and pump was completed during 2012 funded from BZT's own resources. The water being required both permanently for the pupils needs but also in the short term for the building works.

With the agreement of BFSS to fund £25,000 of the cost BZT was able to plan the building of a new classroom block. The design, in line the Department of Education QS requirements, incorporates three classrooms and a headmaster's office, making a total of 3,000 square feet.

BZT had written commitment from the D of E agreeing to Chinonya becoming a Government funded Primary School.

With the local materials available and the purchase of cement the concrete base was laid by October and photographs of that progress was sent to BFSS at that time.

In spite of the rainy season building work continued for the main structure and was completed in April 2013. Photographs of the new classroom block were sent to BFSS at that time.

Patricia Napier, Chairman of the BZT Trustees, attended the official opening in April which was formally opened by the Principal Standards Officer of the Provincial Education Department in Kabwe. It was a great community occasion including children providing a drama between two sets of parents of the value of education, one who believed in sending their children to school whilst the other sent their offspring to look after the cattle.

In the meantime the community had commenced preparing the local materials for a teacher's house and building work commenced in April and was completed in August 2013 when Patricia Napier formally opened the house.

With the water supply, the new classroom block and the new teacher's house the project was completed.

Oversight

When this project commenced, BZT's Zambian delivery partner was Hodi, a Lusaka based Zambian charity which managed a series of projects with different international funders across Zambia. As already reported to BFSS, all organisations have a natural life cycle and driven by management changes and a number of these projects coming to a natural end, the Trustees of Hodi decided towards the end of 2012 to close Hodi. This took place in a very orderly manner. BZT has been fortunate in having a first class manager, Brandy Mungaila, running the programme with his staff in South Mkushi. BZT was able to effect a spin off of this team out of Hodi into a newly formed Zambian charity, known as the Zambian Rainbow Development Foundation or ZRDF. ZRDF was quickly up and running with no interruption to the work in the field and in particular no impact on the Chinonya project.

As explained above, BZT was intimately involved over 2010/12, with Hodi in the discussions with the community in the formulation of this classroom project and has visited the construction work in August 2012 and April 2013. Once work commenced on site Brandy Mungaila and his team was in constant attendance ensuring the materials they had procured were on site and being utilized as planned. The builder proved to be excellent and indeed is about to be appointed to another school project to be funded by BZT.

The District Building officer was conscientious in his regular supervision of the construction, spending three days and nights there during one crucial stage. He signed off the completed building as being to specification and fit for purpose.

Financials

BZT's funding application to BFSS reported the budgeted cost was Zambian Kwacha 220,008,000.00. Since the project commenced the Zambian currency has been rebased and the budget cost was recalculated as Kwacha 220,008.00 equivalent on either basis at the average exchange rate over the last twelve months of £= Kwacha 8.2 to £26,830. To this BZT added, from experience a 10 % contingency to a rounded total of £30,000. The outturn for the cost of the classroom block was Kwacha 230,216.00 (see the Appendix for details). This translates into £28,075. BZT has funded from general donors the difference between the grant from BFSS of £25,000 and this final cost of £28,075. In addition BZT has funded the Kwacha 30,000 cost (£3,659) of three VIP toilets also recently built at the school.

Outcome

The classroom block was first used in the second term of the academic year in May 2013 (April being a holiday month). The old school records show pupil numbers, before there was any expectation of a new school, were **180** in 2010 and 2011. With talk of the new classroom block they rose to 199 in 2012. Once in use in May 2013 there were **310** pupils attending the school. The same number is in attendance this September. **This increase of 130 children reflects children who were not previously attending school at all.**

With the completion of the teacher's house the Government met their commitment and has designated Chinonya School as a State Primary School. They have fulfilled their obligation and a trained teacher, a Mr. Stainery Siloka, arrived at Chinonya on September 4th in time for the new term and took up residence in the new house.

As Patricia Napier wrote in April:

“I have to say I was completely overwhelmed when I saw the classroom for the first time in its completed state, even a hard old Zambian hand like me! I think this was because the community is small and they have been so committed right from the start”.

THANK YOU TO BFSS

APPENDIX

CHINONYA 1x3 CRB COSTS INCURRED

ZMK

1 FOUNDATION WORK	
2 Anti Termite Litres	2,240.00
3 Polythen Sheet Rolls	160.00
4 Cement for foundation blinding Bags	1,050.00
5 Cement for foundation footing Bags	3,500.00
6 Conforce wire 257 Rolls	4,500.00
7 Brick force wire 8" Rolls	500.00
8 200x25mm timber for shattering Pieces per metres	6,500.00
9 50x50 timber for shattering Pieces per metres	4,500.00
10 Steel nails 4" Boxes	120.00
11 Wire nails 4" Kg	180.00
12 Wire nails 3" Kg	120.00
13 Cement for block work Bags	1,400.00
14 Cement for plastering plinth Bags	448.00
15 Black bituminus 2x5litres	120.00
16 Cement for slab Bags	11,200.00
SUB TOTAL	36,538.00

CONCRETE WORK

17 Cement for concrete works Bags	4,200.00
18 R6 Bars for rings 6m	2,100.00
19 Y10 Deformed bars 12m	2,400.00
20 Y12 Deformed bars 12m	360.00
21 Tying wire (soft wire) Kg	750.00
22 52x25mm timber for shattering Pieces	2,600.00
23 50v50mm timber for shattering Pieces	900.00
Steel nails 4" Box	225.00
25 4" Wire nails Kg	120.00
26 3" Wire nails Kg	240.00
27 8" Brick force wire Rolls	750.00
28 DPC Rolls	900.00
SUB TOTAL	15,545.00

ROOF

29 IT4 Sheets x 6m x 0-5mm	26,460.00
30 IT4 Ridges	1,360.00
31 J Hooks	1,800.00
32 ST/250/16X10.3M	28,800.00
33 254X146X31KG/M Steel frame	6,400.00
SUB TOTAL	64,820.00

CAPENTRY AND JOINERY

34 825 x 1960mm hand wood door	5,950.00
35 38 x 32mm soft wood beams	270.00
36 25 x 12mm Hard wood notice board and chalk board framing	1,500.00
37 25 x 25mm chalk rail	500.00
38 18mm thick black board sheets	1,680.00
39 3 Lever mortise lock	840.00
SUB TOTAL	10,740.00

METAL WORKS

40 Window frames IRC 6H/12F 6H	15,750.00
41 Window frames 900 x 1200mm	1,680.00
42 Window handles	378.00
43 Peg stays	460.00
900 X 2000mm door frame	3,150.00
SUB TOTAL	21,418.00

FINISHING

45 Cement for plastering Bags	6,650.00
46 Cement for floor Bags	6,650.00
47 Cement for reviews Bags	2,800.00
SUB TOTAL	16,100.00

GLAZING

48 4mm clear glass panes	10,080.00
50 4mm clear glass panes	315.00
51 Window patty	1,200.00
SUB TOTAL	11,595.00

PAINTING

52 Under coat paint	2,560.00
53 Cream PVA	5,200.00
54 Gloss pains	2,700.00
55 Thinners	3,000.00
SUB TOTAL	13,460.00

CONTRACTOR

56 Labor	30,000.00
57 Transport Cost	10,000.00
Sub Total	40,000.00
Grand Total	230,216.00