



Final report to Fondation Eagle

Construction of 3 classrooms at AIC Technical Training Institute,

Naivasha, Kenya

Fondation Eagle Reference: FF 490-11

Name of Charity: Footsteps International (UK registered charity number 1091026)

Introduction

On 14th June 2019, Fondation Eagle awarded a grant of £18,584 to Footsteps International for the construction of three new classrooms at the AIC Naivasha Technical Training Institute, Naivasha, Kenya.

During a strategic review, the Institute's board of management had identified the need for the classrooms to offer a diverse, modernised curriculum of courses to meet the needs of Kenya's developing economy. Existing facilities were cramped, noisy and not fit for purpose.

Fondation Eagle awarded the grant of £18,584 on 14 June 2019, and the funds were received by Footsteps International on 2 July 2019.

Construction of the three classrooms commenced in late July and was completed in the first week of September 2019. The facility was in use in September 2019.

The project:

Footsteps International received the grant for Fondation Eagle on 2nd July, 2019, and transferred the funds in two instalments to AIC Naivasha Technical Training Institute.

The following works were undertaken; each classroom was 8.5 x 10 metres in size, and located adjacent to the quiet administrative building at NTTI:

- a. Concrete foundations
- b. Concrete floors laid on compacted murrum and hardcore.
- c. Walls built of local stone, pointed on the outside but not plastered
- d. Steel reinforced lintel
- e. Roof - mabati (corrugated sheet steel)
- f. Steel doors in each classroom fitted with security bolts (fabricated by the NTTI in-house team)
- g. Steel windows with security bars (fabricated by the NTTI in-house team).
- h. Walls plastered internally, with provision of blackboard in each
- i. Electric wiring and lighting
- j. Veranda canopy

- k. Gutters were fitted to harvest rainwater from the roof.

Construction of the block of three classrooms commenced in late July and was completed in the first week of Sept 2019, with the classrooms being put into use in September.

Challenges and achievements:

The construction project took 1½ months from start to finish and progress was very smooth. All the required material and a manpower was available, and the work was carried out by an experienced builder who has constructed several buildings at the Institute in the past.

The only task that remains to be completed is painting of the interior walls, which will be carried out in the Christmas holidays after the plaster has dried out fully.

Project beneficiaries:

The classrooms block has given the institution a new look and a modern face. Learners and trainers are very proud and eager to use the classrooms.



Footsteps International trustees Martin and Mary Print visited the project on 9th October and were given a guided tour of the new classrooms by NTTI director Rev Simon Kinyanjui Chege, during which they talked to several of the students and staff who had already started to use the facility.

All expressed their appreciation for the new, clean, quiet working environment, and a letter of appreciation from one of the students is attached (page 6).



Footsteps International trustee Mary Print admires the new classroom block



Students were very happy to be learning in the new facility

Expenditure summary:

Our original estimate in March 2019 was based on an exchange rate of GBP 1 = 130 KShs. The actual exchange rate at the time the funds were transferred to the project was GBP 1 = 127.7 KShs. The details are shown in the table below:

	Date	Amount (GBP)	Exchange rate (GBP 1 = KShs)	Amount (KShs)
Original estimate and grant received	March 2019	18,584	130	2,415,914
1st instalment	8 July 2019	15,800	127.7	2,017,660
2nd instalment	10 Sept 2019	2,784	127.7	353,707
Total funds sent		18,584		2,371,367

Because of the adverse exchange rate, the total amount available was 44,547 KShs less than the estimate, but, despite this, the project was delivered slightly under-budget.

The table below shows the actual construction expenses, indicating where there were under- and over-spends:

AIC NAIVASHA TECHNICAL TRAINING INSTITUTE								
3 CLASSROOM CONSTRUCTION EXPENSES REPORT								
MATERIALS	QUANTITY	UNITS	BUDGET		ACTUAL		VARIANCE	
			Kshs	GBP at 130	Kshs	GBP at 130	Kshs	GBP at 130
Stones 9x9	22	Loads	242,000	1,862	151,130	1,163	90,870	699
Hardcore	15	Loads	60,000	462	55,500	427	4,500	35
Sand	26	Loads	208,000	1,600	214,000	1,646	(6,000)	(46)
Cement	500	Bags	315,000	2,423	338,300	2,602	(23,300)	(179)
Murrum	11	Loads	44,000	338	28,950	223	15,050	116
Ballast	14	Loads	98,000	754	42,000	323	56,000	431
Steel Doors	3	Pcs	24,000	185	25,500	196	(1,500)	(12)
Steel Windows	9	Pcs	54,000	415	40,500	312	13,500	104
Steel Doors	9	Pcs	36,000	277	31,600	243	4,400	34
Steel Bars D - 8	30	Lengths	13,500	104	19,920	153	(6,420)	(49)
Steel Bars D - 12	28	Lengths	28,000	215	40,050	308	(12,050)	(93)
Binding Wire	24	Kgs	3,600	28	4,200	32	(600)	(5)
Timber 6 x 1	1200	Ft	48,000	369	45,280	348	2,720	21
Timber 3 x 2	1260	Ft	56,700	436	44,730	344	11,970	92
Timber 4 x 2	900	Ft	148,500	1,142	109,485	842	39,015	300
Timber 8 x 1	300	Ft	45,000	346	26,945	207	18,055	139
Iron Sheets 3.0	168	Pcs	151,200	1,163	146,530	1,127	4,670	36
Iron Sheets 2.0	42	Pcs	29,400	226	24,150	186	5,250	40
Paint 20 ltrs Silk	6	Gallons	60,000	462	29,000	223	31,000	238
Paint 20 ltrs	6	Gallons	27,000	208	10,000	77	17,000	131
Electricity			78,000	600	93,200	717	(15,200)	(117)
Labour			530,970	4,084	596,090	4,585	(65,120)	(501)
Contingencies			115,044	885	114,510	881	534	4
Total Amount Budget			2,415,914	18,584	2,231,570	17,166		-
Total Amount Received			2,371,367	18,241	2,231,570	17,166	139,797	1,075

By careful project management, we were able to complete the construction of the three classrooms below the estimate, and NTTI has a balance of 139,797 KShs remaining (GBP 1,075 at GBP 1 = 130 KShs).

The NTTI management board humbly requests Fondation Eagle to allow them to allocate the balances to a pressing need at the Institution. Of course, if this is not possible, the funds will be returned.

Project Results:

The classrooms are already in use, and each one can hold 30 students each lesson. A revised timetable will be adopted in January 2020, with common units for the different courses being combined. In total, the three classrooms can now train 90 students at the same time.

The completed classrooms can now:-

- Facilitate the introduction of new business courses;
- Enhance enrolment of existing business courses
- Provide rooms for teaching and learning theory lessons;
- Provide rooms that learners can use for personal study
- Facilitate improved exam performance

The table below shows the pre-project situation and the post-project impact.

	Pre Project Situation	Post Project Impact
1	NTTI did not have enough space for theory learning and teaching lessons.	NTTI now has adequate and spacious lecture rooms. The rooms will be used in rotation for all courses, and NTTI now has adequate space to combine students from different courses who are learning common units.
2	NTTI only had partitioned engineering workshops to run business courses. These were poorly ventilated and did not meet Ministry of Education standards. Because of this, there was a reluctance to advertise the business courses.	NTTI now has modern, clean classrooms for the business courses, which meet Ministry of Education standards and have created confidence to advertise and recruit students for the business courses. We anticipate numbers of students will rise as a result.
3	The institution did not have the capacity to run effective learning and training at advanced technical levels (Craft and Artisan courses) which require significant amounts of theory teaching.	We now have the capacity to enrol 75 extra students by moving to three student intakes ie. January, May and September with the 1st intake in January 2020.
4	Theory lessons were held in noisy workshops	The students learn in clean, modern, spacious training rooms located away from the noise of the workshops.
5	Students lacked personal study rooms as the workshops had to be closed in the evening. This had an adverse effect on their exam results)	Students now have spacious and modern personal study rooms that are open in the evenings for students to use. We anticipate that this will help improve exam performance.
6	The institution lacked space to host external training programs to generate income.	We have already been able to host students taking part in the Kenya Youth Empowerment Opportunity Program (KYEOP) for 10 days from 7 th to 18 th of Oct 2019, which has generated income for NTTI. We hope to be able to repeat this in subsequent waves of KYEOP.

Conclusion:

Thanks to the generosity of Fondation Eagle, the project objective has been achieved. The new classrooms are already in use, providing room for study and for expansion of the courses and increased numbers of students from January 2020 onwards.

Theory lessons can now be taught and learned in a quiet environment away from the noisy workshops. The institution has had a facelift, with the classrooms giving modern look to the Institute. This means that the business courses can be advertised with the confidence that there is adequate space for teaching and learning.

NTTI can now host external learning and training programs, which was not possible before. The students are very proud of the new buildings – a letter of appreciation from one of the students is copied below:

AIC NAIKASHA TECHNICAL
TRAINING INSTITUTE
PO BOX 384
NAIKASHA

24 OCTOBER 2019

Dear, sir / madam

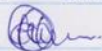
Re: APPRECIATION FOR FUNDING OF NEW CLASSES

I am writing you to express my personal appreciation for your recent gift of funding of new classes. As some people make choices that change lives, thank you for being one of them. We are grateful for your generosity, your trust and most importantly your commitment in funding of those new classes.

Due to this donation, the institution will increase the number of students admitted in our institution and also increase the level of education program to a higher standard of education.

On behalf of AIC NAIKASHA TECHNICAL TRAINING INSTITUTE scholars, I would like to thank you for your good heart of giving. Again thank you for your support.

Yours sincerely



Edith Kangira
Deputy President

NTTI Director, Rev Simon Kinyanjui Chege, writes:

The management and trainers are very appreciative of the gesture of the new classroom block. Trainers and teachers now have spacious and quite teaching environment. Students

on the other hand take pride in using the new classrooms. It is our hope and prayer that better enrolment will be realized and teaching and learning outcomes will greatly improve.

May God bless those who made this project a success. They don't know us, but God directed them to help this institution.

Below are photos of learners undertaking a lesson in one of the classrooms and the building as it stands today.



We were able to save on the construction with the amount indicated in the post budget sheet with remarks as shown. It is our humble request that we be allowed to spend the remaining amount on a need that the management board would find very pressing.

The entire team at Footsteps International wishes to thank Fondation Eagle for their most generous support, and for helping make such a positive improvement to NTTI.

Signature: Date: 20 November 2019

Martin Print, Co-founder, Footsteps International