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Herisau, 30. November 2025

**Schoolyard for sports activities in Gentiana Schools, Kawangware/Nairobi, Kenya:  
Final report**

Dear Madams, dear Sirs

We are pleased to provide you with the final report on the school playground project. We are very happy to have been able to make the new facilities available to the pupils in October 2025. Both playgrounds are extremely popular. They are an extremely valuable addition to school life and enhance the attractiveness of the school. We would like to express our sincere thanks for your generous support. Without it, this would not have been possible. Many thanks

On behalf of the board of the Swiss Association Gentiana Schools Nairobi and the Gentiana Development Network Nairobi

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## **Fondation Eagle**

### **Final Report**

**Interim or Final report:** Final Report

**Donor name:** **Fondation Eagle**

**Fondation Eagle reference:** FF

**Name of Charity:** The Swiss association Gentiana Schools Nairobi

**Introduction:** Establishment of a sports and recreation area within the Gentiana school premises in order to enable sports activities for the Gentiana students which is part of the syllabus and important for the physical and mental health and wellbeing of the children and adolescents and contributes to an enabling learning environment.

**Date of grant accepted:** 10<sup>th</sup> April 2025

**Amount:** CHF 16'501

**Conversion rate, date & amount in local currency:** KSH: 2'640'155 (exchange rate 1:160, June 1)

**Name and exact location of the project:** Remodelling of the Gentiana schoolyard to enable sport activities / Location of the Gentiana Schools : Kawangware, a settlement in the outskirts of Nairobi / Kenya

**Period of Project:** April – Nov 2025

**Project beneficiaries:** All students of the Gentiana Schools in Nairobi are directly benefitting from the renovation of the school pitch. The schools include the Gentiana Primary School, the Gentiana Junior Secondary School and the Gentiana Technical College. They have altogether a population of 474 learners and 32 employees. In addition, also at least 100 children/adolescents who are living near the school would also profit since they often come to play on the pitch after school. And finally, also the direct neighbours would benefit because the new fence would protect against too far and high-flying soccer balls.

**Details of the project** (reported by Job Barasa Wanyala, CEO GDN Nairobi)

#### **Overview of the implementation of the project:**

After a phase of detailed planning and preparatory work, the construction of a sports and recreation area within the Gentiana school premises started on 5<sup>th</sup> August 2025 after the closure of the schools for 2<sup>nd</sup> term holiday and could be implemented in time by November 2025. The project entailed the renovation of a football pitch whose size is 39.5m by 31.5M (1245M<sup>2</sup>), the construction of a basketball court whose size is 23M by 13M (299M<sup>2</sup>), the fabrication of goal posts and the purchase of balls. The project could successfully be implemented. However, several challenges occurred during the construction work such as the need to build a higher wall than planned and to add a bigger amount of soil for backfilling and the purchase of an irrigation system, which made the implementation of the project more expensive (see budget).

### **Initial site condition:**

Below are images of the soccer pitch prior to the commencement of construction works.



One of the major challenges identified was the steep slope at the top left corner of the field. To ensure effective drainage and reduce steepness, a dumpy level machine was hired to establish a more gradual slope.

### **Ground levelling and retaining wall construction**

Based on the engineer's assessment and ground level measurements, an 8-foot retaining wall was required at the lower end of the field. This wall included: 2.5-foot foundation, a 2.5-foot trench at the base as well as columns spaced 2 meters apart to support backfilling.



Construction materials such as sand, cement, ballast, steel bars, binding wire, timber and a vibrator were ordered to start constructing the wall. The building and foundation stones used in the construction were sourced from the school's existing stock.



### **Steel Tube Installation and Welding**

Once the 8 feet wall was completed, concrete columns were fixed with shorter pieces of round tubes inside. After curing, these tubes were welded together with the 6 m long tubes that hold the chain link. In order to join the two tubes, a thinner tube was welded inside them to strengthen their stability and support the height of the surface round tubes. Welding and inserting the tubes in the column steel was also necessary to firmly hold the tubes during filling of concrete until it cured. Round tubes were preferred over square tubes to reduce potential injury risks for children

The pictures below show the insert of the round tube into the column on the left side and a concreted tube in the column being vibrated on the right side.



### Backfilling and tree management

Following the wall construction: **52 truckloads of red soil** were required for backfilling, a significant unplanned expense.



Tree preservation was a priority, and therefore only one avocado tree was removed, and another was pruned. Other fruits trees had been planted earlier in the primary school compound and watering them is ongoing. The school plans to plant **more fruit trees** during the upcoming short rainy season.



### **Grass Planting**

The field was graded, levelled, and the soil mixed with manure before planting.



Bermuda grass was planted by women from the school's community which took one and a half weeks.



**Fencing:** Round CNC-cut iron plates were installed on top of all tubes to prevent internal rusting due to infiltration of water.

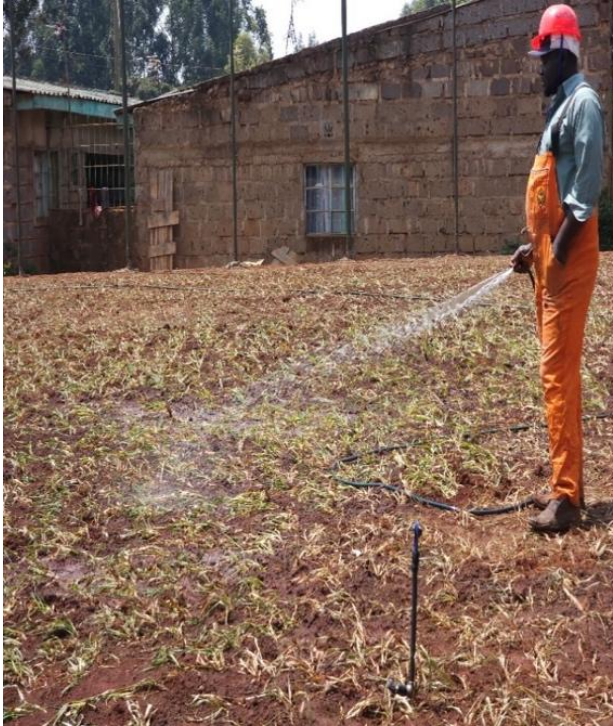


On completion of installing the high standing poles, fixing the supporting run a cross square tubes for stability followed. Along the running square tubes, a galvanized wire was also fixed tightly and straight before mounting the chain link. Thereafter, straightening, pulling and tying the chain link firmly with a binding wire on the run across galvanised wire completed the process of fencing.



### Irrigation:

Due to the **hot and dry weather** in August and September, a necessary irrigation **system** was installed, which included: purchase of horse and PPR pipes, booster pump, plumbing fittings and sprinklers to ensure the grass survives.



### Gates:

The fencing work had to include gates to ensure access to the soccer field. We made two entries. One is on the main big gate for the primary students and the other one is near the Technical college for access into the training college premises.



The pictures below show the well-graded surface of the soccer pitch with Bermuda grass growing steadily and goal posts fabrication underway.



**Basketball Court construction:**

The basket ball court construction started by soil assessment and excavation of the loose top soil. Then marram backfilling and compaction followed, building of the pavement block before making a 4” concrete slab.



A black polythene paper and BRC steel was also laid on the compacted ground before the slab.



Smoothing of the rough concrete floor followed with reshaping the edges and curing the court.



The court has cured, the basket poles are being fabricated and painted.



### Detailed budgets and actual expenditure summary and comparison:

Field Renovation Progress ( Budget and expenditure)								
No.	Particulars			Budget		Actual Exp.		Actual Exp
		Items	@	KSH	CHF/140	KSH	CHF	
1	Metallic steel Poles	54	2'950	158'120	1'129	622'640	3'892	
2	Steel Supporting Bars	134	2'950	395'300	2'824			
3	Chain Link	268	700	187'600	1'340	248'760	1'555	
4	Rods(3pkts)	4	1'500	6'000	43	192'490	1'203	
5	Cutting disk	12	300	3'600	26			
6	Prima / Foundation	5	2'000	10'000	72			
7	White spirit	15	300	4'500	32			
	<i>Hardware materials for the wall , well</i>							
	<i>Building Materials ( Sand and Ballast)</i>					82'000	513	
8	Field grading and leveling	1'056	295	31'520	225	45'000	281	
	<i>Labour for building the wall, manuring and planting grass</i>					85'200	531	
	<i>Red soil for backfilling</i>	52	7'500			390'000	2'438	
	<i>Manure for planting grass</i>	2	15'000			30'000	188	
	<i>Purchase of Bermuda grass ( Sacks)</i>	85	1'000			85'000	531	
9	Goal posts	4	15'000	60'000	429			
10	Tables tennis bat	5	2'500	12'500	89			
11	Tables tennis tables	2	50'000	100'000	714			
12	Basketball Court 420m2	420	2'200	924'000	6'600	920'840	5'755	
13		20	5'300	106'000	757			
14	Labor for steel fabrication			281'000	2'007	233'601	1'460	
15	Misc. (Transport, Hiring Scarfolds and Viabrator)			30'000	214	63'900	399	
	<b>Total cost</b>			<b>2'310'140</b>	<b>16'501</b>	<b>2'999'431</b>	<b>18'746</b>	

Explanations to the budget:

There were some unexpected expenditures which are marked in *italics* and which lead to additional costs for the following reasons:

- Because of the high slope of the field, a retention wall was necessary to be built requiring the purchase of additional materials such as sand for the backfill, more hardware materials like cement, deformed steel, binding wire etc. Moreover, this increased labor costs. The building of this wall and was not budgeted, neither the backfilling at this extent for which also a dumpy machine was needed.
- The works for field grading, wall fence building, grading, leveling and planting were designated to a landscaper, the construction of the basketball court to a contractor.
- Tennis bat, tables and balls are not purchased yet due to an overspent budget; They will be purchased after further fundraising
- The round tubes that were initially bought were used to make goal posts, paints for the goal post are included in the hardware materials
- The exchange rate changed since the submission of the proposal:

<b>summary</b>					
	Budget		KSH received	Actual Expenditures	Actual Expenditures
	KSH	CHF/140	CHF/ 160	KSH	CHF
<b>Total costs</b>	<b>2'310'140</b>	<b>16'501</b>	<b>2'640'155</b>	<b>2'999'431</b>	<b>18'746</b>

The difference between the budget of CHF 16'501 and the actual expenditures of CHF 18'746 has been paid by the Gentiana Development Network.

**Results:**

For results: The project could successfully be implemented as described in detail in the paragraphs ahead by Job Barasa Wanyala, CEO GDN Nairobi, who led the project implementation.

The concrete result of the project implementation can be seen in the following pictures, which show the first sports events on the new basketball field at the Gentiana Schools in Nairobi, which are possible thanks to the much appreciated support of the Eagle Foundation!



**Follow up:** what follow up measures have been taken to ensure the continuity of the project.

The soccer field has remained out of use for four months after planting the grass in order to allow proper grass growth. The staff of the schools regularly water the grass and take care of the basketball field in order to ensure proper and long-term use.

**Conclusion:**

The objectives of the project could fully be achieved with the construction of the soccer field and the basketball field. Sports-activities could already start on the basketball field. Several challenges lead to higher costs of the project, who are so far covered by the GDN.

The staff in Nairobi has been creative when creating the basketball hoop, expressing their thanks to the Eagle Foundation:



**Signature and date:**

Herisau, 30. November 2025

Thomas Baumgartner, cashier