



TGUP Project Summary

Sigalame Primary School

Busia, Kenya



Sigalame School in Busia, Kenya, has 1,030 students (522 boys and 508 girls). The school has 4 projects that TGUP would urgently like to fund.

- 1) The boys' latrines were recently renovated, but the girls' latrines are collapsing and need replacing. The ratio of girls to seats is 127:1! **This project is funded (\$7,867).**
- 2) As a complement to the girls' latrines, another project will add two concrete handwashing stations, each with 4 taps, to be installed next to the new girl's latrines. Total cost: \$2,286.
- 3) The classrooms have mostly dirt floors with leaking roofs and walls. This project, at \$7,771, will renovate four classrooms, including new concrete screed flooring, roof, and wall repairs.
- 4) The final project is a new kitchen. Currently, the cook prepares the meals over a "ring of stones" fire on the floor. This project will build a new 60 square meter kitchen, including a 5,000-liter water tank, and cooking jikos (vats). Total cost is \$11,485.

Each project can be funded separately, or the complete request can be filled for \$21,542.

These projects will be carried out by TGUP's partner in Kenya, [PLIKEN](http://pliken.org) (East Africa Children's Hope). PLIKEN runs one of TGUP's **Save a Girl™** sewing centers and has successfully completed numerous other construction projects with TGUP.

BUDGET FOR CONSTRUCTION OF 2 CONCRETE SINKS FOR 8-STANCE PIT LATRINE FOR GIRLS AT SIGALAME						
Item	Description	Unit	Qty	Rate (KES)	Amount (KES)	Amount (USD)
1	Excavation for sink foundation	m ³	2	3,000	KES 6,000	\$ 47.40
2	Hardcore filling	m ³	4	1,250	KES 5,000	\$ 39.50
3	Sand	Ton	6	1,500	KES 9,000	\$ 71.10
5	Ballast	Ton	4	1,200	KES 4,800	\$ 37.92
4	Cement (50kg bags)	Bags	25	1050	KES 26,250	\$ 207.38
5	Reinforcement mesh/Y8 bars	Kg	50	190	KES 9,500	\$ 75.05
6	Formwork timber and nails	LS	1	5,000	KES 5,000	\$ 39.50
7	Cast reinforced concrete troughs	No.	2	12,000	KES 24,000	\$ 189.60
8	Smooth cement rendering	m ²	15	450	KES 6,750	\$ 53.33
9	20mm PPR/PVC water pipe	m	30	250	KES 7,500	\$ 59.25
10	Pipe fittings (tees, elbows, sockets)	LS	1	3,500	KES 3,500	\$ 27.65
11	Heavy-duty bib taps	No.	8	1500	KES 12,000	\$ 94.80
12	50mm PVC waste pipe	m	15	320	KES 4,800	\$ 37.92
13	Soak pit construction	LS	1	8,000	KES 8,000	\$ 63.20
14	1,000-litre water tank	No.	1	15,000	KES 15,000	\$ 118.50
15	Steel tank stand (3m high)	No.	1	25,000	KES 25,000	\$ 197.50
16	Ceramic Wall tiles (basic grade)	m ²	25	1,200	KES 30,000	\$ 237.00
17	Tile adhesive (grout)	bag	1	8,000	KES 8,000	\$ 63.20
18	Plumbing installation labor	LS	1	10,000	KES 10,000	\$ 79.00
19	Masonry and concrete labor	LS	1	15,000	KES 15,000	\$ 118.50
20	Transport of materials	LS	1	6,000	KES 6,000	\$ 47.40
	Project management & reporting				KES 48,220	\$ 380.94
	Total				KES 241,100	\$ 2,285.60

BUDGET FOR 4 CLASSROOM RENOVATION AT SIGALAME PRIMARY				
4 classrooms (≈8m × 6m each)				
1	Floor screeding			
2	Roof repair & anti-rust painting			
3	Internal & external wall painting			
4	Minor repairs			
Floor Screeding				
	Item	Description	Amount (KES)	USD (0.0079)
1	Cement	85 bags	KES 80,750	\$637.93
2	Sand	9 tons	KES 27,000	\$213.30
3	Hardcore	6 tons	KES 25,000	\$197.50
4	Labour	Skilled finishing	KES 55,000	\$434.50
	Subtotal		KES 187,750	\$1,483.23
Wall Painting				
1	Internal paint	9 cans (20L)	KES 67,500	\$533.25
2	External paint	7 cans (20L)	KES 63,000	\$497.70
3	Primer/sealer	4 cans	KES 22,000	\$173.80

4	Tools & materials	Brushes, rollers	KES 5,000	\$ 39.50
5	Surface preparation	Crack filling, sanding	KES 15,000	\$118.50
6	Labor	Painting works	KES 60,000	\$474.00
	Subtotal		KES 232,500	\$ 1,836.75
Roof Repair & Painting				
1	Roof repairs	Leak fixing, timber reinforcement	KES 65,000	\$513.50
2	Replacement sheets	45 sheets	KES 67,500	\$533.25
3	Roof paint (anti-rust)	5 cans (20L)	KES 32,500	\$256.75
4	Labor	Roofing works	KES 50,000	\$395.00
	Subtotal		KES 215,000	\$ 1,698.50
Minor Repairs & Finishing				
1	Wall crack repairs	Cement & filler	KES 45,000	\$355.50
2	Doors/windows repair	Metal works	KES 75,000	\$592.50
3	Cleaning & final finishing	Post-renovation	KES 5,000	\$ 39.50
	Subtotal		KES 125,000	\$987.50
Supervision & Logistics				
1	Site supervision	Technician/foreman	KES 35,000	\$276.50
2	Transport	Materials delivery	KES 30,000	\$237.00
	Subtotal		KES 65,000	\$513.50
Contingency				
	Item	Amount (KES)	USD (0.0079)	
1	Contingency	KES 54,479.00	\$430.38	
FINAL TOTAL				
	Category	Amount (KES)	USD (0.0079)	
	Floor screeding	KES 187,750.00	\$ 1,483.23	
	Wall painting	KES 232,500.00	\$ 1,836.75	
	Roof works	KES 215,000.00	\$ 1,698.50	
	Minor repairs	KES 125,000.00	\$987.50	
	Supervision & logistics	KES 65,000.00	\$513.50	
	Contingency	KES 54,479.00	\$430.38	
Totals		KES879,729.00	\$ 6,949.86	
Community contribution			KES (60,000.00)	\$ (474.00)
Project management & reporting			KES 163,945.80	\$ 1,295.17
Grand total			KES 983,674.80	\$ 7,771.03

BUDGET – SIGALAME PRIMARY SCHOOL KITCHEN				
Capacity: 600–1000 learners				
Size: ~50–60 m ² (compact kitchen)				
Construction				
	Item	Description	Amount (KES)	USD (0.0079)
1	Site preparation	Clearing, leveling	KES 40,000	\$ 316.00
2	Foundation & slab	Concrete base	KES 200,000	\$ 1,580.00
3	Walling	Machine-cut stones (half-height + ventilation space)	KES 300,000	\$ 2,370.00
4	Roofing	Timber + mabati sheets (high roof)	KES 150,000	\$ 1,185.00
5	Doors & windows	Steel door + ventilated windows	KES 80,000	\$ 632.00
6	Floor finish	Smooth screed (easy cleaning)	KES 60,000	\$ 474.00
	Subtotal		KES 830,000	\$ 6,557.00
Cooking System				
1	Improved institutional jikos	Energy-saving stoves	KES 120,000	\$ 948.00
2	Large cooking pots	80–150L	KES 60,000	\$ 474.00
3	Basic utensils	Spoons, paddles	KES 20,000	\$ 158.00
	Subtotal		KES 200,000	\$ 1,580.00
Water, Hygiene & Drainage				
1	Water tank (5000L)	Storage	KES 50,000	\$ 395.00
2	Basic plumbing	1–2 sinks	KES 50,000	\$ 395.00
3	Drainage	Simple wastewater channel	KES 30,000	\$ 237.00
	Subtotal		KES 130,000	\$ 1,027.00
Ventilation & Safety				
1	Chimney/exhaust outlet	Smoke control	KES 20,000	\$ 158.00
2	Fire extinguishers	Safety	KES 15,000	\$ 118.50
3	Protective gear	Aprons, gloves	KES 5,000	\$ 39.50
	Subtotal		KES 40,000	\$ 316.00
Storage & Serving				
1	Wooden/metal shelves	Dry food storage	KES 20,000	\$ 158.00
2	Simple serving counter	Concrete/wood	KES 10,000	\$ 79.00
	Subtotal		KES 30,000	\$ 237.00
Contingency (~5%)				
1	Contingency		KES 61,500	\$ 485.85
TOTAL PROJECT COST				
	Category	Amount (KES)		
	Construction	KES 830,000		\$ 6,557.00

	Cooking system	KES	200,000	\$ 1,580.00
	WASH	KES	130,00	\$ 1,027.00
	Ventilation & safety	KES	40,000	\$ 316.00
	Storage & serving	KES	30,000	\$ 237.00
	Contingency	KES	61,500	\$ 485.85
	GRAND TOTAL		KES 1,291,500	\$ 10,202.85
		-		
	Community contribution	KES	(80,000.00)	\$ (632.00)
	Project management & reporting	KES	242,300.00	\$ 1,914.17
	Grand total		<u>KES 1,453,800.00</u>	<u>\$11,485.02</u>