



KENYA RURAL ROADS AUTHORITY

Telephone: 050 - 2030109
Telefax:

CONSTITUENCY ROADS OFFICE
KENYA RURAL ROADS AUTHORITY
GILGIL CONSTITUENCY
P. O. Box 17791
NAKURU

When replying please quote

Ref No: GILG. /RDS/C.R.C GILGIL /36/VOL.I /063

17th November 2021

The NG CDF,
Gilgil Constituency,
P.O. Box 52,
GILGIL.

RE: GILGIL CONSTITUENCY UNCLASSIFIED ACCESS ROADS TO SCHOOLS

- 1. Mzee Moja – Kahuho Pry School**
- 2. Jnct C717 (Kagiri) – Kamathatha Primary and Secondary Schools**
- 3. Mbaruk Centre – Itherero Pry School**
- 4. Jnct A4 (Former C77) Nganoini – Karunga Secondary School.**

The above listed roads are unclassified roads providing accesses to schools and are not planned for any maintenance by KeRRA.

1.Mzee Moja-Kahuho Primary School:

The main access road is very rocky and required concrete slab at some section. Children from one side of the school must cross a seasonal stream which cannot be crossed during the rainy season to reach the school gate through a bushy quarry.

2.Junction Jc117(Kagiri)-Kamathatha Secondary and Primary School.

Currently to access the schools one passes through demarcated plot where the owners have started to settle. The official access road must be opened through a sand harvested area where a lot of work is required. The Kenya Shillings Three Million (**3,000,000/=**) allocation cannot do much given that the road is not there. I would propose that the Kenya Shillings Three Million (**3,000,000/=**) that was allocated to the Main Road – Kiungururia Primary and Secondary School be used for part funding of this road.

3. Mbaruk Centre-Itherero Primary School

The access road to primary school is impassable during the rainy season and required grading and gravelling of the carriageway with some drainage works.

4. Junction A4(Formerly C77) Nganoini – Karunga Secondary School.

This access road passes through a rocky section. It requires widening and grading to achieve good side ditches, raising of some sections, some culverts and gravel layer be done for longer life span.

5. Main Highway-Kiungururia Primary and Secondary School.

This road was found to have been done by somebody after the proposal was made by the NG-CDF Gilgil Constituency. I would request that the money allocated to it be used to part fund the Kamathatha Secondary and Kamathatha Pry School access road.

Attached are bills of quantities that shall be used as a guide during the implementation of the works.



Edward M. Kihara
Constituency Roads Officer (C.R.O)

GILGIL CONSTITUENCY.

Attch.

BILL OF QUANTITIES FOR THE PROPOSED WORKS OF KAMATHATHA PRY SCH ACCESS ROAD (UNCLASSIFIED)

ROAD NAME	LENGTH (Km)	ACTIVITY CODE	ACTIVITY DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	BALANCES	
			BUDGET CEILING USED						6,000,000.00
		01-60-005	Publicity Sign Board	Ksh	1	25000	25,000.00		
		01-80-026	Allow a prime cost sum for the REs miscellaneous account	PC SUM	300,000.00	1	300,000.00		
		01-80-027	Extra over 01-80-026 for profits and overheads	%	300,000.00	0.25	75,000.00		
		04-50-003	Heavy Bush Clearing	M2	14,900.00	5.00	74,500.00		
		05-50-007	Fill in hard material and compact	M3	100.00	1,200.00	120,000.00		
		08-50-005	Ditch/Mitre drain/catch water drain excavation	M3	40.00	350.00	14,000.00		
Kamathatha Primary School Access Road	2	08-60-026	Culvert Installation 600mm with surround	M	24.00	16,000.00	384,000.00		
		10-50-001	Heavy grading with watering and compaction	M2	30,000.00	18.00	540,000.00		
		10-60-001	Provide gravel wearing course excavation free haul spread water and compact to Prime Mover (no attachment): 35 - 50 Tonnes	M3	2,625.00	1,500.00	3,937,500.00		
		22-61-014	Excavator : 140 HP	EH	8.00	10,000.00	80,000.00		
		22-64-001	Excavator : 140 HP	EH	45.00	10,000.00	450,000.00		
			Sub Total					6,000,000.00	-

NB: 1. All rates are inclusive of 16% VAT and are based on Nakuru Region KeRRA Rates

2. Rates for culvert installation are all inclusive



MBARUK - ITHERERO PRIMARY						
ACTIVITY CODE	ACTIVITY DESCRIPTION.	UNIT	QUANTITY	RATE	AMOUNT	BALANCES
	BUDGET.					1,500,000.00
01-60-005	Publicity sign board	ksh	1.00	25,000.00	25,000.00	
01-80-026	Allow a prime cost sum for the Res miscellaneous	PC SUM	37,500.00	1.00	37,500.00	
01-80-027	Extra over 01-80-026 for profits and overheads.	%	37,500.00	25%	9,375.00	
08-60-025	Culvert installation 600mm with surround.	M	36.00	16,000.00	576,000.00	
10-50-001	Heavy grading without watering or compaction instructed by the engineer. Provide gravel wearing course-	M ²	4,001.00	10.00	40,010.00	
10-60-001	excavation, free haul, spread, water and compact gravel to specifications.	M ³	541.41	1,500.00	812,115.00	
					1,500,000.00	-



NGANOINE - KARUNGA SEC

ACTIVITY CODE	ACTIVITY DESCRIPTION.	UNIT	QUANTITY	RATE	AMOUNT	BALANCES
	BUDGET.					
01-60-005	Publicity sign board	ksh	1.00	25,000.00	25,000.00	5,500,000.00
01-80-026	Allow a prime cost sum for the Res miscellaneous	PC SUM	275,000.00	1.00	137,500.00	
01-80-027	Extra over 01-80-026 for profits and overheads.	%	275,000.00	25%	68,750.00	
04-50-003	Heavy bush clearing.	M ²	16,000.00	5.00	80,000.00	
05-50-007	Fill in hard material and compact.	M ³	100.00	1,200.00	120,000.00	
08-50-005	Ditch/Mitre drain /catch water drain excavation	M ³	100.00	350.00	35,000.00	
08-50-034	Desilt and clean existing culverts to free flowing condition	M	10.00	350.00	3,500.00	
08-60-025	Culvert installation 600mm with surround.	M	15.00	16,000.00	240,000.00	
08-70-004	Provide and place Gabion Installation	NO	6.00	15,000.00	90,000.00	
08-70-005	Provide and place Rock fill to Gabions	M ³	12.00	1,500.00	18,000.00	
10-50-001	Heavy grading without watering or compaction instructed by the engineer.	M ²	24,000.00	10.00	240,000.00	
10-60-001	Provide gravel wearing course-excavation, free haul, spread, water and compact gravel to specifications.	M ³	2,961.50	1,500.00	4,442,250.00	
					5,500,000.00	



BILL OF QUANTITIES FOR THE PROPOSED WORKS OF KAHUHO PRY SCH ACCESS ROAD (UNCLASSIFIED)

ROAD NAME	LENGTH (km)	ACTIVITY CODE	ACTIVITY DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	BALANCES
Kahuho Primary School Access Road	3.5	BUDGET CEILING USED						
		01-60-005	Publicity Sign Board	Ksh	1	25000	25000	
		01-80-026	Allow a prime cost sum for the RES miscellaneous account	PC SUM	150,000.00	1	150000	
		01-80-027	Extra over 01-80-026 for profits and overheads	%	150,000.00	0.25	37500	
		04-50-003	Heavy Bush Clearing	M ²	5,620.00	5.00	28,100.00	
		05-50-003	Excavation & spread in hard material and compact	M ³	40.00	1,000.00	40,000.00	
		05-50-007	Fill in hard material and compact	M ³	385.00	1,200.00	462,000.00	
		08-60-027	Culvert Installation 900 mm with surround	M	20.00	20,000.00	400,000.00	
		08-70-004	Provide and place Gabion Installation	NO	10.00	15,000.00	150,000.00	
		08-70-005	Provide and place Rock fill to Gabions	M ³	20.00	1,500.00	30,000.00	
08-70-052	Provide, place and compact class 25/20 concrete to beds, surrounds and haunches	M ³	48.00	18,750.00	900,000.00			
17-50-027	Provide and place 50mm thick class 15/20 concrete blinding to structures	M ³	12.00	12,000.00	144,000.00			
17-60-003	Vertical framework class F2 finish	M ²	30.00	2,000.00	60,000.00			
17-80-002	Provide and place A142 fabric mesh reinforcement	M ²	256.00	400	102,400.00			
10-50-001	Heavy grading without watering and compaction	M ²	2,100.00	10.00	21,000.00			
10-60-001	Provide gravel wearing course excavation free haul spread water and compact to	M ³	300.00	1,500.00	450,000.00			
Sub Total							3,000,000.00	

NB: 1. All rates are inclusive of 16% VAT and are based on Nakuru Region KERRA Rates

2. Rates for culvert installation are all inclusive

