KENYA INFORMAL SETTLEMENTS IMPROVEMENT PROJECT (KISIP 2)

CONTRACT No. KE-MOTI-298201-CS-QCBS

CONSTRUCTION OF INFRASTRUCTURE IMPROVEMENT WORKS IN SELECTED INFORMAL SETTLEMENTS (MAKONGENI, SHAURI YAKO, SOFIA, A THOUSAND STREET, NYANDIWA AND RUSINGA) IN HOMABAY COUNTY

: PART 1- ROADS, FOOTPATHS, DRAINAGE WORKS

BILLS OF QUANTITY FOR RUSINGA_R2_009 (236 m)

BILL No. 9 (RUSINGA_R2_009): PASSAGE OF TRAFFIC DIVERSIONS

ITEM No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT KShs.
	PART NINE: PASSAGE OF TRAFFIC DIVERSIONS				
	Construction of diversions in maximum lengths of 2 km sections				
9.01	All the operations connected with the initial construction of temporary deviations, appropriate width, to allow passage of traffic during the Works; all in accordance with the Specification	km	0.05		
	Gravel Wearing Course				
9.02	Provision, laying and compacting of gravel wearing course to deviations, 5m wide, 150mm thick, where directed by the Engineer's Representative and in accordance with the Specification	m^2	150		
	Maintenance of gravel wearing surfacing				
9.03	Allow for maintenance, watering (min. 5 mm/day) and weekly grading on diversions, all in accordance with the Specifications	Lump Sum	Item		
	Provide Signs and Barriers				
9.04	Provision, erection and maintenance of temporary signs, barriers, lights, traffic lights, etc., along diversions constructed: all inaccordance with Specification and in conformity with the Engineer's Representative instructions	Item	L.S.		
	Access Roads				
9.05	Site clearance, topsoil strip, earthworks, drainage, gravel wearing course, maintenance and reinstatement; all in accordance with the Specification and in conformity with Engineer's Representative instructions	m^2	40		
9.06	Allow for Traffic Mangement Meetings every month facilitation of stakeholders	Nr	2		
BILL 9 (RUSINGA_R2_009) TOTAL TOTAL CARRIED TO RUSINGA_R2_009 SUMMARY					

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: PART 1- ROADS, FOOTPATHS, DRAINAGE WORKS

BILLS OF QUANTITY FOR RUSINGA_R2_009 (236 m)

BILL No. 12 (RUSINGA_R2_009): NATURAL MATERIAL SUBBASE AND BASE

ITEM No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT KShs.
	PART TWELVE: NATURAL MATERIAL SUBBASE AND BASE				
	Natural Gravel (Stabilized) Subbase and Handpacked Base				
12.01	Provide, lay and compact subbase in 150mm thick stone material in carriageway, bus bays, footpaths, shoulders and junctions from approved quarries with material properties conforming to the Special Specifications in the Technical Specifications and in conformity with the Engineer's Representative instructions in subbase	m^3	194.70		
12.02	Provide, place and compact quarry waste to fill voids with stone dust and water as directed by the Engineer.	m^3	64.90		
12.03	Provide, place, spread and compact natural gravel in sub-base	m^3	194.70		
BILL 12 (RUSINGA_R2_009) TOTAL TOTAL CARRIED TO RUSINGA_R2_009 SUMMARY					

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: PART 1- ROADS, FOOTPATHS, DRAINAGE WORKS

BILLS OF QUANTITY FOR RUSINGA_R2_009 (236 m)

BILL No. 14 (RUSINGA_R2_009): CEMENT TREATED SUBBASE

ITEM No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT KShs.
	PART FOURTEEN: CEMENT TREATED SUBBASE				
	Cement Stabilizer				
14.01	Provision, storage, transport and spreading the stabiliser at any point of the base course of carriageway, bus bays, footpaths, shoulders and junctions in accordance with the Specification and in conformity with the Engineer's Representative instructions	tonne	11		
	Mix-in Cement Stabilizer				
14.02	Mixing stabiliser into the material to 4% cement maximum, all in accordance with the Specifications and in conformity with the Engineer's Representative instructions	m^3	195		
14.03	Allow for curing of stabilized base.	m^2	1298.00		
BILL 14 (RUSINGA_R2_009) TOTAL TOTAL CARRIED TO RUSINGA_R2_009 SUMMARY					

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: PART 1- ROADS, FOOTPATHS, DRAINAGE WORKS

BILLS OF QUANTITY FOR RUSINGA_R2_009 (236 m)

BILL No. 15 (RUSINGA_R2_009): BITUMINOUS SURFACE TREATMENT AND SURFACE DRESSING

ITEM No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT KShs.
	PART FIFTEEN: BITUMINOUS SURFACE TREATMENT AND SURFACE DRESSING				
	Prime Coat and Tack coat				
15.01 A	MC 70 prime coat on Cement treated material at nominal rate of 0.8 - 1.2 ltr/m² to base course on carriageway, bus bays, footpaths, shoulders and junctions	Liter	1558		
15.01 B	K1-70 cationic emulsion tack coat on primed treated base at nominal rate of 0.4 - 1.0 ltr/m² to base course on on carriageway, bus bays, footpaths, shoulders and junctions	Liter	1298		
BILL 15 (RUSINGA_R2_009) TOTAL TOTAL CARRIED TO RUSINGA_R2_009 SUMMARY					