

EMC ROADS DEPARTMENT 2017-2018 PROJECT. CONSTRUCTION OF SOGOYO BOX CULVERT IN KAPYEGO WARD

ITEM	DESCRIPTION	UNIT	QTY	RATE(KSHS)	AMOUNT(KSHS)
BILL NO. 1: PRELIMINARY AND SUPERVISORY/SUPPORT SERVICES					
1.01	Allow a Prime cost of KShs 50,000 for supervision	LS	1	50,000	50,000.00
1.02	Provide, erect and maintain publicity signs as directed by the Engineer	No.	1		
	Total carried forward to summary page				
BILL NO. 7: EXCAVATION AND FILLING FOR STRUCTURES					
	STRUCTURES ARE AS LISTED BELOW:				
7.01	Excavate to spoil in soft materials	m³	50		
7.02	As item 7.01 but in hard materials	m³	10		
7.03.1	Provide, place and compact rockfill below structure	m³	10		
7.03.2	Rockfill to backfill structure(Abuttments)	m³	10		
	Bill No. 7 Total Carried Forward to Grand Summary				
BILL NO. 17: CONCRETE WORKS					
	BOX CULVERTS				
	Concrete				
17.01	Provide, place and compact 50mm Class 15(20) concrete blinding as instructed by the Engineer	m³	5		
17.02	Provide, place and compact Class 30(25) to base of wingwall, abutments, main beams, cross-beams, deck and approach slabs as shown in drawings	m³	25		
	Reinforcement: Provide, cut, bend & fix into position steel reinforcement as shown in the drawings or as instructed by the Engineer				
17.03	High yield reinforcement steel bars to BS 4461 equal to D10 diameter bar size(Ribbed bars)	KG	140		
17.04	High yield bond strength reinforcement steel to BS 4661 D8 diameter bar size(Ribbed bars)	KG	140		
	Formwork: Provide, erect and afterwards dismantle and remove all the formwork as specified by the Engineer				
17.05	Provide & fix in place marine ply vertical formwork to achieve class F1 finish.	M²	100		
17.06	As item 17.05 but horizontal	m²	20		
	Bill No. 17 Total Carried Forward to Grand Summary				

GRAND SUMMARY OF BILL OF QUANTITIES

BILL ITEM	DESCRIPTION	AMOUNT (Kshs)
	NOTE: ALL PRICES ARE VAT INCLUSIVE	
1	PRELIMINARY AND SUPERVISORY/SUPPORT SERVICES	
7	EXCAVATION AND FILLING FOR STRUCTURES	
17	CONCRETE WORKS	
	GRAND TOTAL	