

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF INFRASTRUCTURE TRANSPORT,PUBLIC WORKS, HOUSING & ENERGY

P.O. BOX 78-90300 MAKUENI Tel No. : 020-2034944

Email: transport@makueni.go.ke

Web: www.makueni.go.ke

SUB COUNTY	KILOME
WARD	KASIKEU

REHABILITATION KASIKEU - MUTWAMBOO – KWA NDIKI- MOMBASA ROAD JUNCTION RD

SCOPE OF WORKS

S/NO.	ITEM	QUANTITY
1	Construction of drift	75m x 6m
2	Installation of gabions	80 No.
3	Stone pitching	240m ²
4	Demolishing of structure	75m x 6m
5	Gravelling	500m
6	Construction of scour checks	150 No.

BILL NO.1 : PRELIMINARY AND SUPERVISORY SERVICES

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1.09	Allow a prime cost of kshs 0 For Engineers supervision	PC SUM	1	-	-
1.1	E.O. item 1.09 for contractor's overheads and profit.	%	10	-	-
1.11	Allow a prime cost of kshs 0 For office administration	PC SUM	1	-	-
1.12	E.O. item 1.11 for contractor's overheads and profit.	%	10	-	-
1.13	Allow a prime cost of kshs 0 For setting out works	PC SUM	1	-	-
1.14	E.O. item 1.13 for contractor's overheads and profit.	%	10	-	-
1.15	Allow a prime cost of kshs 0 For material testing	PC SUM	1	-	-
1.16	E.O. item 1.15 for contractor's overheads and profit.	%	10	-	-
1.17	Allow a prime cost sum of kshs 0 for hire of vehicle to be used for supervision	PC SUM	1	-	-
1.18	E.O. item 1.17 for contractor's overheads and profit.	%	10	-	-
Total of Bill No.1 forwarded to summary					-

NO.4 : SITE CLEARANCE AND TOPSOIL STRIP

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4.02	Demolish existing reinforced /mass concrete and cart away to spoil or stockpile for re-use as directed by the Engineer.	C.M	360	-	-
1 forwarded to summary					-

BILL NO.5 : EARTHWORKS

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	NOTE: No overhaul will be paid for these items as they shall be deemed to have been included in the Tenderer's rates				
5.03	Cut to spoil in soft material	m ³	0.00	-	-
5.04	Cut to spoil in hard material	m ³	0.00	-	-
Total of Bill No.5 Forwarded to Summary					-

BILL No.7: EXCAVATION AND FILLING FOR STRUCTURES

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.01	Excavation in soft material for major structures (drift)	CM	1387.4		-
7.02	Provide, place and compact rockfill(Hardcore) below structures as directed by the Engineer(drift)	CM	417.6		-
7.03	Excavation in soft material for major structures i.e.gabion works.	CM	144		-
7.04	As for item 7.01 but in hard material.	CM	14.4		-
7.05	Provide and place macaferri or equivalent gabion boxes and mattresses as specified.	SM	792		-
7.06	Provide and place rockfill to gabions.	CM	144		-
7.07	Provide 50mm concrete using class 15/20 to gabions exposed surfaces	CM	14.4		-
7.08	Provide stone pitching including grouting of ratio 1:4 cement to Mortar as directed by the Engineer.	SM	120		-
Total of Bill No.7 Carried Forward to Summary					-

Bill No. 8.Culverts and Drainage Works					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Note: No separate payments shall be made for gravel for blinding or hauling to spoil unsuitable excavation materials and the cost of such shall be included in the rates and prices				
8.01	Excavate for inlet,outfall,mitre and catch water drains and roads for water structures in soft material	m3	50.00		-
					-
8.02	As per item 8.01, but for hard material	m3	-		-
					-
8.03	Excavation in soft material for pipe culverts,headwalls, wingwalls, apron,toewalls,and drop inlets and compact as directed by the	m3	48.00		-
					-
8.04	As per item 8.03, but for hard material	m3	8.00		-
					-
8.05	Provide,lay and joint 600mm dia. concrete pipes for access roads	m	24.00		-
					-
8.08	Provide and place class 20/20 concrete to beds, surround and haunches including formwork F2 including all form work and the provision and placing of reinforcement as shown in the drawings	m3	12.24		-
					-
8.09	Provide, place and compact class 25/20 concrete for headwalls,wingwalls, aprons, and toewalls to access and cross pipe culverts including all form work F2 Finishand the provision and placing of reinforcement (A198) as shown in the drawings	m3	-		-
					-
					-
					-
					-
					-
	Bill No. 8 Total Carried Forward to Grand Summary				-

BILL NO.9;PASSAGE TO TRAFFIC

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NOTE: Notwithstanding the provision of Section 9 of the Standard Specification, no extra payments shall be due as all costs shall be deemed to be				
					-
9.02	Allow for the passage of traffic through and around the works	LS	1		-
					-
					-
Bill No. 9 Total Carried Forward to Grand Summary					-

BILL NO.10 :GRADING AND GRAVELLING WORK

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
10.01	Provide and spread lateritic (natural) gravel to drift approaches to specified thickness as directed by the engineer.	CM	531.00		-
Total of Bill No.10 Forwarded to Summary					-

BILL NO.17 :CONCRETE WORKS

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Provide, place and compact the following classes of concrete as specified.				
17.01	class15/20 concrete blinding(Drift footing)	CM	23.00		-
17.02	Class 25/20 concrete.(drift footing,walls and slab)	CM	234.900		-
17.03	Vertical formwork class F2 finish.	SM	320.00		-
17.04	Horizontal formwork class F2 finish.	SM	-		-
17.05	Reinforcement bars of high yield strength to BS 4461, size 12mm and below.	TONNE	10.5290		-
Total of Bill No.20 Forwarded to Summary					-

BILL NO.20: ROAD FURNITURE

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
20.1	Provide and fix class 25/20 reinforced concrete markposts/bollards of size 150 * 150 * 1200mm, Yellow and black painted as per the drawings or as shall be instructed by the Engineer.	No.	4.00		-
Total of Bill No.20 Forwarded to Summary					-

BILL NO.25 : CROSS CUTTING ISSUES

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1.08	Provide, erect and maintain publicity signboard	PC SUM	2		-
Total of Bill No.4 Forwarded to Summary					-

SUMMARY OF BILLS OF QUANTITIES:**REHABILITATION KASIKEU - MUTWAMBOO – KWA NDIKI- MOMBASA ROAD JUCTION RD**

BILL NO	DESCRIPTION	AMOUNT
1	PRELIMINARY AND SUPERVISORY SERVICES	0.00
4	SITE CLEARANCE AND TOPSOIL STRIPPING.	0.00
5	EARTHWORKS	-
7	EXCAVATION AND FILLING FOR STRUCTURES	-
8	CULVERTS & DRAINAGE WORKS	-
9	PASSAGE TO TRAFFIC	-
10	GRADING AND GRAVELLING	-
17	CONCRETE WORKS	-
20	ROAD FURNITURE	-
25	CROSS CUTTING ISSUES	-
	SUB TOTAL (1)	-
	ADD 3% of Total (1) for contingency	
	SUB TOTAL (2)	-
	Add 16% VAT(2)	-
	Grand Total Carried Forward to Form of Bid	-