



Enhancing Urban Mobility

Kenya Urban Roads Authority

Barabara Plaza Mazao Road, Off Airport South Road

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Ref: KURA/EO/SCM/3/Vol 31 (40)

Date: 31st August, 2023

To All Bidders

RE: ADDENDUM NO. 2

Reference is made to the above subject matter.

This is to notify all bidders that an addendum no.2 has been issued for the tenders shown in the table below:

TENDER NUMBER	TENDER NAME	CORRECTION
KURA/RMLF/COR/145-182/2023-2024	ALL TENDERS	Download new tender documents from KURA website. Note: Opening dates for Coast region tenders has been moved to from 12th September, 2023 to 19th September, 2023 THE DOCUMENTS WITH THE ADDENDUM AS THE FIRST PAGE ARE THE NEW DOCUMENTS
KURA/RMLF/WE/230/2023-2024	Routine Maintenance of package 19 roads in Kimilili town, Bungoma County	Replace page 146,147,148 as attached
KURA/RMLF/SR/112/2023-2024	Performance based maintenance of package 19 roads in Nakuru City	Replace page 63-84 as attached
KURA/RMLF/SR/117/2023-2024	Periodic Maintenance of package 24 roads in Nakuru City	Replace page 147-154 as attached
KURA/RMLF/SR/102/2023-2024	Periodic Maintenance of package 9 roads in Bomet Town	Replace page 146-153 as attached
KURA/RMLF/UE/124/2023-2024	Periodic Maintenance of Package 2(Marsabit Urban Center)	Replace page 148 as attached

KURA/RMLF/NZ/260/20 23-2024	Periodic maintenance of package 24 road in Kisii Urban Area	<i>Replace page 151 as attached</i>
KURA/RMLF/NRB/189/2 023-2024	Performance Based Contract of Package 7 roads	<i>Clarification is hereby given that the number of vehicle months for the two (2) vehicles given on page 61 as (24months) is correct.</i>
Tender opening date		<i>The tender opening date and schedule of site visits is per the Tender Notice</i>
KURA/RMLF/NE/277/20 23-2024	Upgrading to Bitumen Standards of Garissa ndogo (Phase 1)	<i>The Tender is preserved for YOUTH as indicated in the Tender Notice.</i>

The closing/opening date remains 12th September, 2023 at 10:00 a.m. at Kenya Urban Roads Authority, Supply Chain Management Office on Ground floor Barabara Plaza, Block D.

Details of the addendum can be accessed on our Website www.kura.go.ke.


Saadia Haji Adankhalif
FOR: DIRECTOR GENERAL



KENYA URBAN ROADS AUTHORITY

Enhancing Urban Mobility

DIRECTOR ROAD ASSETS AND CORRIDOR MANAGEMENT

MEMORANDUM

To : Deputy Director (SCM)

From : Director (RA&CM)

Date : 31st August, 2023

Ref : KURA/RACM/RURC/Vol.5(46)

SUBJECT : REQUEST FOR ADDENDUM NO 2

Reference is made to the above subject.

This is to bring to your attention proposed amendments in some Tender documents and clarifications from bidders as follows:

COAST REGION		
TENDER NUMBER	TENDER NAME	CORRECTION
KURA/RMLF/WE/223/2023-2024	Routine Maintenance of package 19 roads in Kimilili town, Bungoma County	<i>Replace page 146,147,148 as attached</i>
KURA/RMLF/SR/112/2023-2024	Performance based maintenance of package 19 roads in Nakuru City	<i>Download corrected tender document from the website</i>
KURA/RMLF/SR/117/2023-2024	Periodic Maintenance of package 24 roads in Nakuru City	<i>Download corrected Tender Document</i>
KURA/RMLF/SR/102/2023-2024	Periodic Maintenance of package 9 roads in Bomet Town	<i>Download corrected Tender Document</i>
KURA/RMLF/UE/124/2023-2024	Periodic Maintenance of Package 2(Marsabit Urban Center)	<i>Replace page 148 as attached</i>
KURA/RMLF/NZ/260/2023-2024	Periodic maintenance of package 24 road in Kisii Urban Area	<i>Replace page 151 as attached</i>

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KURA/RMLF/NRB/189/2023-2024	Performance Based Contract of Package 7 roads	<i>Clarification is hereby given that the number of vehicle months for the two (2) vehicles given on page 61 as (24months) is correct.</i>
KURA/RMLFNE/277/2023-2024	Upgrading Bitumen To Garisaa Ndogo (Phase 1)	<i>The tender is preserved for YOUTH as indicated in the tender notice</i>
KURA/RMLF/COR145-182/2023-2024	ALL TENDERS	<i>Download new tender documents from Kura website.</i> <i>Note: Opening dates for coast region has been moved from 12th September to 19th September ,2023</i> THE DOCUMENTS WITH THE ADDEDUM AS THE FIRST PAGE ARE THE NEW DOCUMENTS
Tender opening date		<i>The tender opening date and schedule of site visits is per the Tender Notice</i>

The Deputy Director-(SCM) is hereby requested to issue an addendum to correct the above discrepancies in the affected Tender documents.


 Eng. John O. Orwa
FOR: DIRECTOR (RA&CM)

Road Code: BU3-KIMILILI

Section Name: KIMILILI - CHESAMIS

Bil 1 No	ITEM CODE	DESCRIPTION	Quantity	UNIT	Unit Bid RATE (KShs)	Bill Item Cost without VAT (KShs)
1	01-80-010	Allow a prime cost of sum for material testing as directed by the Engineer	50,000.00	PC SUM	1.00	50,000.00
1	01-80-011	Extra over item 01-80-010 for contractors overheads and profits	50,000.00	%		
1	01-80-030a	Prime cost sum for payment of allowances for Engineer's site staff (Permanent staff)	200,000.00	PC SUM	1.00	200,000.00
1	01-80-030b	Extra Over on Item 01-80-030a for the Contractor's Overheads and Profit.	200,000.00	%		
1	01-80-030	Allow a prime cost for attendance to the RE,s supervisory staff including overtime	300,000.00	PC SUM	1.00	300,000.00
1	01-80-031	Include percentage of PC sum in item 01-80-030 for contractors overhead and profit	300,000.00	%		
TOTAL BILL 1 CARRIED FORWARD TO SUMMARY						
4	04.60.001a	Light bush Clearing	16,000.00	Sq.Metres		
TOTAL BILL 4 CARRIED FORWARD TO SUMMARY						
5	05-50-008a	Cut to spoil in Soft	400.00	Cub.Metr es		
TOTAL BILL 5 CARRIED FORWARD TO SUMMARY						
7	07.70.001	Provide and place 200mm thick stone pitching including grouting to outfall drains as detailed in the drawings or as directed by the Engineer	2,240.00	M ²		
TOTAL BILL 7 CARRIED FORWARD TO SUMMARY						
8	08-50-002	Drain cleaning	2,000.00	Metres		
8	08-50-005	Ditch/mitre drain/catch water excavation in soft material	448.00	Cub.Metr es		
8	08.60.004	Desilt and clean existing culverts (all sizes) to free flowing condition	200.00	Metres		
8	08-60-030	Excavate for drains and pipe culverts in soft material	1,568.00	Cub.Metr es		
8	08-60-024	Provide, lay and join 600mm inner dia concrete pipes	85.00	Metres		
8	08-60-032	Concrete class 15/20 for bed and sorrounds and haunches	10.20	Cub.Metr es		

8	08-60-034	Concrete class 25/20 for apron, wingwalls and headwalls	31.50	Cub.Metres		
8	08-60-035	Provide and place A 142 fabric mesh reinforcement fabric	170.00	Sq.Metres		
8	08-60-033	Provide and place class 20/20 concrete for drain lining	42.00	Cub.Metres		
TOTAL BILL 8 CARRIED FORWARD TO SUMMARY						
10	10-50-003	Light Grading of Carriageway including slopes and ditches	60,800.00	Sq.Metres		
TOTAL BILL 10 CARRIED FORWARD TO SUMMARY						
12	12.50.001	Provide, spread and compact cement stabilized gravel for base repairs on failed sections and base to junctions	39.00	Cub.Metres		
TOTAL BILL 12 CARRIED FORWARD TO SUMMARY						
15	15.50.002	Provide and Spray MC 30 cut-back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8-1.2 lts/m2 as prime coat	260.00	Litres		
15	15.50.003a	Provide and spray K-160 as tack coat at a rate of 0.8-1.0 L/sq metre as directed by the Engineer	260.00	L		
TOTAL BILL 15 CARRIED FORWARD TO SUMMARY						
16	16-50-001	Provide, lay and compact AC Type I for repair to potholes and edge repair	13.00	Cub.Metres		
16	16-80-001a	Clearing and cutting of potholes and failed areas	52.00	Cub.Metres		
TOTAL BILL 16 CARRIED FORWARD TO SUMMARY						
20	20-70-006	Provide thermoplastic material for road marking and mark lines on the road as directed by the Engineer	900.00	Sq.Metres		
20	20.70.023a	Provide and install flexibeam guardrails complete with posts, beams and spacers as specified	40.00	Metres		
TOTAL BILL 20 CARRIED FORWARD TO SUMMARY						
25	25-50-029a	Provide, erect, brand, maintain publicity sign and return to the employer upon expiry of the contract period as instructed by the Engineer.	1.00	No.		
TOTAL BILL 25 CARRIED FORWARD TO SUMMARY						

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SUMMARY OF BILLS OF QUANTITIES		
No.	DESCRIPTION	AMOUNT (KSHS)
1	GENERAL: OFFICE ADMINISTRATION AND OVERHEADS/PRELIMINARIES	
4	SITE CLEARANCE	
5	EARTHWORKS	
7	EXCAVATION AND FILLING FOR STRUCTURES	
8	CULVERTS AND DRAINAGE WORKS	
10	GRADING AND GRAVELLING	
12	NATURAL MATERIAL SUBBBASE AND BASE	
15	BITUMINOUS SURFACE TREATMENT & SURFACE DRESSING	
16	BITUMINOUS MIXES	
20	ROAD FURNITURE	
25	CROSS CUTTING ISSUES	
	SUB-TOTAL	
	VAT @ 16%	
	GRAND TOTAL TAKEN TO FORM OF BID	

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Table 5.1: Bills of Quantities

contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES				Road Code	2023-24 UCB5_NKR	
				Section Name	Eldoret .PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KSHs)
Bill. 1 Preliminaries and General						
1	01.80.010	Allow a prime cost of sum for materail testing as directed by the Engineer	PC SUM	30,000.00	1.00	30,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	30,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	50,000.00	1.00	50,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	50,000.00		
1	01.80.038	Provide fuel and maintain with driver,2WD saloon vehicle of petrol engine capacity not less than 1500cc and not more than 2000cc for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	VEH.MONTH	3.00		
Sub Total Carried to Summary of Bills						
Bill. 4 Site Clearance and Topsoil stripping						
4	04.60.005	Demolish and dispose pipe culverts inlet and outlet structures as directed by the engineer	M	15.00		
Sub Total Carried to Summary of Bills						
Bill. 5 Earthworks						
5	05.50.008	Cut to spoil in Soft	M ³	196.00		
Sub Total Carried to Summary of Bills						

KURA/RMLF/SR/112/2023-2024

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Bill. 8 Culvert and Drainage Works						
8	08.60.025	Culvert Installation 600 mm with surround	M	12.00		
8	08.60.032	Provide and place class 15/20 concrete to beds	M ³	2.00		
8	08.50.022a	Open lined drain repairs.	M ²	30.00		
Sub Total Carried to Summary of Bills						
Bill.15 Bituminous Surface Treatment & Surface Dressing						
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	600.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	3.00		
16	16.50.001	Pothole Patching . hot mix	M ³	4.00		
16	16.60.001	Asphaltic concrete (AC) for surfacing	M ³	20.00		
Sub Total Carried to Summary of Bills						
Bill. 20. Road Furniture						
20	20.50.001	Provide and erect road reserve boundary post(size 1.2m x 0.2m x0.2m)	No	5.00		
20	20.70.010	Paint 0.1m wide thermoplastic yellow centreline on the road as specified	M ²	30.00		
20	20.70.011	Paint 0.1m wide thermoplastic white lines on road	M ²	60.00		
Sub Total Carried to Summary of Bills						
Bill. 26. Performance Based Contracts Works						
26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	15.00		
Sub Total Carried to Summary of Bills						

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Summary of Bills			
Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
4	Site Clearance and Topsoil stripping		
5	Earthworks		
8	Culvert and Drainage Works		
15	Bituminous Surface Treatment & Surface Dressing		
16	Bituminous Mixes		
20	Road Furniture		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

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contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES					2023-24	
				Road Code	UCB14_NKR	
				Section Name	General Kariba.PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KShs)
Bill. 1 Preliminaries and General						
1	01.80.010	Allow a prime cost of sum for material testing as directed by the Engineer	PC SUM	30,000.00	1.00	30,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	30,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	50,000.00	1.00	50,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	50,000.00		
Sub Total Carried to Summary of Bills						
Bill.13 Graded Crushed Stone Base and Subbase						
13	13.50.001	Provide, lay and compact GCS for base repair as directed by the Engineer.	M ³	4.00		
Sub Total Carried to Summary of Bills						
Bill. 15. Bituminous Surface Treatment						
15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	36.00		
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	178.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	6.00		
16	16.50.001	Pothole Patching . hot mix	M ³	10.50		
Sub Total Carried to Summary of Bills						

Bill. 26. Performance Based Contracts Works						
26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	14.00		
Sub Total Carried to Summary of Bills						

Summary of Bills			
Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
13	Graded Crushed Stone Base and Subbase		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES					2,023.24	
				Road Code	UCB16_NKR	
				Section Name	Maasai Drive.PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KSHs)

Bill. 1 Preliminaries and General

1	01.80.010	Allow a prime cost of sum for materail testing as directed by the Engineer	PC SUM	50,000.00	1.00	50,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	50,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	80,000.00	1.00	80,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	80,000.00		
1	01.80.038	Provide fuel and maintain with driver,2WD saloon vehicle of petrol engine capacity not less than 1500cc and not more than 2000cc for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	VEH.MONTH	1.00		
Sub Total Carried to Summary of Bills						

Bill. 8 Culvert and Drainage Works

8	08.60.025	Provide,lav and joint pipe culvert of 600mm in diameter with surround.	M	6.00		
8	08.60.032	Provide and place class 15/20 concrete to beds	M ³	1.00		
8	08.60.034	Provide, place and compact class 25/20 concrete to headwalls, wingwalls, aprons, and toe walls to pipe culverts.	M ³	14.00		
8	08.60.035	Provide, place A142 fabric mesh reinforcement for item 08.60.034	M ²	20.00		

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8	08.50.022a	Provide material lay and joint in cement mortar(1:3)dressed natural stone as lining to drain including concrete haunching (1:3:6) at the edge,and pointing to joints.	M ²	300.00		
Sub Total Carried to Summary of Bills						
Bill.13 Graded Crushed Stone Base and Subbase						
13	13.50.001	Provide, lay and compact GCS for base repair as directed by the Engineer.	M ³	2.00		
Sub Total Carried to Summary of Bills						
Bill. 15. Bituminous Surface Treatment						
15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	40.00		
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	503.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	12.00		
16	16.50.001	Pothole Patching . hot mix	M ³	20.00		
16	16.50.004	Crack Sealing	M	500.00		
Sub Total Carried to Summary of Bills						
Bill. 20. Road Furniture						
20	20.50.001	Provide and erect road reserve boundary post(size 1.2m x 0.2m x0.2m)	No	4.00		
20	20.70.010	Paint 0.1m wide thermoplastic yellow centreline on the road as specified	M ²	100.00		
20	20.70.011	Paint 0.1m wide thermoplastic white lines on road	M ²	200.00		
Sub Total Carried to Summary of Bills						

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Bill. 26. Performance Based Contracts Works

26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	22.00		
Sub Total Carried to Summary of Bills						

Summary of Bills

Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
8	Culvert and Drainage Works		
13	Graded Crushed Stone Base and Subbase		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
20	Road Furniture		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

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Contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES					2,023.24	
				Road Code	UCB17_NKR	
				Section Name	Moi Road .PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KSHs)
Bill. 1 Preliminaries and General						
1	01.80.010	Allow a prime cost of sum for material testing as directed by the Engineer	PC SUM	50,000.00	1.00	50,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	50,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	50,000.00	1.00	50,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	50,000.00		
1	01.80.038	Provide fuel and maintain with driver,2WD saloon vehicle of petrol engine capacity not less than 1500cc and not more than 2000cc for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	VEH.MONTH	1.00		
Sub Total Carried to Summary of Bills						
Bill. 8 Culvert and Drainage Works						
8	08.50.022a	Open lined drain repairs	M ²	100.00		
Sub Total Carried to Summary of Bills						
Bill.13 Graded Crushed Stone Base and Subbase						
13	13.50.001	Provide, lay and compact GCS for base repair as directed by the Engineer.	M ³	4.00		
Sub Total Carried to Summary of Bills						
Bill. 15. Bituminous Surface Treatment						
15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	80.00		

15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	900.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	11.00		
16	16.50.001	Pothole Patching . hot mix	M ³	21.00		
16	16.50.004	Crack Sealing	M	445.00		
Sub Total Carried to Summary of Bills						
Bill. 20. Road Furniture						
20	20.50.001	Provide and erect road reserve boundary post(size 1.2m x 0.2m x0.2m)	No	4.00		
20	20.70.010	Paint 0.1m wide thermoplastic yellow centreline on the road as specified	M ²	50.00		
20	20.70.011	Paint 0.1m wide thermoplastic white lines on road	M ²	100.00		
Sub Total Carried to Summary of Bills						
Bill. 25. Cross Cutting Issues						
25	25.50.029a	Provide, erect, brand and maintain publicity sign and return to the employer upon expiry of the contract period as instructed by the Engineer	No	1.00		
Sub Total Carried to Summary of Bills						
Bill. 26. Performance Based Contracts Works						
26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	15.00		
Sub Total Carried to Summary of Bills						

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Summary of Bills			
Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
8	Culvert and Drainage Works		
13	Graded Crushed Stone Base and Subbase		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
20	Road Furniture		
25	Cross cutting Issues		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

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contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES				Road Code	2,023.24	UCB7_NKR
				Section Name	CBD Roads (S.K. Bedi, Moses Mudavadi,Kufanya, Pandit Nehru,George Morara,Court ,Club,Yimbo & Stadium Roads).PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KSHs)
Bill. 1 Preliminaries and General						
1	01.80.010	Allow a prime cost of sum for materail testing as directed by the Engineer	PC SUM	50,000.00	1.00	50,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	50,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	80,000.00	1.00	80,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	80,000.00		
Sub Total Carried to Summary of Bills						
Bill. 8 Culvert and Drainage Works						
8	08.50.022a	Open lined drain repairs	M ²	120.00		
Sub Total Carried to Summary of Bills						
Bill.13 Graded Crushed Stone Base and Subbase						
13	13.50.001	Provide, lay and compact GCS for base repair as directed by the Engineer.	M ³	12.00		
Sub Total Carried to Summary of Bills						
Bill. 15. Bituminous Surface Treatment						

15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	233.00		
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	600.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	19.00		
16	16.50.001	Pothole Patching . hot mix	M ³	31.00		
16	16.50.004	Crack Sealing	M	300.00		
Sub Total Carried to Summary of Bills						
Bill. 26. Performance Based Contracts Works						
26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	72.00		
Sub Total Carried to Summary of Bills						

Summary of Bills			
Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
8	Culvert and Drainage Works		
13	Graded Crushed Stone Base and Subbase		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

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contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTTTIES					2023-24	
				Road Code	UCB_NKR	
				Section Name	Flamingo.PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KSHs)

Bill. 1 Preliminaries and General

1	01.80.026	Allow a prime cost sum for the REs miscellaneuos account	PC SUM	30,000.00	1.00	30,000.00
1	01.80.027	Extra over 01.80.026 for profits and overheads	%	30,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	50,000.00	1.00	50,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	50,000.00		
1	01.80.038	Provide fuel and maintain with driver,2WD saloon vehicle of petrol engine capacity not less than 1500cc and not more than 2000cc for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	VEH.MONTH	1.00		
Sub Total Carried to Summary of Bills						

Bill. 8 Culvert and Drainage Works

8	08.50.022a	Open lined drain repairs.	M ²	80.00		
Sub Total Carried to Summary of Bills						

Bill.13 Graded Crushed Stone Base and Subbase

13	13.50.001	Provide, lay and compact GCS for base repair as directed by the Engineer.	M ³	3.00		
Sub Total Carried to Summary of Bills						

Bill. 15. Bituminous Surface Treatment

15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders,	L	40.00		
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KURA/RMLF/SR/112/2023-2024

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Pam

contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY.KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES					2023-24	
		busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat				
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	1,900.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	6.00		
16	16.50.001	Pothole Patching . hot mix	M ³	7.00		
16	16.50.004	Crack Sealing	M	262.00		
16	16.60.001	Provide,lay and compact 35mm AC Type 1 as regulation layer for the whole section as wearing course	M ³	56.00		
Sub Total Carried to Summary of Bills						
Bill. 20. Road Furniture						
20	20.50.012	Excavate for,provide and place 100x125mm 25/20 precast concrete flash kerbs haunched in 100mm thick class 25/20 concrete base bedding and mortar joined in support to carriageway,busbays,and junctions as directed by the Engineer	M	200.00		
20	20.70.010	Paint 0.1m wide themoplastic yellow centreline on the road as specified	M ²	30.00		
20	20.70.011	Paint 0.1m wide themoplastic white lines on road	M ²	60.00		
Sub Total Carried to Summary of Bills						
Bill. 26. Performance Based Contracts Works						
26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	11.00		
Sub Total Carried to Summary of Bills						

Summary of Bills			
Bill No.	DESCRIPTION	Amount (Kshs)	Cts
1	Preliminaries and General		
8	Culvert and Drainage Works		
13	Graded Crushed Stone Base and Subbase		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
20	Road Furniture		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

Pan

contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY .KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES					2,023.24	
				Road Code	UCB_NKR	
				Section Name	Mashindano.PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KSHs)
Bill. 1 Preliminaries and General						
1	01.80.010	Allow a prime cost of sum for material testing as directed by the Engineer	PC SUM	50,000.00	1.00	50,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	50,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	350,000.00	1.00	350,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	350,000.00		
Sub Total Carried to Summary of Bills						
Bill. 5 Earthworks						
5	05.50.008	Cut to spoil	M ³	200.00		
Sub Total Carried to Summary of Bills						
Bill. 8 Culvert and Drainage Works						
8	08.50.022a	Open lined drain repairs.	M ²	45.00		
Sub Total Carried to Summary of Bills						
Bill. 26. Performance Based Contracts Works						
26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM-Month	20.00		
Sub Total Carried to Summary of Bills						

Buy

Summary of Bills			
Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
5	Earthworks		
8	Culvert and Drainage Works		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

RM

contract Name		PERFORMANCE BASED MAINTENANCE OF PACKAGE 19 ROADS IN NAKURU CITY .KURA/RMLF/SR/112/2023.2024			South Rift Valley	
REHABILITATION WORKS BILSL OF QUANTITIES					2,023.24	
				Road Code	UCB_NKR	
				Section Name	Mariakani Road.PBC	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KShs)
Bill. 1 Preliminaries and General						
1	01.80.026	Allow a prime cost sum for the REs miscellaneous account	PC SUM	40,000.00	1.00	40,000.00
1	01.80.027	Extra over 01.80.026 for profits and overheads	%	40,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	30,000.00	1.00	30,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	30,000.00		
Sub Total Carried to Summary of Bills						
Bill.4 Site Clearance and Top soil stripping						
4	04.60.005	Demolish and dispose pipe culverts inlet and outlet structures as directed by the engineer	M	20.00		
Sub Total Carried to Summary of Bills						
Bill. 8 Culvert and Drainage Works						
8	08.60.025	Provide, lay and joint pipe culvert of 600mm in diameter with surround.	M	10.00		
8	08.60.032	Provide and place class 15/20 concrete to beds	M ³	2.00		
8	08.60.033	Provide, place and compact class 25/20 concrete to headwalls, wingwalls, aprons, and toe walls to pipe culverts.	M ³	2.00		
8	08.60.035	Provide, place A142 fabric mesh reinforcement for item 08.60.033	M ²	20.00		
8	08.50.032	Provide material lay and joint in cement mortar(1:3)dressed natrural stone as lining to drain including concrete haunching (1:3:6) at the edge,and ponting to joints.	M ²	158.00		
Sub Total Carried to Summary of Bills						

Bill.13 Graded Crushed Stone Base and Subbase

13	13.50.001	Provide, lay and compact GCS for base repair as directed by the Engineer.	M ³	2.00		
Sub Total Carried to Summary of Bills						

Bill. 15. Bituminous Surface Treatment

15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	24.00		
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	100.00		
Sub Total Carried to Summary of Bills						

Bill. 16. Bituminous Mixes

16	16.50.001a	Clearing and cutting of potholes and failed areas	M ³	2.00		
16	16.50.001	Pothole Patching . hot mix	M ³	3.00		
Sub Total Carried to Summary of Bills						

Bill. 26. Performance Based Contracts Works

26	26.50.006	Performance based routine maintenance on and off carriageway paved	KM- Month	7.0		
Sub Total Carried to Summary of Bills						



Summary of Bills			
Bill No.	DESCRIPTION	Amount(Kshs)	Cts
1	Preliminaries and General		
8	Culvert and Drainage Works		
13	Graded Crushed Stone Base and Subbase		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
26	Performance Based Maintenance Works		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

SUMMARY BY ROAD (REHABILITATION WORKS BILLS OF QUANTITIES)		
S/NO	ROAD NAME	AMOUNT (KSHS)
1	Eldoret -PBC	
2	General Kariba-PBC	
3	Maasai Drive-PBC	
4	Moi Road -PBC	
5	CBD Roads (S.K. Bedi, Moses Mudavadi, Kufanya, Pandit Nehru, George Morara, Court, Club, Yimbo & Stadium Roads)-PBC	
6	Flamingo-PBC	
7	Mashindano-PBC	
8	Mariakani Road-PBC	
Grand Total carried Forward to page on the form of Bid		

Day

contract Name		PERIODIC MAINTENANCE OF KALEWA ROAD AND LOWER MOMBASA ROAD IN NAKURU CITY (PACKAGE 7.ALL))			South Rift Valley	
BILL OF QUANTITIES					2023-24	
				Road Code	UCB_Nkr	
				Section Name	Kalewa Road.	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount(KShs)
Bill. 1 Preliminaries and General						
1	01.80.010	Allow a prime cost of sum for material testing as directed by the Engineer	PC SUM	100,000.00	1.00	100,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	100,000.00		
1	01.80.030	Allow a prime cost sum for attendance to the REs supervisory staff including overtime	PC SUM	500,000.00	1.00	500,000.00
1	01.80.031	Extra over 01.80.030 for profits and overheads	%	500,000.00		
1	01.80.042D	Allow for prime cost sum for survey works	PC SUM	1.00	50,000.00	50,000.00
1	01.80.038	Provide fuel and maintain with driver, 2WD saloon vehicle of petrol engine capacity not less than 1500cc and not more than 2000cc for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	VEH.MONTH	4.00		
Sub Total Carried to Summary of Bills						
Bill.4 Site Clearance and Top soil stripping						
25	25.50.030	Allow a prime cost of sum for removal and reinstatement of services	PC SUM	100,000.00	1.00	100,000.00
25	25.50.031	Extra over item 01.80.012 for contractors overheads and profits	%	100,000.00		
Bill. 5 Earthworks						
5	05.50.008	Cut to spoil in Soft	M ³	2,160.00		
5	05.50.006	Fill in soft material and compact	M ³	405.00		
5	05.50.007	Fill in hard material and compact	M ³	270.00		
5	05.50.016	Scarify water and compact existing ground to at least 95%MDD(AASHTO T99) to a depth of 150mm below ground level.	M ³	405.00		

5	05.60.017	Selected materials for improved sub grade of minimum soils class S3 (CBR 10): dump, spread, water, mix and compact to 100% (MDD AASHTO T.99) as per specification	M ³	405.00		
Sub Total Carried to Summary of Bills						
Bill. 8 Culvert and Drainage Works						
8	08.50.022a	Excavate for, provide material lay and joint in cement mortar(1:3)dressed natural stone as lining to drain including concrete haunching (1:3:6) at the edge, and pointing to joints.	M ²	1,440.00		
8	08.60.025	Excavate for, Provide, lay and joint pipe culvert of 600mm in diameter with surround.	M	42.00		
8	08.60.032	Provide and place class 15/20 concrete to beds	M ³	10.00		
8	08.60.034	Provide, place and compact class 25/20 concrete to headwalls, wingwalls, aprons, and toe walls to pipe culverts.	M ³	7.00		
8	08.60.035	Provide, place A142 fabric mesh reinforcement for item 08.60.019a	M ²	86.00		
Sub Total Carried to Summary of Bills						
Bill.12 Subbase and Base Materials						
12	12.50.001	Provide, lay and compact Hand packed stone material including fillings voids with stone dust as directed by the Engineer.	M ³	270.00		
12	12.50.003	Provide, place and spread natural gravel for subbase	M ³	500.00		
Sub Total Carried to Summary of Bills						
Bill. 15. Bituminous Surface Treatment						
15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	2,250.00		
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	2,250.00		
Sub Total Carried to Summary of Bills						
Bill. 16. Bituminous Mixes						
16	16.60.001	Provide, lay and compact 50mm AC Type1 as overlay layer for the whole section as wearing course	M ³	90.00		
		Provide, lay and compact 35mm AC Type1 as overlay layer for	M ³	12.00		

		walkway section as wearing course				
Sub Total Carried to Summary of Bills						
Bill. 20. Road Furniture						
20	20.50.012	Excavate for, provide and place 250x125mm 25/20 precast concrete raised or ramped kerbs haunched in 100mm thick class 25/20 concrete base bedding and mortar joined in support to carriageway, busbays, and junctions as directed by the Engineer	M	600.00		
		Excavate for, provide and place 100x125mm 25/20 precast concrete raised or ramped kerbs haunched in 100mm thick class 25/20 concrete base bedding and mortar joined in support to carriageway, busbays, and junctions as directed by the Engineer	M	200.00		
20	20.70.010	Paint 0.1m wide thermoplastic yellow centerline on the road as specified	M ²	30.00		
20	20.70.011	Paint 0.1m wide thermoplastic white lines on road	M ²	60.00		
Sub Total Carried to Summary of Bills						
Bill. 25. Cross Cutting Issues						
25	25.50.029	Provide, erect, brand and maintain publicity sign and return to the employer upon expiry of the contract period as instructed by the Engineer	No	1.00		
Sub Total Carried to Summary of Bills						

DM

Summary of Bills			
Bill No.	DESCRIPTION	Amount (Kshs)	Cts
1	Preliminaries and General		
4	Site Clearance and Top soil stripping		
5	Earthworks		
8	Culvert and Drainage Works		
12	Subbase and Base Materials		
15	Bituminous Surface Treatment		
16	Bituminous Mixes		
20	Road Furniture		
25	Cross cutting issues		
	Sub Total		
	VAT @ 16%		
	Grand Total for the Road Carried to Summary by Road.		

RM

contract Name		PERIODIC MAINTENANCE OF PACKAGE 24 ROADS IN NAKURU CITY			South Rift Valley	
BILL OF QUANTITIES					2023-24	
				Nakuru		
			Section Name	FLAMINGO AGAPE		
			UNIT		Unit Bid RATE (KShs)	Amount (KSHs)
Bill No.	ITEM CODE	DESCRIPTION		Quantity		
	BILL 1	Preliminary and Generals				
1	01.80.010	Allow a prime cost of sum for material testing as directed by the Engineer	PC SUM	50,000.00	1.00	50,000.00
1	01.80.011	Extra over item 01.80.010 for contractors overheads and profits	%	50,000.00		
1	01.80.026	Allow a prime cost sum for the REs miscellaneous account	PC SUM	150,000.00	1.00	150,000.00
1	01.80.027	Extra over 01.80.026 for profits and overheads	%	150,000.00		
1	01.80.030	Allow a prime cost for attendance to the RE,s supervisory staff including overtime	PC SUM	200,000.00	1.00	200,000.00
1	01.80.031	Include percentage of PC sum in item 01.80.030 for contractors overhead and profit	%	200,000.00		
1	01.80.042D	Allow for prime cost sum for survey works	PC SUM	50,000.00	1.00	50,000.00
1	01.80.042E	Include Percentage cost Sum in Item01.80.042D	%	50,000.00		
		Total Of Bill Carried Forward to Summary				
	BILL 4	Site Clearance				
4	04.60.001	Clear site on road reserve including removal of trees, hedges, bushes and other vegetation or deteriorous organic material, grub up roots and back fill to 100% MDD (AASHTO T99) with approved material in accordance with the specification	M²	4,000.00		
4	04.60.005	Demolish and dispose pipe culverts inlet and outlet structures as directed by the engineer	M	50.00		
		Total Of Bill Carried Forward to Summary				
	BILL 5	Earth Works				
5	05.50.006	Fill in soft material and compact	M³	360.00		
5	05.50.007	Fill in hard material and compact	M³	50.00		
5	05.50.008	Cut to spoil in Soft	M³	1,200.00		
5	05.50.016	Scarify water and compact existing ground to at least 95%MDD(AASHTO T99) to a depth of 150mm below ground level.	M³	360.00		

5	05.60.017	Selected materials for improved sub grade of minimum soils class S3 (CBR 10): dump, spread, water, mix and compact to 100% (MDD AASHTO T.99) as per specification	M ³	360.00		
Total Of Bill Carried Forward to Summary						
BILL 7						
Excavation and filling for structures						
7	07.50.001	Excavate for structure in soft material	M ³	500.00		
7	07.70.001	Provide material lay and joint in cement mortar(1:3)dressed natural stone as lining to drain including concrete haunching (1:3:6) at the edge,and pointing to joints.	M ²	620.00		
Total Of Bill Carried Forward to Summary						
Bill 8						
Culvert And Drainage Works						
8	08.60.003	Culvert Cleaning. Partially blocked . 600mm	M	10.00		
8	08.60.025	Culvert Installation 600 mm with surround	M	64.00		
8	08.60.032	Provide, place and compact class 15/20 concrete	M ³	40.00		
8	08.60.034	Provide place and compact class 25/20 concrete to headwalls, wingwalls, aprons and toe walls to pipe culverts; and slabs on drains, including form work.	M ³	30.00		
Total Of Bill Carried Forward to Summary						
BILL 12 Natural Material Base And Subbase						
12	12.50.001	Provide, lay and compact Hand packed stone material including fillings voids with stone dust as directed by the Engineer.	M ³	270.00		
12	12.50.003	Provide, place, spread and compact natural gravel for subbase	M ³	315.00		
Total Of Bill Carried Forward to Summary						
BILL 20 Road Furniture						
20	20.50.012	Excavate for, provide and place 250x125mm class 25/20 precast concrete straight raised kerbs haunched in 100mm thick class 15/20 concrete base bedding and mortar joined in support to carriageaways, bus bays and junctions as directed by the Engineer	M	600.00		
Total Of Bill Carried Forward to Summary						
BILL 25 :CROSS CUTTING ISSUES						
25	25.50.029a	Provide, erect, brand and maintain publicity signs and return to the employer upon expiry of the contract period as instructed by the Engineer	NO	1.00		
Total Carried Forward to Summary						

Rm

SUMMARY OF BILLS		
	DESCRIPTION	Amount (KSHs)
1	Preliminary and Generals	
4	Site Clearance	
5	Earth Works	
7	Excavation and filling for structures	
8	Culvert And Drainage Works	
12	Natural Material Base And Subbase	
20	Road Furniture	
25	Cross Cutting Issues	
	Sub Total	
	VAT @ 16%	
	Grand Total carried Forward to Summary on Road	



SUMMARY BY ROAD		
S/NO	ROAD NAME	AMOUNT (KSHS)
1	Kalewa Road	
2	Flamingo Agape Road	
Grand Total carried Forward to page on the form of Bid		

RM

contract Name		PERIODIC MAINTENANCE OF BOMET COUNTY TROADS ROADS (PACKAGE 9) /KURA/RMALF/SR/102/2023-2024			South Rift Valley 2023-2024	
BILL OF QUANTITIES		Road Code			UCB 2.BOM	
		Section Name			Kapsanguru.Kapkwen	
Bill No.	ITEM CODE	DESCRIPTION	UNIT	Quantity	Unit Bid RATE (KShs)	Amount (KShs)
BILL 1 GENERAL: PRELIMINARY AND ADMINISTRATION OVERHEADS						
1	01.80.026	Allow a prime cost sum for the REs miscellaneous account	PC SUM	100,000.00	1.00	100,000.00
1	01.80.027	Extra over 01.80.026 for profits and overheads	%	100,000.00		
1	01.80.030	Allow a prime cost for attendance to the RE,s supervisory staff including overtime	PC SUM	400,000.00	1.00	400,000.00
1	01.80.031	Include percentage of PC sum in item 01.80.030 for contractors overhead and profit	%	400,000.00		
		Total of Bill Carried Forward to Summary				
	BILL 4	Site Clearance				
4	04.50.004	Light bush clearing	M²	9,000.00		
		Total of Bill Carried Forward to Summary				
	BILL 5	Earth Works				
5	05.50.008	Cut to spoil in Soft materials	M³	1,650.00		
5	05.50.006	Fill in soft materials and compact	M³	120.00		
5	05.50.007	Fill in hard material and compact	M³	240.00		
5	05.60.017	Selected materials for improved sub grade of minimum soils class S3 (CBR 10): dump, spread, water, mix and compact to 100% (MDD AASHTO T.99) as per specification	M³	640.00		
5	05.50.016	Scarify water and compact existing ground to at least 95%MDD(AASHTO T99) to a depth of 150mm below ground level.	M³	480.00		
		Total of Bill Carried Forward to Summary				
BILL 8 :CULVERTS & DRAINAGE WORKS						
8	08.60.003	Culvert Cleaning. Partially blocked . 600mm	M	20.00		
8	08.50.002	Open lined drain cleaning	M	300.00		
8	08.60.025	Culvert Installation 600 mm with surround	M	40.00		
8	08.60.032	Provide and place class 15/20 concrete to beds	M³	10.00		
8	08.60.034	Provide place and compact class 25/20 concrete to headwalls, wingwalls, aprons and toe walls to	M³	15.00		



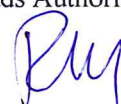
		pipeculverts; and slabs on drains, including form work.				
		Total of Bill Carried Forward to Summary				
BILL 10 :GRADING AND GRAVELLING WORKS						
10	10.50.003	Light grading	M ²	40,000.00		
		Total of Bill Carried Forward to Summary				
BILL 12 :NATURAL MATERIAL BASES & SUBBASE						
12	12.50.001	Provide, lay and compact Hand packed stone material including fillings voids with stone dust as directed by the Engineer.	M ³	360.00		
12	12.50.003	Provide, place, spread and compact natural gravel for subbase	M ³	420.00		
		Total of Bill Carried Forward to Summary				
Bill. 15. Bituminous Surface Treatment						
15	15.50.002	Provide and Spray MC 30 cut.back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8.1.2 lts/m2 as prime coat	L	2,400.00		
15	15.50.003	Provide and spray K.160 as tack coat at a rate of 0.8.1.0 L/sq metre as directed by the Engineer	L	2,430.00		
		Total of Bill Carried Forward to Summary				
Bill. 16. Bituminous Mixes						
16	16.60.001	Provide,lay and compact 50mm AC Type I as overlay layer for the whole section as a wearing course	M ³	121.50		
		Total of Bill Carried Forward to Summary				
Bill. 20. Road Furniture						
20	20.50.011	Provide, lay and joint kerbs, 125mm x 100mm Channels	m	650.00		
20	20.70.005	Provide and erect permanent road signs where instructed by the Resident Engineer and in accordance with Special Specifications Clause 2004 as follows				
		a) Warning signs	No.	2.00		
		b) Proirity prohibitory and mandatory signs	No.	1.00		
20	20.70.010	Paint 0.1M wide thermoplastic yellow centreline on the road	M ²	60.00		
20	20.70.011	Paint 0.1M wide thermoplastic white centreline on the road	M ²	30.00		
		Total of Bill Carried Forward to Summary				

RM

SUMMARY OF BILLS OF QUANTITIES		
BILL NO.	ITEM DESCRIPTION	Amount (Kshs)
1	PRELIMINARY AND ADMINISTRATION OVERHEADS	
4	SITE CLEARANCE	
5	EARTHWORKS	
8	CULVERTS & DRAINAGE WORKS	
10	GRADING AND GRAVELLING WORKS	
12	NATURAL MATERIAL BASES & SUBBASE	
15	Bituminous Surface Treatment	
16	Bituminous Mixes	
20	ROAD FURNITURE AND REPAIR	
	SUB.TOTAL 1	
	Add 16% of Sub-Total 1 for Value Added Tax to be reimbursed in certificates against receipts.	
	Grand Total carried Forward to Summary By Road	

DW

contract Name		PERIODIC MAINTENANCE OF BOMET COUNTY TROADS ROADS (PACKAGE 9) /KURA/RMALF/SR/102/2023-2024			South Rift Valley 2023-2024	
BILL OF QUANTITIES		Road Code		UCBI -Bom		
		Section Name		Kapkwen-Kapsimotwo Silibwet		
			UNIT		Unit Bid RATE (KShs)	Amount (KSHs)
Bill No.	ITEM CODE	DESCRIPTION		Quantity		
BILL 1 GENERAL :PRELIMINARY AND ADMINISTRATION OVERHEADS						
1	01.80.021	Provide fuel and maintain with driver,4WD station wagon (adometer:0 - 100000) of engine capacity 2500cc for exclusive use by the Engineer inclusive of the first 4,000km per vehicle month in accordance with clause 138 of special specification.	VEH.MONTH	3.00		
1	01.80.010	Allow a prime cost of sum for material testing as directed by the Engineer	PC SUM	100,000.00	1.00	100,000.00
1	01.80.011	Extra over item 01-80-010 for contractors overheads and profits	%	100,000.00		
1	01.80.030	Allow a prime cost for attendance to the RE,s supervisory staff including overtime	PC SUM	250,000.00	1.00	250,000.00
1	01.80.031	Include percentage of PC sum in item 01-80-030 for contractors overhead and profit	%	250,000.00		
		Total of Bill Carried Forward to Summary				
	BILL 4	Site Clearance				
4	04.50.004	Light bush clearing	M ²	41,600.00		
		Total Of Bill Carried Forward to Summary				
	BILL 5	Earth Works				
5	05.50.008	Cut to spoil in Soft materials	M ³	100.00		
		Total Of Bill Carried Forward to Summary				
	BILL 7	Excavation and filling for structures				
7	07.50.001	Excavate for structure in soft material	M ³	300.00		
7	07.70.001	Excavate for, provide material lay and joint in cement mortar(1:3)dressed natural stone as lining to drain including concrete haunching (1:3:6) at the edge, and pointing to joints.	M ²	900.00		
		Total Of Bill Carried Forward to Summary				
BILL 8 :CULVERTS & DRAINAGE WORKS						
8	08.60.003	Culvert Cleaning- Partially blocked - 600mm	M	188.00		
8	08.50.002	Open lined drain cleaning	M	6,000.00		
8	08.60.025	Culvert Installation 600 mm with surround	M	20.00		
8	08.60.032	Provide and place class 15/20 concrete to beds	M ³	50.00		



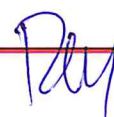
8	08.60.34	Provide place and compact class 25/20 concrete to headwalls, wingwalls, aprons and toe walls to pipe culverts; and slabs on drains, including form work.	M ³	5.00		
		Total Of Bill Carried Forward to Summary				
BILL 12 :NATURAL MATERIAL BASES & SUBBASE						
12	12.50.001	Provide, lay and compact Hand packed stone material including fillings voids with stone dust as directed by the Engineer.	M ³	100.00		
		Total Of Bill Carried Forward to Summary				
Bill. 15. Bituminous Surface Treatment						
15	15.50.002	Provide and Spray MC 30 cut-back bitumen as prime coat to carriageway, shoulders, busbays and junctions at rate 0.8-1.2 lts/m ² as prime coat	L	200.00		
15	15.50.003	Provide and spray K-160 as tack coat at a rate of 0.8-1.0 L/sq metre as directed by the Engineer	L	1,900.00		
		Total Of Bill Carried Forward to Summary				
Bill. 16. Bituminous Mixes						
16	16.50.001	Pothole Patching - hot mix	M ³	55.00		
16	16.60.001	Provide, lay and compact 50mm AC Type I as overlay layer for the whole section as a wearing course	M ³	40.00		
		Total Of Bill Carried Forward to Summary				
Bill. 20. Road Furniture						
20	20.50.012	Excavate for, provide and place 250x125mm class 25/20 precast concrete straight raised kerbs haunched in 100mm thick class 15/20 concrete base bedding and mortar joined in support to carriageaways, bus bays and junctions as directed by the Engineer	M	500.00		
20	20.50.011	Excavate for, provide and place 125mm x 100 mm precast concrete straight channels in support to carriageway	M	1,000.00		
20	20.70.005	Provide and erect permanent road signs where instructed by the Resident Engineer and in accordance with Special Specifications Clause 2004 as follows				
		a) Warning signs	No.	2.00		
		b) Priority prohibitory and mandatory signs	No.	1.00		
20	20.70.010	Faint 0.1M wide thermoplastic yellow centreline on the road	M2	200.00		



20	20.70.011	Paint 0.1M wide thermoplastic white centreline on the road	M2	100.00		
		Total Of Bill Carried Forward to Summary				
Bill. 25. Cross Cutting Issues						
25	25.50.029a	Fabricate, erect, brand and maintain publicity signs and return to the employer upon expiry of the contract period as instructed by the Engineer	No.	1.00		
		Total Of Bill Carried Forward to Summary				

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SUMMARY OF BILLS OF QUANTITIES		
BILL NO.	ITEM DESCRIPTION	Amount (Kshs)
1	PRELIMINARY AND ADMINISTRATION OVERHEADS	
4	SITE CLEARANCE	
5	EARTHWORKS	
7	EXCAVATION AND FILLING FOR STRUCTURES	
8	CULVERTS & DRAINAGE WORKS	
12	NATURAL MATERIAL BASES & SUBBASE	
15	Bituminous Surface Treatment	
16	Bituminous Mixes	
20	ROAD FURNITURE AND REPAIR	
25	CROSS CUTTING ISSUES	
	SUB-TOTAL 1	
	Add 16% of Sub-Total 1 for Value Added Tax to be reimbursed in certificates against receipts.	
	Grand Total carried Forward to Summary By Road	



SUMMARY BY ROAD		
S/NO	ROAD NAME	AMOUNT (KSHS)
1	Kapsanguru-Kapkwen	
2	Kapkwen-Kapsimotwo Silibwet	
Grand Total carried Forward to page on the form of Bid		



Road Name MARSABIT BYPASS ROAD					
Bill of Quantities					
Bill No.4	SITE CLEARANCE				
Item No.	Description	Units	Quantity	Unit Bid Rate (Kshs)	Amount (Kshs.)
04.60.001	Site Clearance Clear site on road reserve including removal of trees, hedges, bushes and other vegetation and other deleterious materials, grub up roots and backfilling of holes left by removal of stumps and roots in accordance with the Specifications, as shown in drawings and as directed by Engineer	M ²	8,400		
04.80.002	Topsoil Stripping Removal of top soil to a maximum depth of 200 mm including excavation, loading and disposal as directed by the Engineer.	M ³	1,500		
04.60.005	Removal of cracked small pipe culverts below 600mm	M	10		
04.90.001	Allow a Prime Cost of Kshs 100,000.00 for removal and relocation/reinstatement of services	PC SUM	1,000,000.00	1	1,000,000.00
04.90.001a	Extra over on item 04.90.001 for contractors' overheads and profits	%	1,000,000		
	Total Carried Forward to Summary:				

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SUMMARY OF BILLS OF QUANTITIES		
BILL NO.	DESCRIPTION	AMOUNT (SHS.)
1	GENERAL	
5	EARTHWORKS	
7	EXCAVATION AND FILLING FOR STRUCTURES	
8	CULVERTS AND DRAINAGE WORKS	
9	PASSAGE OF TRAFFIC	
12	NATURAL MATERIAL SUBBBASE AND BASE	
15	BITUMINOUS SURF. TREAT. & S DRESSING	
16	BITUMINOUS MIXES	
20	ROAD FURNITURE	
22	DAY WORKS	
25	CROSS CUTTING ISSUES	
A	Sub-total 01	
B	Add 16% of Sub-total 01 for VAT.	
C	Grand Total Carried Forward to Form of Bid (A+B)	

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