



KENYA URBAN ROADS AUTHORITY

Efficient and safe urban roads

Barabara Plaza, Mazao Road - Off South Airport Road, JKIA

Tel: 254-020-8013844 / 254-717-105233

Email: info@kura.go.ke Web: www.kura.go.ke

P.O. Box 41727-00100, GPO, NAIROBI

Ref. No. KURA/EO/SCM/Vol.28 (79)

Date: 6th August, 2021

To All Bidders

**RE: ROUTINE /PERIODIC /PERFORMANCE BASED CONTRACT TENDERS FY
2021-2022 - ADDENDUM NO. 1**

Reference is made to the above subject matter.

This is to notify all bidders that an addendum has been issued for the tenders below:

S/NO	TENDER NO.	TENDER NAME	AMENDMENT
1	KURA/RMLF/CE/010/2021-2022	PERIODIC MAINTENANCE KAMAKWA- GATTITU(C502/TETU- GITATHINI-RIAMUKURWE- GATTITU-B21/C515 JUNCTION ROADS IN NYERI MUNICIPALITY: LOT 5	Replace pages 21 & 22
2	KURA/RMLF/CE/013/2021-2022	PERIODIC MAINTENANCE B27 - ST MICHAELS ACADEMY - EFFORT ACADEMY TO C527 LOOP ROADS IN KERUGOYA MUNICIPALITY, KIRINYAGA COUNTY: LOT 8	Replace cover page Insert page 113
3	KURA/RMLF/CE/015/2021-2022	PERIODIC MAINTENANCE KARATINA – RAGATI – HOSPITAL – MUWASCO – A2 ROADS IN KARATINA MUNICIPALITY, NYERI COUNTY: LOT 10	Replace cover page Replace page 119
4	KURA/RMLF/CE/016/2021-2022	PERIODIC MAINTENANCE OF A2/BLUE POST BRIDGE- TRIKHA GIRLS-WORKSHOP ROAD-GATTITU ROAD –A3 ROADS, IN THIKA MUNICIPALITY KIAMBU COUNTY: LOT 11	Replace ITT- PARTICULARS OF APPENDIX TO INSTRUCTION TO TENDER

S/NO	TENDER NO.	TENDER NAME	AMENDMENT
5	KURA/RMLF/NZ/201/2021-2022	PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 18 ROADS (KISII URBAN AREA)	Replace cover page
6	KURA/RMLF/NZ/204/2021-2022	PERIODIC MAINTENANCE OF LOT 21 ROADS (KISII URBAN AREA)	Replace pages 114, 115 and 116.
7	KURA/RMLF/UE/161/2021-2022	PERFORMANCE BASED ROUTINE MAINTENANCE FOR MERU CBD ROADS IN MERU COUNTY- LOT 2	Replace pages 58
8	KURA/RMLF/UE/166/2021-2022	ROUTINE MAINTENANCE OF NEW KMTC – KANWA ROADS; THARAKA NITHI COUNTY: LOT 7	Replace page 115
9	KURA/RMLF/UE/169/2021-2022	PERIODIC MAINTENANCE OF CHUKA TOWN ROADS (G.K ROAD; THARAKA NITHI COUNTY: LOT 10	Replace page 114 to 121
10	KURA/RMLF/UE/178/2021-2022	ROUTINE MAINTENANCE LMD JUNCTION A2 (GK PRISON) ROAD ; ISIOLO COUNTY: LOT 19	Replace page 114
11	KURA/RMLF/UE/179/2021-2022	PERIODIC MAINTENANCE OF HOSPITAL ROAD; ISIOLO COUNTY: LOT 20	Replace pages 114 to 120
12	KURA/RMLF/COR/114/2021-2022	PERFORMANCE BASED ROUTINE MAINTENANCE LORETO CONVENT MBS - SANTOK BEN, LIKONI - MOMBASA HOSP LINK, GANJONI LOOP, HAILE SELASSIE AVENUE; LOT 3 MOMBASA COUNTY	Replace page 54, 57 - 65
13	KURA/RMLF/COR/115/2021-2022	PERFORMANCE BASED ROUTINE MAINTENANCE LIKONI - MEMON HIGH, ABUHURERA ACADEMY - VALENTINE, B8 - ABUHURERIA ACADEMY; LOT 4 MOMBASA COUNTY	Replace page 54,57-63

S/NO	TENDER NO.	TENDER NAME	AMENDMENT
14	KURA/RMLF/COR/134/2021-2022	ROUTINE MAINTENANCE KILIFI DIST HOSP – B8, KEMRI KILIFI – TEZO,MAJENGI – BARANI PRI SCHOOL; LOT 24 KILIFI COUNTY	Replace page 114-120
15	KURA/RMLF/WE/100/2021-2022	PERIODIC MAINTENANCE OF SHITUHUMI-LUKOYE ROAD IN MUMIAS SUB-COUNTY, LOT 10	The budget is Kshs. 14,656,995.97
16	LOWER EASTERN REGION	ALL LOWER EASTERN REGION TENDERS	SUBMISSION/OPENING CENTRE Deputy Director (Regional Urban Road Coordination) P.O. Box 2605-90100 MACHAKOS
17	KURA/RMLF/NRB/087/2021-2022	PERIODIC MAINTENANCE OF KIKUYU ROAD LOT 18	Replace page 30
18	Note: The evaluation criteria provided for in all the other tender documents applies.		

The closing/submission date remains **13th August 2021 at 10.00 a.m.** while the opening date remains **16th August 2021 at 10.00 a.m.** as indicated in the tender notice. Details of the addendum can be accessed on www.kura.go.ke.


Saadia H. Adankhalif

Deputy Director - SCM

FOR: DIRECTOR GENERAL

PERFORMANCE BASED ROUTINE MAINTENANCE LOT 3 ROADS-MOMBASA COUNTY-ADDENDUM 1

A. Bill of Quantities and Unit Prices for Maintenance Services

[To be completed by the tenderer]

Price No.	Description of Service and Price	Unit Price
		In (Kshs)
1.	Unit Price per kilometer per month.	
	This price is the full remuneration to the Contractor to carry out the services and works required in order to reach and maintain the services levels described in the Specifications and elsewhere in the contract. It further includes the activities of the Contractor related to self-control, quality assurance and material testing. The Unit Price per kilometer and month is: i. Project Road section: All Roads..... [Note: There may either be one-unit price for all roads or road sections included in the contract, or different prices for different roads.]	

A.2 Bill of Quantities for Maintenance Services and their Prices

2 BILL OF QUANTITIES FOR MAINTENANCE SERVICES AND THEIR PRICES					
Price No.	Road or road section	Length (km)	Service Level	Unit Price per kilometer and month	Total Price
2	Monthly lump sum payment				
2a	Loreto Convent Mbs - Santok Ben	1.8	100%		
2b	Likoni - Mombasa Hosp Link	3.2	100%		
2c	Ganjoni Loop	1.4	100%		
2d	Haile Selasie Avenue	1	100%		
A) SUB-TOTAL per month:		7.444			
Number of Months					12
B) SUB-TOTAL (Subtotal A x No. of Months) :					
C) Add 16% of Sub-total (B) for VAT					
D) Total (Add B+C) Carried to Form of Tender:					

KURA/RMIF/COR/114/2021-2022

Table 5.1: Rehabilitation Works Bills of quantities
LOT 3: Bills of quantities

Road Code	UCB17-MSA				
GANJONI LOOP					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-026	Allow for RE's miscellaneous account	ITEM	KSHS		100,000.00
01-80-027	Extra over 01-80-026 for profits and overheads	%			
08-50-015	Gulley pot construction	NO	2		
08-50-018	Provide and fix Composite Gulley pot frame and cover of 450 x 450 mm	NO	5		
08-50-024	Manhole construction	NO	1		
08-50-026	Manhole Repairs	NO	1		
08-50-030	Manhole covers construction/replacement	NO	1		
08-90-009	Provide and place class 25/20 concrete	M ³	5		
11-50-003	Provide, place and compact natural gravel to walkways	M ³	68.70		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	12		
16-50-001	Provide, place and compact 50mm thick asphalt concrete Type 1 (20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	10		
16-80-003	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	200		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	10		

PERFORMANCE BASED ROUTINE MAINTENANCE LOT 3 ROADS-MOMBASA COUNTY-ADDENDUM 1

Road Code	UCB17-MSA				
GANJONI LOOP					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
20-70-016	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	50		
23-50-005	Provide, lay and compact Red Colored 60mm thick concrete paving blocks with 35 N/mm ² cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 25 mm thick compacted sand bed	M ²	60		
25-50-029	Collect, erect, brand and maintain publicity signs and return to the employer upon expiry of the contract period as instructed by the Engineer	NO.	1		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

Road Code	K7_MOMBASA				
HAILE SELASIE AVENUE					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-007	Allow for Engineer's Office furniture and laboratory equipment as instructed by the Engineer	ITEM	KSHS		200,000.00
01-80-008	Extra over item 01-80-007 for contractors overheads and profits	%			
01-80-030	Allow for attendance to the RE,s supervisory staff including overtime	ITEM	KSHS		200,000.00
01-80-031	Include percentage on item 01-80-030 for contractors overhead and profit	%			
01-80-057	Provide & maintain Engineer's survey equipment as listed in the special specifications and as instructed by the Engineer	PC Sum	50,000.00		50,000.00
05-50-008	Cut to spoil in Soft Material	M ³	100		
08-50-015	Gulley pot construction	NO	3		
08-50-018	Provide and fix Composite Gulley pot cover of 450 x 450 mm	NO	6		
08-50-019	Provide and fix Composite Gulley pot frame of 450 x 450 mm internal dimension	NO	6		
08-50-024	Manhole construction	NO	1		
08-50-026	Manhole Repairs	NO	1		
08-50-030	Manhole covers construction/replacement	NO	1		
11-50-003	Provide, place and compact natural gravel to walkways	M ³	70.673		

PERFORMANCE BASED ROUTINE MAINTENANCE LOT 3 ROADS-MOMBASA COUNTY-ADDENDUM 1

Road Code	K7_MOMBASA				
HAILE SELASIE AVENUE					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	30		
16-50-001	Provide ,place and compact 50mm thick asphalt concrete Type 1(20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	23		
16-60-001	Provide, place and compact 35mm thick asphalt concrete Type 1(14mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for surfacing as directed by the Engineer	M ³	100		
16-80-003	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	460		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	23		
20-50-021	Provide and place steel bollard of 150mm diameter by 1500mm height and 3mm thickness, embedded to a depth 0.75 m. This should be inclusive of all weather resistant reflective sticker and class 15/20 concrete bed and fill.	No.	5		
20-70-016	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	M	100		

Road Code	K7_MOMBASA				
HAILE SELASIE AVENUE					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate (Ksh)	Amount KSh
	junctions as directed by the Engineer				
20-70-015	Excavate for, provide and place 100x125mm class 25/20 precast concrete straight channels 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	200		
23-50-005	Provide, lay and compact colored interlocking 60mm thick concrete paving blocks with 35 N/mm ² cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 40 mm thick compacted sand bed	M ²	200		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

PERFORMANCE BASED ROUTINE MAINTENANCE LOT 3 ROADS-MOMBASA COUNTY-ADDENDUM 1

Road Code	UCB48-MS				
LIKONI - MOMBASA HOSP LINK					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate (Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-030	Allow for attendance to the RE,s supervisory staff including overtime	ITEM	KSHS		100,000.00
01-80-031	Include percentage on item 01-80-030 for contractors overhead and profit	%			
05-50-008	Cut to spoil in Soft Material	M ³	97.165		
08-50-018	Provide and fix Composite Gulley pot cover of 450 x 450 mm	NO	1		
08-50-019	Provide and fix Composite Gulley pot frame of 450 x 450 mm internal dimension	NO	1		
08-50-026	Manhole Repairs	NO	1		
20-70-016	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	20		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

Road Code	UCB15-MSA				
LORETO CONVENT MBS - SANTOK BEN					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate (Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-010	Allow a prime cost of sum for material testing as directed by the Engineer	ITEM	KSHS		250,000.00
01-80-011	Extra over item 01-80-010 for contractors overheads and profits	%	KSHS		
05-50-008	Cut to spoil in Soft Material	M ³	132.96		
08-50-018	Provide and fix Composite Gulley pot cover of 450 x 450 mm	NO	5		
08-50-019	Provide and fix Composite Gulley pot frame of 450 x 450 mm internal dimension	NO	5		
08-50-026	Manhole Repairs	NO	1		
08-50-030	Manhole covers construction/replacement	NO	1		
08-90-008	Provide and place class 15/20 concrete as directed by Engineer	M ³	2		
08-90-009	Provide and place class 25/20 concrete as directed by Engineer	M ³	2		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	12		
16-50-001	Provide ,place and compact 50mm thick asphalt concrete Type 1 (20mm grading), nominal binder (60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	18		
16-80-003	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	360		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	18		

PERFORMANCE BASED ROUTINE MAINTENANCE LOT 3 ROADS-MOMBASA COUNTY-ADDENDUM 1

Road Code	UCB15-MSA				
LORETO CONVENT MBS - SANTOK BEN					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate (Ksh)	Amount KSh
20-70-010	Paint 0.1m wide thermoplastic yellow centreline on the road	M ²	100		
20-70-011	Paint 0.1m wide thermoplastic white line on the road	M ²	200		
20-70-016	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	20		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

Structure:

Package:

Contractor

Bill of Quantities			Page: 1
		Summary	Project:
No.	Road Code	Road Name	Amount (KShs.)
1.	UCB15-MSA	LORETO CONVENT MBS - SANTOK BEN	
2.	UCB48-MS	LIKONI - MOMBASA HOSP LINK	
3.	UCB17-MSA	GANJONI LOOP	
4.	K7_MOMBASA	HAILE SELASIE AVENUE	
		Total Carried to page on the Form of Tender	

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

A. Bill of Quantities and Unit Prices for Maintenance Services

[To be completed by the tenderer]

Price No.	Description of Service and Price	Unit Price
		In (Kshs)
1.	Unit Price per kilometer per month.	
	This price is the full remuneration to the Contractor to carry out the services and works required in order to reach and maintain the services levels described in the Specifications and elsewhere in the contract. It further includes the activities of the Contractor related to self-control, quality assurance and material testing. The Unit Price per kilometer and month is: i. Project Road section: All Roads..... [Note: There may either be one-unit price for all roads or road sections included in the contract, or different prices for different roads.]	

A.2 Bill of Quantities for Maintenance Services and their Prices

2 BILL OF QUANTITIES FOR MAINTENANCE SERVICES AND THEIR PRICES					
Price No.	Road or road section	Length (km)	Service Level	Unit Price per kilometer and month	Total Price
2	Monthly lump sum payment				
2a	Likoni - Memon High	1.5	100%		
2b	Abuhurera Academy - Valentine	1.7	100%		
2c	B8 - Abuhurera Academy	1	100%		
A) SUB-TOTAL per month:		4.2			
Number of Months					12
B) SUB-TOTAL (Subtotal A x No. of Months) :					
C) Add 16% of Sub-total (B) for VAT					
D) Total (Add B+C) Carried to Form of Tender:					

KURA/AMLF/COR/115/2021-2022

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Table 5.1: Rehabilitation Works Bills of quantities
LOT 4: Bills of quantities

Road Code	UCB22-MSA				
ABUHURERA ACADEMY-VALENTINE					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-007	Allow for Engineer's Office furniture and laboratory equipment as instructed by the Engineer	ITEM	KSHS		200,000.00
01-80-008	Extra over item 01-80-007 for contractors overheads and profits	%			
05-50-008	Cut to spoil in Soft Material	M ³	132.03		
08-50-018	Provide and fix Composite Gulley pot cover of 450 x 450 mm	NO	10		
08-50-019	Provide and fix Composite Gulley pot frame of 450 x 450 mm internal dimension	NO	8		
08-90-009	Provide and place class 25/20 concrete	M ³	3		
11-50-003	Provide, place and compact natural gravel to walkways	M ³	58.65		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	16		
16-50-001	Provide, place and compact 50mm thick asphalt concrete Type 1(20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	23		
16-80-003	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	460		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	23		
20-70-010	Paint 0.1m wide thermoplastic yellow centreline on the road	M ²	170		

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Road Code	UCB22-MSA				
ABUHURERA ACADEMY-VALENTINE					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
20-70-011	Paint 0.1m wide thermoplastic white line on the road	M ²	340		
20-70-016	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	100		
	<i>Sub Total</i>				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Road Code	UCB5-MSA				
B8-ABU HUREIRA ACADEMY					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-057	Provide & maintain Engineer's survey equipment as listed in the special specifications and as instructed by the Engineer	PC Sum	170,000.00		170,000.00
05-50-008	Cut to spoil in Soft Material	M ³	50		
08-50-018	Provide and fix Composite Gulley pot cover of 450 x 450 mm	NO	5		
08-50-019	Provide and fix Composite Gulley pot frame of 450 x 450 mm internal dimension	NO	5		
08-60-003	Culvert Cleaning- Partially blocked ~ 600mm	M	20		
08-90-008	Provide and place class 15/20 concrete to beds and surround	M ³	2		
08-90-009	Provide and place class 25/20 concrete	M ³	2		
11-50-003	Provide, place and compact natural gravel to shoulders accesses and busbays	M ³	30.41		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	20		
16-50-001	Provide ,place and compact 50mm thick asphalt concrete Type 1 (20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	20		
16-80-003	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	400		

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Road Code	UCB5-MSA				
B8-ABU HUREIRA ACADEMY					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate (Ksh)	Amount KSh
16-80-004	Clearing and cutting of potholes and failed areas	M ³	20		
20-70-002	Provide and erect warning type sign 750mm size	No.	4		
20-70-006	Provide and erect non-standard informatory type sign less than 1 m ²	No.	4		
20-70-016	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	10		
25-50-029	Collect, erect, brand and maintain publicity signs and return to the employer upon expiry of the contract period as instructed by the Engineer	NO.	1		
	Sub Total				
	VAT @ 16%				
	Total Carried Forward to Summary:				

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Road Code	UCB14-MSA				
LIKONI - MEMON HIGH					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-010	Allow a prime cost of sum for material testing as directed by the Engineer	ITEM	KSHS		250,000.00
01-80-011	Extra over item 01-80-010 for contractors overheads and profits	%	KSHS		
05-50-008	Cut to spoil in Soft Material	M ³	178.099		
08-50-015	Gulley pot construction	NO	2		
08-50-018	Provide and fix Composite Gulley pot cover of 450 x 450 mm	NO	4		
08-50-019	Provide and fix Composite Gulley pot frame of 450 x 450 mm internal dimension	NO	4		
08-50-024	Manhole construction	NO	1		
08-50-026	Manhole Repairs	NO	1		
08-50-030	Manhole covers construction/replacement	NO	2		
08-90-008	Provide and place class 15/20 concrete as directed by Engineer	M ³	5		
08-90-009	Provide and place class 25/20 concrete as directed by Engineer	M ³	5		
11-50-003	Provide, place and compact natural gravel to shoulders acceses and busbays	M ³	10		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	5		
16-50-001	Provide ,place and compact 50mm thick asphalt concrete Type 1(20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	30		

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Road Code	UCB14-MSA				
LIKONI - MEMON HIGH					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate (Ksh)	Amount KSh
16-80-003	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		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	30		
20-70-006	Provide and erect non-standard informatory type sign less than 1 m ²	No.	2		
20-70-010	Paint 0.1m wide thermoplastic yellow centreline on the road	M ²	150		
20-70-011	Paint 0.1m wide thermoplastic white line on the road	M ²	300		
20-70-016	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	40		
20-50-021	Provide and place steel bollard of 150mm diameter by 1500mm height and 3mm thickness, embedded to a depth 0.7 m. This should be inclusive of all weather resistant reflective sticker and class 15/20 concrete bed and fill.	No.	10		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

PERFORMANCE BASED ROUTINE MAINTENANCE OF LOT 4 ROADS, MOMBASA COUNTY-ADDENDUM I

Structure:

Package:

Contractor

Bill of Quantities			Page: 1
		Summary	Project:
No.	Road Code	Road Name	Amount (KShs.)
1.	UCB14-MSA	LIKONI - MEMON HIGH	
2.	UCB22-MSA	ABUHURERA ACADEMY - VALENTINE	
3.	UCB5-MSA	B8 - ABUHURERIA ACADEMY	
		Total Carried to page on the Form of Tender	

ROUTINE MAINTENANCE OF LOT 24 ROADS, KILIFI COUNTY-ADDENDUM 1

LOT 24: Bills of quantities

ROAD CODE: UCB4-KILIFI					
KEMRI KILIFI - TEZO					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: No separate payment shall be made for the haulage of surplus or unsuitable excavated material and the cost of such haulage shall be included in the rates and/or prices				
01-80-030	Allow for attendance to the RE,s supervisory staff including overtime	ITEM	KSHS		170,000.00
01-80-031	Include percentage on item 01-80-030 for contractors overhead and profit	%			
04-50-004	Light bush clearing	M ²	8000		
05-50-008	Cut to spoil in soft material	M ³	128.79		
08-60-003	Culvert Cleaning- Partially blocked - 600mm	M	50		
08-50-005	Ditch/Mitre drain /catch water drain excavation	M ³	15		
08-50-016	Gulleypot cleaning including inlet/outlet pipes	NO	36		
08-60-008	Culvert Cleaning- Fully blocked - 600mm	M	20		
11-50-001	Prepare surface of existing shoulders, accesses and busbays including benching where necessary, water process and compact in accordance with the specifications and as directed by the Engineer in order to receive gravel	M ²	600		
11-50-003	Provide, place, spread, water and compact natural gravel to shoulders accesess and busbays	M ³	90		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	5		
16-50-001	Provide, place and compact 50mm thick asphalt concrete Type 1(20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	19		

ROAD CODE: UCB4-KILIF					
KEMRI KILIFI - TEZO					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
16-80-003	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	380		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	19		
20-70-010	Paint 0.1M wide thermoplastic yellow centreline on the road	M2	30		
20-70-011	Paint 0.1M wide thermoplastic white line on the road edge	M2	60		
20-70-016	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		
23-50-002	Provide, lay and compact 60mm thick colored interlocking concrete paving blocks with 35 N/mm ² cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 40 mm thick compacted sand bed	M ²	600		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

ROUTINE MAINTENANCE OF LOT 24 ROADS, KILIFI COUNTY-ADDENDUM 1

ROAD CODE: UCB2-KILIF					
KILIFI DIST HOSP - B8					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: No separate payment shall be made for the haulage of surplus or unsuitable excavated material and the cost of such haulage shall be included in the rates and/or prices				
01-50-017	Allow for Survey Works	ITEM	KSHS		200,000.00
04-50-004	Light bush clearing	M ²	164		
05-50-008	Cut to spoil in soft material	M ³	116.02		
07-60-005	Provide and place 200mm thick stone pitching including grouting of ratio 1:4 cement to sand mortar as specified	M ²	15		
08-50-005	Ditch/Mitre drain /catch water drain excavation	M ³	29		
08-60-008	Culvert Cleaning- Fully blocked - 600mm	M	20		
08-90-021	Excavate for, provide and install Invert Block Drain of inner diameter 300mm including 600x225x75mm single course side slab on both sides. This includes 75mm gravel bedding, backfilling with suitable material and haunching	M	100		
11-50-001	Prepare surface of existing shoulders, accesses and busbays including benching where necessary, water process and compact in accordance with the specifications and as directed by the Engineer in order to receive gravel	M ²	600		
11-50-003	Provide, place, spread,water and compact natural gravel to shoulders acceses and busbays	M ³	90		
12-60-001	Provide, lay and compact hand packed stone material including filling of voids with stone dust and watering as directed by the Engineer.	M ³	6		
16-50-001	Provide, place and compact 50mm thick asphalt concrete Type 1 (20mm grading), nominal binder(60/70 penetration bitumen content 4.9-5.2%) for pothole patching as directed by the Engineer	M ³	21		

ROAD CODE: UCB2-KILIF					
KILIFI DIST HOSP - B8					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
16-80-003	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	420		
16-80-004	Clearing and cutting of potholes and failed areas	M ³	21		
20-70-016	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		
23-50-002	Provide, lay and compact 60mm thick colored interlocking concrete paving blocks with 35 N/mm ² cube crushing strength conforming to BS 6717 Part 1 of 1986 or Kenya Bureau of Standard equivalent including 40 mm thick compacted sand bed	M ²	590		
25-50-029	Collect, erect, brand and maintain publicity signs and return to the employer upon expiry of the contract period as instructed by the Engineer	NO.	1		
	<i>Sub Total</i>				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

ROUTINE MAINTENANCE OF LOT 24 ROADS, KILIFI COUNTY-ADDENDUM 1

Road Code	K14_MOMBASA				
MAJENGO_BARANI PRIMARY SCHOOL					
Bill of Quantities					Page: 1
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
	Note: All haulage is to be included in the Contractor's rates and prices. There is no separate payment for overhaul				
01-80-010	Allow a prime cost of sum for material testing as directed by the Engineer	ITEM	KSHS		270,000.00
01-80-011	Extra over item 01-80-010 for contractors overheads and profits	%	KSHS		
01-80-030	Allow for attendance to the RE,s supervisory staff including overtime	ITEM	KSHS		300,000.00
01-80-031	Include percentage on item 01-80-030 for contractors overhead and profit	%			
04-50-004	Light Bush Clearing	M ²	3000		
05-50-008	Cut to spoil in Soft Material	M ³	50		
05-50-009	Cut to spoil in hard Material	M ³	50		
07-60-005	Provide and place 200mm thick stone pitching including grouting of ratio 1:4 cement to sand mortar as specified	M ²	32.00		
08-50-002	Excavate in any material and provide masonry wall for vertical drain	M	30		
08-50-024	Excavate for, provide all materials and construct a reinforced concrete manhole class 25/20, depth less than 1.2m	NO	4		
08-60-030	Excavate in soft material for pipe culverts, headwalls, wingwalls, aprons, toe walls, drop inlets, minor drainage structures and compact excavated surface as specified by the Engineer.	M ³	20		
08-60-031	Excavate in hard material for pipe culverts, headwalls, wingwalls, aprons, toe walls, drop inlets, minor drainage structures and compact excavated surface as specified by the Engineer.	M ³	10		
08-60-033	Provide , lay and join 600mm inner dia concrete pipes	M	30		
08-60-037	Provide and place A142 fabric mesh reinforcement	M ²	12.5		

Road Code	K14_MOMBASA				
MAJENGO_BARANI PRIMARY SCHOOL					
Bill of Quantities				Page: 1	
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh
08-90-008	Provide and place class 15/20 concrete for beds	M ³	15.3		
08-90-009	Provide and place class 25/20 concrete including formwork	M ³	8.1		
08-90-010	Provide and place class 20/20 concrete scour checks	No.	11		
10-50-003	Light grade, water and compact existing carriageway to camber including slopes and ditches as instructed by the Engineer	M ²	49600		
10-60-001	Provide gravel wearing course- excavation, free haul, water, spread and compact gravel-equipment	M ³	1304.72		
	Sub Total				
	VAT @ 16 %				
	Total Carried Forward to Summary:				

ROUTINE MAINTENANCE OF LOT 24 ROADS, KILIFI COUNTY-ADDENDUM 1

Structure:

Package:

Contractor

Bill of Quantities			Page: 1
		Summary	Project:
No.	Road Code	Road Name	Amount (KShs.)
1.	UCB2-KILIF	KILIFI DIST HOSP - B8	
2.	UCB4-KILIF	KEMRI KILIFI - TEZO	
3.	K14_MOMBASA	MAJENGO_BARANI PRIMARY SCHOOL	
		Total Carried to page on the Form of Tender	