



KENYA RURAL ROADS AUTHORITY

TENDER NOTICE

ADDENDUM NO. 4

UPGRADING TO BITUMEN STANDARDS, SPOT IMPROVEMENT AND ROUTINE MAINTENANCE OF VARIOUS ROADS

Reference is made to the Tender Notice that appeared in the Authority’s website and MyGov on The Star Newspaper dated 7th January 2025, Addendum No. 1 dated 14th January, 2025, Addendum No. 2 dated 22nd January, 2025, Long Advert dated 22nd January 2025 and Addendum No. 3 dated 7th February, 2025.

Interested Bidders are requested to note the following amendments for the Tenders published under the referenced Tender Notice;

1. That the Standard Specification Clause 101 for Tender for Upgrading to Bitumen Standard of Kasarani – Kongoni - Olkaria & Ndabibi Access Roads, Tender No. RWC 667 is hereby revised and the amendments herewith attached as **Annex 1**.
2. That Bill Item No. 12 for Tender for Upgrading to Bitumen Standard of Kasarani – Kongoni - Olkaria & Ndabibi Access Roads, Tender No. RWC 667 is hereby revised and the amended Bill is herewith attached as **Annex 2**.
3. That Bill Item No. 13 for Tender for Upgrading to Bitumen Standard of Kasarani – Kongoni - Olkaria & Ndabibi Access Roads, Tender No. RWC 667 is hereby introduced to the BoQ and is herewith attached as **Annex 3**.
4. That the BoQ for the Tender for Upgrading to Bitumen Standard of Marindi – Magina - Pala -Oria Bridge Roads, Tender No. RWC/662 is hereby revised as follows;
 - i. A list in the priced document for Bill No. 1, Item 1.04 and 1.05 which constitutes Appendix A and B is now given. Bill Item 1.04 and 1.05. Appendix A and B A are herewith attached as **Annex 4**.
 - ii. That Bill Item 15.04 has been included in the BoQ and hereby reads as follows;

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
15.04	Provide, transport, heat and spray 80/100 pen. grade bitumen at the rate of 0.8-1.2lts/m ² .	Litres	453,870		

The revised Bill No. 15 for this tender is hereby attached as **Annex 5**.

5. That the Specific Construction Experience for the Tender for Upgrading to Bitumen Standard of Marindi – Magina - Pala -Oria Bridge Roads, Tender No. RWC/662 remains as given under Table 1 on Technical & Financial Capacity Evaluation Item No. 3.2 (a).
6. That the Tender for Upgrading to Bitumen Standard of Marindi – Magina - Pala -Oria Bridge Roads, Tender No. RWC/662 is OPEN to all eligible Contractors.
7. That the tender for Upgrading to Bitumen Standard of Agolomuok - Otati - Kogore (Aorachuodho) Road, Tender No. KeRRA/08/39/146/2024-25 is OPEN to all eligible Contractors.
8. Clarifications and amendments as to the tender for Upgrading to Bitumen Standard of Agolomuok - Otati - Kogore (Aorachuodho) Road, Tender No. KeRRA/08/39/146/2024-25 are as follows;

Sr.	Section	Clause & Page	Reference to Bidding Document	Bidders/ Clarification request	Remarks
1.	Section VII - Bills of Quantities	Bill No 1.0: Preliminaries and General Items.	Provide with drivers, fuel and maintain approved vehicles by the Engineer for his exclusive use, inclusive of the first 5000km per vehicle month and aggregated mileage in excess of 5000 km per vehicle month.	Under item 1.05, we are expected to provide 2new 4WD fully loaded station wagon for 24veh. Months. The construction period is 24months plus 12months defects Liability period. Should we input 2vicles into 1 vehicle month, or amend the months to 48months. What about the 12months for defects liability period.	The vehicles will cover the project period of 24moths plus the defects liability. Revised Bill item No. 1 is herein as Annex 6 with the revised quantities.
2	Section VII-Bills of Quantities.	Bill No. 17: Concrete works.	Provision and placement of concrete works to structures.		Revised quantities for concrete works are provided herein in as Annex 7
3	Section VII-Bills of Quantities	Summary of Bill of Quantities	Capacity Building Training Levy under the Summary of Bill of Quantities	Correct Placement of the 0.03% Capacity Building Training Levy under the Summary of Bill of Quantities	Revised Summary Page attached in Annex 8

9. That Bill No. 1 for the tender for **Upgrading to Bitumen Standard of Miomponi - Mukothima - Gatunga Road, Tender No. RWC 664** has been revised and is attached herewith as **Annex 9**. Both the Engineers representative Office & Equipment, Laboratory and Laboratory Equipment shall revert to the Employer at the end of the contract.
10. That Section III – Evaluation and Qualification Criteria, Preliminary Examination, Table 1, Part A, Item 16 (1) on properly and duly filled, signed and stamped form of foreign tenderers 40% rule shall apply

to ALL LOT A tenders indicated as OPEN TO ALL CONTRACTORS under Preference & Reservation in the Long Advert. FORM 1 FT is hereby attached as **Annex 10**.

11. That the Item description “Provide and maintain for the duration of the contract a mobile weigh bridge with manufacturer’s warranty, as specified in Appendix 'E' in PDF file. The weigh bridge to revert to employer at commencement of the contract. Allowance for repairs and maintain **MUST** be included in the quotation” given under Bill No. 26 (26.05) is hereby **deleted** for **ALL LOT A** tenders.

12. That Bill items A104/16.19 and A104/16.22 under Appendix A for **ALL LOT A** tenders should read as follows;

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A104/16.19	Dean and Stark receiver with condenser to suite Trichloroethylene	No	2		
A104/16.22	Two (2) sets of Tamping foot 102mm diameter and 146mm diameter and shanks to fit the supplied vibratory hammer	Set	2		

13. That the Summary of Bill of Quantity’s to the revised BoQs as given under Addendum No. 3 dated 7th February, 2025 for the Tender for Rehabilitation of Kaanwa - Chuka Technical - Kamutiria Road, Tender No. KeRRA/08/39/128/2024 – 25 is hereby attached as **Annex 11**.

14. The submission date and time for ALL the tenders (Apart from **Tender for Upgrading To Bitumen Standard of Chobe - Kambi George – Weru - Matundura & Muti – Ini - Thindi (Phase 2) Road, Tender No. RWC 663 that has been cancelled**) listed under the initial Advertisement published on 7th January, 2025 & 22nd January, 2025, Addendum No. 1 dated 14th January, 2025 and Addendum No. 2 dated 22nd February, 2025 remains as on or before **19th February, 2025 at 11.00am** as published under Addendum No. 3 dated 7th February, 2025.

15. Completed tender documents under Lot 1 should be enclosed in plain sealed envelopes, clearly marked with the Tender Name, Tender Number and deposited in the Tender Boxes at KeRRA Head Office (Barabara Plaza, Block B) on or before **19th February, 2025 at 11.00am**.

16. Completed tender documents under Lot 2 should be enclosed in plain sealed envelopes, clearly marked with the Tender Name, Tender Number and deposited in the Tender Boxes at the offices of respective Regional Directors **19th February, 2025 at 11.00am**.

17. Interested bidders should note that the amendments detailed herewith take precedence.
18. All interested bidders are required to continually check the Kenya Rural Roads Authority website: www.kerra.go.ke for any tender addendums or clarifications that may arise before submission date.
19. Bidders with enquiries are encouraged to do so via the email address procurement@kerra.go.ke.
20. All other information as pertaining to the tenders remains the same.

Deputy Director (Supply Chain Management)
FOR: **DIRECTOR GENERAL**

ANNEXES

ANNEX I - Upgrading to Bitumen Standard of Kasarani – Kongoni - Olkaria & Ndabibi Access Roads,
Tender No. RWC 667

Replace Clause 101 of standard Specification with the one below;

101 EXTENT OF CONTRACT

The major works to be executed under the Contract comprise mainly of but are not limited to the following:

1. Provision of facilities to the supervising Engineers;
2. Site clearance and top soil removal;
3. Earthworks;
4. **New Pavement construction as follows: -**
 - Construction of 350mm improved subgrade of minimum CBR of 10% (G10) in two layers of 175 mm each as shown on the drawings or as instructed by the Engineer;
 - Construction of cement/lime improved gravel sub-base of minimum CBR of 60% (HIG 60) to a finished thickness of 175mm or as instructed by the Engineer. Extend this to the shoulders;
 - Provision of Cement/Lime improved graded crushed stone (GCS) base of minimum CBR of 160% (CIG160) to a finished thickness of 150mm or as instructed by the Engineer
 - Laying and compacting of 50mm thick Asphalt Concrete type II (0/14 mm) wearing course on the carriageway and shoulders or as instructed by the Engineer;
 - Laying of 10/14mm Single Seal Chippings;
5. **Pavement rehabilitation as follows: -**
 - Repair of Potholes as instructed by the Engineer;
 - Scrapping of dilapidated asphalt surfacing and reprocessing of the base layer as shall be instructed by the Engineer;
 - Laying and compacting of 50mm thick Asphalt Concrete type II (0/14 mm) overlay as wearing course on the carriageway and shoulders or as instructed by the Engineer;
 - Laying of 10/14mm Single Seal Chippings;
6. **Drainage and protection works as follows: -**
 - Removal of existing inadequate and defective cross and access culverts;
 - Construction of concrete lined drains as instructed by the Engineer;
 - Construction of standard pipe culverts complete with headwalls, wingwalls and aprons to culverts;
 - Improvement of other drainage and soil erosion protection works;
7. **Major Structures; -**

- Construction of 2No. 2Cell 5m x 2.5m Box Culverts or as shall be instructed by the Engineer;

8. Road furniture;

- Provide and erect all the road signs and markings as directed by the Engineer;
- Provide, lay and joint raised kerbs, precast concrete channels and invert block drains as directed by the Engineer;
- Plant selected grass on slopes of embankments and cuttings;
- Provide and fix flex beam guardrail to bridge approaches and vehicle/pedestrian guardrail at bridges;
- Provide and fix in position approved drain pipes on bridge deck, abutments, wing walls and retaining walls;

9. Other ancillary works to the main works;

10. Maintenance of the works during the Defects Liability Period and

11. Any other activity not listed above but deemed necessary by the Engineer for the successful completion of the works.

NOTES:

- The carriageway shall be 6m wide with shoulders of 1.0m either side, constructed with the material and thickness for sub-base and base as above.
- Any other activity not listed above in either category but deemed to be necessary by the Engineer, shall be subject to the Engineer's formal instructions and within the mode of payment stipulated either by day-works or on a measured basis.
- The Contractor shall where so instructed, ensure services and utilities are relocated to a designated suitable location away from the construction corridor;
- The Contractor shall also be required to ensure: -
 - ✓ Maintenance of passage of traffic through and around the works at all times;
 - ✓ Maintenance of works during construction and during the Defects Liability Period; and Maintenance of the works for 36 Months after the Defects Liability Period.
 - ✓ Implementation of the Environmental, HIV/AIDS, and COVID-19 mitigation measures and other cross cutting issues as directed by the Engineer.

ANNEX 2 - Upgrading to Bitumen Standard of Kasarani – Kongoni - Olkaria & Ndabibi Access Roads,
Tender No. RWC 667

BILL NO. 12: NATURAL MATERIAL SUBBASE AND BASE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE (KSHS)	AMOUNT (KSHS)
	No overhaul will be paid for separately under this item and the cost of hauling will be deemed to have been included in the rates. The rates inserted shall include all items as listed in method-A of measurement in the standard specifications				
12.01	Provide natural gravel for subbase (175mm) haul, spread, compact to at least 100% M.D.D (AASHTO T-180) and shape to level and tolerance.	M ³	72,765		
12.02	Provide natural gravel for base (150mm) haul, spread, compact to at least 100% M.D.D (AASHTO T-180) and shape to level and tolerance.	M ³	0		
12.03	Fill and compact approved gravel materials for bituminous road rehabilitation as instructed or directed by the Engineer and compact in layers not exceeding 150mm to 100% MDD	M ³	2,500		
TOTAL CARRIED FORWARD TO GRAND SUMMARY PAGE					

ANNEX 3 - Upgrading to Bitumen Standard of Kasarani – Kongoni - Olkaria & Ndabibi Access Roads,
Tender No. RWC 667

BILL NO. 13 : GRADED CRUSHED STONES AND HAND PACKED STONES FOR SUBBASE AND BASE					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13.01	Provide, Lay, spread and compact Graded Crushed Stone for Sub-base as per Drawings and Specifications	m ³	0		
13.02	Provide, Lay, spread and compact Graded Crushed Stone for base as per Drawings and Specifications	m ³	58,905		
13.03	Provide, hand pack stones, apply granular material and compact the layer to refusal as directed by the Engineer. The excess granular material shall be thoroughly swept.	m ³	0		
	Bill No. 13 Total Carried Forward to Grand Summary				

ANNEX 4 - Upgrading to Bitumen Standard of Marindi – Magina - Pala -Oria Bridge Roads, Tender No. RWC/662

APPENDIX TO BILL ITEM 1.04:					
PROVIDE REAGENTS AND ITEMS FOR ENGINEER'S LABORATORY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE (KSHS)	AMOUNT (KSHS)
A104/17.01	Paraffin wax	Kg	50		
A104/17.02	Gunny sack	No	500		
A104/17.03	Plastic bag 900x450x1000 gauge	No	500		
A104/17.04	Plastic bag 450x300x1000 gauge	No	500		
A104/17.05	Filter paper 150mm diameter Whatman No. 5 (Boxes of 100)	No	20		
A104/17.06	Filter paper 400mm diameter Whatman No. 5 (Boxes of 100)	No	20		
A104/17.07	Filter paper 100mm diameter Whatman No. 5 (Boxes of 100)	No	20		
A104/17.08	Filter paper 400mm diameter Whatman No. 54 (Boxes of 100)	No	10		
A104/17.09	Filter paper 270mm diameter with 33 diameter hole at centre Whatman No. 5 (Boxes of 100)	No	15		
A104/17.10	Trichloroethylene (205 Litre Drum)	No	5		
A104/17.11	Dichloromethane	kg	200		
A104/17.12	Cotton waste	kg	50		
A104/17.13	13kg Gas cylinders filled with gas and with compatible gas burners	No	5		
A104/17.14	Sodium sulphate	kg	45		
A104/17.15	Sand for density test	kg	250		
	C/Forward to item 1.04				

APPENDIX TO BILL ITEM 1.05: PROVIDE, FURNISH AND MAINTAIN THE R.E.'S OFFICE				
DESCRIPTION	UNIT	QUANTITY	RATE (KSHS)	AMOUNT (KSHS)
1. ENGINEER'S MAIN OFFICE AND FURNITURE				
Executive desk 2.2x0.9 m with six lockup drawers	No	2		
Desk 2.2x0.9 m with chair and three lockup drawers	No	4		
Office tables 2.2x0.9 m	No	5		
Executive Swivel orthopaedic chair adjustable height	No	6		
Standard office chairs	No	10		
Typist's desk	No	1		
Typist's chair	No.	1		
Lockable steel stationery cupboard, 1.2 m ³ , lockable	No.	2		
Medium size steel filing cabinet, 4 drawers lockable	No.	2		
Medium size steel filing cabinet, 2 lockable drawers	No.	2		
Bookshelf, 1.5 m wide 3 shelves (for box files) sliding glass door	No.	2		
Conference table with 15 chairs	No.	1		
Waste paper basket	No.	10		
Curtains for office and laboratory -for all windows and doors	Set	2		
Ordinary 2 hole paper punch	No	5		
Heavy duty 2 hole paper punch	No	2		
Computer meeting the following specifications or equivalent: Personal computer with 17" screen full multimedia, 500GB hard disk, 4.0GB RAM, Core i7 processor, complete with all accessories preloaded with latest versions of windows OS, MS Office, Professional and MS Project	No	5		
Autocad Civil 3D 2016 and Licences for above computers	No	1		
Laptop PC with Intel Core i7-4510U Processor 15.4" screen, CPU @ 2.6GHz 8GB RAM 1TB 8xDVD+/-RW approved with Microsoft Windows professional	No	4		
Latest HP (A4) Laser Printer with accessories	No	5		
Latest HP (A3) Laser Colour Printer with accessories	No	1		

APPENDIX TO BILL ITEM 1.05: PROVIDE, FURNISH AND MAINTAIN THE R.E.'S OFFICE				
DESCRIPTION	UNIT	QUANTITY	RATE (KSHS)	AMOUNT (KSHS)
1. ENGINEER'S MAIN OFFICE AND FURNITURE				
UPS 600 VA	No	6		
wall clocks, battery powered min size 350mm x 350mm	No	6		
First Aid Kit	No	4		
Fire Extinguisher	No	4		
Filing Tray - set of 3no.	set	10		
Refrigerator minimum capacity 0.2 m ³	No	1		
Drinking water dispenser, hot/cold	No	3		
Table - 0.8 m ² surface area	No	1		
Cupboard, 0.15 m ³ , lockable	No	1		
13 Kg Gas cylinder with three gas burners	No	2		
A3 Photocopier (approved make), with feeder sorting trays, scanner and print capability	No	1		
Reams of A4 photocopying paper	No	120		
Reams of A3 photocopying paper	No	24		
Electronic scientific calculator, Casio fx 991ES PLUS or equivalent approved	No	6		
Stapling machine Ofrex size 50 or similar with 5000 staples	No	6		
Heavy duty punch and spiral binder, IBICO AG or similar approved	No	2		
Digital Camera, 16.1 Megapixel(min), 1920x1080 full HD movie recording, optical steadyShot, sweep panorama, 2.7" LCD screen, minimum 5x digital zoom, multimedia card/SD 8GB memory, 12 scene selection modes, all inclusive.	No	2		
Provision of mobile phones for supervision team with the latest android version to the approval of the Engineer.	item	8		
Total carried to Bill Item 1.05				

ANNEX 5 - Upgrading to Bitumen Standard of Marindi – Magina - Pala -Oria Bridge Roads, Tender No. RWC/662

BILL NO. 15: BITUMINOUS SURFACE TREATMENT & SURFACE DRESSING TO SHOULDERS					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
15.01	Prepare surface of carriageway and shoulders, provide, heat and spray MC 30 cutback bitumen prime coat at 0.8-1.2 Litres/m ² .	Litres	375,000		
15.02	Provide & spray K1-60 as tack coat on carriageway, shoulders and on rumble strips at a rate of 0.5-0.8 l/m ²	Litres	498,960		
15.03	Provide, spread and roll 10/14mm precoated chippings at a nominal rate of 90- 100m ² /m ³	m ³	3,564		
15.04	Provide, transport, heat and spray 80/100 pen. grade bitumen at the rate of 0.8- 1.2lts/m ² .	Litres	453,870		
Bill No. 15 Total Carried Forward to Grand Summary					

ANNEX 6 - BILL No. 1: PRELIMINARIES AND GENERAL ITEMS

Upgrading to Bitumen Standard of Agolomuok - Otati - Kogore (Aorachuodho) Road, Tender No. KeRRA/08/39/146/2024-25

BILL NO. 1: PRELIMINARIES AND GENERAL ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (KES)
1.01	Provide or rent and maintain Engineer's Representative's office as shown on the drawings or as instructed by the Engineer for use during the duration of the Contract. The office shall revert to the Employer at the end of the project.	LS	1		
1.02	Provide or rent and maintain Engineer's Site Laboratory for the duration of the Contract. The Laboratory shall revert to the Employer at the end of the project.	LS	1		
1.03	Provide and maintain Laboratory equipment, reagents and other items as priced in Appendix 'A' to the Bill of Quantities for use by the Engineer's representative for the duration of the contract.	LS	1		
1.04 A	Provide and maintain furniture, tools and other items for the Engineers Representative office for the duration of the Contract as priced in Appendix 'B'.	LS	1		
1.04 B	Provide and maintain survey equipment as priced in Appendix C for the duration of the contract.	LS	1		
1.05	Provide with drivers, fuel and maintain two (1) new 4WD fully loaded Station Wagon of minimum diesel engine capacity 2500cc approved by the Engineer for his exclusive use, inclusive of the first 5000km per vehicle month.	Veh-Month	36		
1.06	E.O item 1.05 for total aggregated mileage in excess of 5000 km per vehicle month.	Km	36,000		
1.07	Provide with drivers, fuel and maintain two (2) new 4WD fully loaded double cabin pick-up of minimum diesel engine capacity 2500cc approved by the Engineer for his exclusive use, inclusive of the first 5000km per vehicle month.	Veh-Month	72		
1.08	E.O item 1.07 for total aggregated mileage in excess of 5000 km per vehicle month.	Km	72,000		
1.09	Ditto item 1.07, but two (2) new 4WD standard double cabin pick-up of minimum diesel engine capacity 2200cc approved by the Engineer for his exclusive use, inclusive of the first 5000km per vehicle month.	Veh-Month	72		
1.10	E.O item 1.09 for total aggregated mileage in excess of 5000 km per vehicle per month.	Km	72,000		
1.11	Ditto item 1.07, but two (2) new 4WD Single cabin pick-ups with fibre glass body of minimum diesel engine capacity 2200cc approved by the Engineer for his exclusive use, inclusive of the first 5000km per vehicle month. engine capacity approved by	Veh-Month	72		

NO. 1: PRELIMINARIES AND GENERAL ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (KES)
1.12	E.O item 1.11 for total aggregated mileage in excess of 5000 km per vehicle per month.	Km	72,000		
1.13	Allow a Prime Cost Sum of Kshs.9,000,000 for the RE's miscellaneous account to be spent in whole or part as directed by the RE against receipts	PC Sum	1	9,000,000.00	9,000,000.00
1.14	E.O. item 1.13 for Contractor's overheads and profits.	% of item	9,000,000		
1.15	Allow a Prime Cost Sum of Kshs. 21,600,000.00 for attendance upon the Resident Engineer' staff.	PC Sum	1.00	21,600,000.00	21,600,000.00
1.16	E.O. item 1.15 for Contractor's overheads and profits.	%	21,600,000		
1.17	Provide, erect and maintain publicity signs as directed by the Engineer.	No.	2		
Total Bill 1 Taken to Summary Page					

ANNEX 7: BILL No. 17: CONCRETE WORKS

Upgrading to Bitumen Standard of Agolomuok - Otati - Kogore (Aorachuodho) Road, Tender No. KeRRA/08/39/146/2024-25

BILL NO. 17: CONCRETE WORKS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (KES)
	Note: No haulage will be paid for aggregates, bitumen or the premix. The cost for haulage shall be included in the rates. Rates to be inclusive of fines				
	<u>Concrete</u>				
17.01	Provide, place and compact Class 15(20) concrete blinding as instructed by the Engineer	m ³	300		
17.02	Provide, place and compact concrete class 25(20) to aprons, wingwalls, abutments and piers for the Bridges and walls and slabs for the box culvert as shown in drawings.	m ³	1100		
17.03	Provide, place and compact concrete class 30(20) to main beams, cross beams, deck and approach slabs as shown in drawings	m ³	150		
	<u>Reinforcement: Provide, cut, bend & fix into position steel reinforcement as shown in the drawings or as instructed by the Engineer</u>				
17.04	High yield reinforcement steel bars to BS 4461 equal to or less than 16mm diameter bar size	TONNE	40		
17.05	High yield bond strength reinforcement steel to BS 4461 greater than 16mm diameter bar size	TONNE	100		
	<u>Formwork : Provide, erect and afterwards dismantle and remove all the formwork as specified by the Engineer</u>				
17.06	Provide & fix in place l formwork to achieve Class U F1 finish	m ²	1,000		
17.07	Provide & fix in place formwork to achieve Class U F2 finish	m ²	1,250		
17.08	Provide & fix in place formwork to achieve Class U F3 finish	m ²	1,250		
Total Bill 17 Taken to Summary Page					

ANNEX 8 - REVISED SUMMARY PAGE

Upgrading to Bitumen Standard of Agolomuok - Otati - Kogore (Aorachuodho) Road, Tender No. KeRRA/08/39/146/2024-25

GRAND SUMMARY OF BILL OF QUANTITIES		
SUMMARY OF BILL OF QUANTITIES		
BILL ITEM	DESCRIPTION	AMOUNT (KShs)
1	Preliminaries and General Items	
4	Site Clearance and Top soil stripping	
5	Earthworks	
7	Excavation and Filling for Structures	
8	Culvert and Drainage Works	
9	Passage of Traffic	
12	Natural Material Base and Subbase	
14	Cement and Lime Treated Material	
15	Bituminous Surface Treatment and Surface Dressing	
16	Bituminous Mixes	
17	Concrete Works	
20	Road Furniture	
21	Miscellaneous Bridge/Drift Works	
22	Schedule of Dayworks	
25	HIV/AIDS, Gender & Social Issues, Local Participation	
26	Land Acquisition, Axle Load Control, and Relocation of Services	
(A.)	SUB-TOTAL (1)	
(B.)	Add 15% Variation of Price of Sub-Total (1)	
(C.)	Add 10% Contingency of Sub-Total (1)	
(D.)	SUB-TOTAL (2) = (A+B+C)	
(E.)	Add 0.03% public procurement capacity building levy of Sub Total (2)	
(F.)	Add 16% VAT of Sub-Total (2)	
TOTAL CARRIED FORWARD TO FORM OF BID AS BID SUM 1 (D+E+F)		

ANNEX 9

Upgrading to Bitumen Standard Of Miomponi - Mukothima - Gatunga Road					
BILL No. 1. PRELIMINARIES AND GENERAL ITEMS					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
1.01	Provide or rent accommodation for Engineer's senior and junior staff				
	(i)Type I (1 No.)	Month	30.00	65,000.00	1,950,000.00
	(i)Type II-(3No.)	Month	90.00	55,000.00	4,950,000.00
	(iii) Type III (5No.)	Month	150.00	40,000.00	6,000,000.00
	(iv) Type IV -(6No.)	Month	180.00	30,000.00	5,400,000.00
	(v) Type V - (10No)	Month	300.00	21,000.00	6,300,000.00
	Total	Total Item 1.01			24,600,000.00
1.02	E.O item 1.01 for contractor's overhead and profit	%			
1.03A	Construct and maintain Engineer's Representative's office as shall be instructed by the Engineer for use during the duration of the Contract, ownership to revert to the Employer at the end of the Contract	PC Sum	1	20,000,000	20,000,000
1.03B	E.O. item 1.03A for Contractor's overheads and profits.	%			
1.04A	Construct and maintain Engineer's Site Laboratory for the duration of the Contract, ownership to revert to the Employer at the end of the Contract	PC Sum	1	15,000,000	15,000,000
1.04B	E.O. item 1.04A for Contractor's overheads and profits.	%			
1.05	Provide and maintain Laboratory equipment, reagents and other items as priced in Appendix 'A' to the Bill of Quantities for use by the Engineer's representative for the duration of the contract.	LUMP SUM	ITEM		
1.06A	Provide and maintain furniture, tools and other items for the Engineers office and Engineer's representative houses as priced in Appendix B for the duration of the contract.	LUMP SUM	ITEM		
1.06B	Provide and maintain survey equipment as priced in Appendix C for the duration of the contract	LUMP SUM	ITEM		
1.07	Provide with drivers, fuel and maintain two (2) new 4WD fully loaded Station Wagon of minimum diesel engine capacity 3000cc approved by the Engineer for his exclusive use, inclusive of the first 5000km per vehicle month. Vehicle to revert to the Contractor at the end of the project.	Veh Month	72.00		
1.08	EO item 1.07 for total aggregated mileage in excess of 5000km per vehicle month.	Km	60,000.00		
1.09	Provide with drivers, fuel and maintain 2No. 4WD fully loaded double cabin pick-ups of minimum diesel engine capacity 3000cc approved by the Engineer for his exclusive use inclusive of the first	Veh Month	72.00		

Upgrading to Bitumen Standard Of Miomponi - Mukothima - Gatunga Road					
BILL No. 1. PRELIMINARIES AND GENERAL ITEMS					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Kshs)
	5000km per vehicle month. Vehicle to revert to the Contractor at the end of the project.				
1.10	E.O item 1.09 for total aggregated mileage in excess of 5000 km per vehicle per month.	Km	60,000.00		
1.11	Ditto item 1.09, but Two (2) new 4WD Standard double cabin pick-up of minimum diesel engine capacity 2500cc approved for the exclusive use of the Engineer inclusive of the first 5000km per vehicle month. Vehicle to revert to the Contractor at the end of the project.	Veh Month	60.00		
1.12	E.O item 1.11 for total aggregated mileage in excess of 5000 km per vehicle per month. Ditto item 1.09, but Two (2) new 4WD Standard single cabin pick-up with fibre	km	150,000.00		
1.13	Ditto item 1.09 but 2 new 4WD single cabin pick-up with glass body and cushioned benches of minimum diesel engine capacity 2500cc approved for the exclusive use of the Engineer inclusive of the first 5000km per vehicle month. Vehicle to revert to the Contractor at the end of the project.	Veh Month	60.00		
1.14	E.O item 1.13 for total aggregated mileage in excess of 5000 km per vehicle per month.	km	150,000.00		
1.15	Allow a Prime Cost Sum of Kshs 8,500,000 for the RE's miscellaneous account to be spent in whole or part as directed by the RE against receipts.	PC Sum	1.00	8,500,000.00	8,500,000.00
1.16	E.O. item 1.15 for Contractor's overheads and profits.	%			
1.17	Allow a Prime Cost Sum of Kshs 18,000,000 for attendance upon the Resident Engineer' staff.	PC Sum	1.00	18,000,000.00	18,000,000.00
1.18	E.O. item 1.17 for Contractor's overheads and profits.	%			
1.19	Provide, erect and maintain publicity signs as directed by the Engineer.	No	2.00		
	Bill No. 1 Total Carried Forward to Grand Summary				

ANNEX 10 -

QUALIFICATION FORMS - FORM 1 FT:

1. FOREIGN TENDERERS 40% RULE

Pursuant to ITT 3.10, a foreign tenderer must complete this form to demonstrate that the tender fulfils this condition.

ITEM	Description of Work Item	Describe location of Source	COST in K. shillings	Comments, if any
A	Local Labor			
1				
2				
3				
4				
5				
B	Sub contracts from Local sources			
1				
2				
3				
4				
5				
C	Local materials			
1				
2				
3				
4				
5				
D	Use of Local Plant and Equipment			
1				
2				
3				
4				
5				
E	Add any other items			
1				
2				
3				
4				
5				
6				
	TOTAL COST LOCAL CONTENT		XXXXX	
	PERCENTAGE OF CONTRACT PRICE		XXXX	

ANNEX 11 – SUMMARY OF BoQ

**REHABILITATION OF KAAKWA - CHUKA TECHNICAL -KAMUTIRIA ROAD,
TENDER No. KeRRA/08/39/128/2024-25**

GRAND SUMMARY OF BILL OF QUANTITIES		
BILL ITEM	DESCRIPTION	AMOUNT (KShs)
1	Preliminaries and General Items	
4	Site Clearance and Top soil stripping	
5	Earthworks	
7	Excavation and Filling for Structures	
8	Culvert and Drainage Works	
9	Passage of Traffic	
11	Shoulders to Pavement	
12	Natural Material Base and Subbase	
14	Cement and Lime Treated Material	
15	Bituminous Surface Treatment and Surface Dressing	
16	Bituminous Mixes	
17	Concrete Works	
20	Road Furniture	
21	Miscellaneous Bridge/Drift Works	
22	Schedule of Dayworks	
25	HIV/AIDS, Gender & Social Issues, Local Participation	
26	Land Acquisition, Axle Load Control, and Relocation of Services	
A.	Sub-Total (1)	
B.	Add 25% Variation of Price on Sub-Total (1)	
C.	Add 10% Contingency on Sub-Total (1)	
D.	Sub-Total (2) = A + B + C	
E.	Add 0.03% public procurement capacity building levy of Sub-total (2)	
F.	Add 16% VAT of Sub-Total 2	
G.	Total Carried Forward To Form Of Bid (D+E+F)	