



KENYA RURAL ROADS AUTHORITY

TENDER NOTICE

ADDENDUM NO. 3

UPGRADING WORKS, REHABILITATION, SPOT IMPROVEMENT, GRAVELLING AND CONSTRUCTION OF STRUCTURES FOR THE FY 2025/26

Reference is made to the Tender Notice that appeared in the Star Newspaper dated 2nd October, 2025, the Long Advert dated 21st October, 2025, Clarification No. 1 dated 28th October, 2025, Addendum No. 1 dated 3rd November, 2025 and Addendum No. 2 dated 14th November, 2025.

The Authority has received numerous requests for clarification on the above referenced procurement and Interested Bidders are requested to note the following clarifications and amendments;

1. The Tender Documents for the below listed tenders (under Table A) have been revised and shall be uploaded and can be accessed with effect from 5th December, 2025. The tender submission dates for the tenders listed under Table A is hereby revised as detailed below.

Table A.

SN	Tender Name & Number	Revised Submission Date
1.	RWC 699: Upgrading to Bitumen Standard of Nyamtiro OSBP - Kegonga - Kugitumo - Loliondo B1 Junct - Ilmeshuki – Olpisiai Road; Phase 1: (Lot 1)	18 th December, 2025 at 11.00am
2.	RWC 701: Upgrading to Bitumen Standard of (Naiberi) Jnct Talai - Jnct Plateau - Africa Economic Zone (Aez) & (Naiberi) Jnct Talai - Jnct Plateau - Africa Economic Zone (Aez) & Limo - Illula –Tuiyoluk – Kipcharwart – Kaptagat Road (Lot 1)	18 th December, 2025 at 11.00am
3.	RWC 703: Upgrading to Bitumen Standard of Hawaki - Rainbow - Kwihota - Mashinani - Neema - Sewage - Wisdom - Gikumari Road (Lot 1)	18 th December, 2025 at 11.00am
4.	RWC 704: Upgrading to Bitumen Standard of Gatukuyu - Makwa - Ngethu - Ithanga Road in Kiambu County (Lot 1)	18 th December, 2025 at 11.00am
5.	RWC 722: Upgrading to Bitumen Standard of Gikuyari – Getua – Karerema – Ishiara Road (Phase 1) (Lot 1)	18 th December, 2025 at 11.00am
6.	RWC 723A: Upgrading to Bitumen Standard of Kivwe – Karingari – Kevote – Nduuri Road (Lot 1)	18 th December, 2025 at 11.00am
7.	RWC 724: Upgrading to Bitumen Standard of Ngong Bypass Road (Lot 1)	18 th December, 2025 at 11.00am
8.	RWC 746: Upgrading to Bitumen Standard of Selia – Turbo Road (Lot 2)	18 th December, 2025 at 11.00am
9.	RWC 766: Upgrading to Bitumen Standard of Panda Pilis – Kampala – Bakoyot - Mabasi Road (Lot 2)	18 th December, 2025 at 11.00am

2. Interested Bidders are requested to also note the following;

LOT 1 Tenders (Clarifications and Amendments)

SN	Tender Name & No.	Clarification and Amendment
1	RWC 693: Upgrading to Bitumen Standard of Matayos – Namwitsula Bridge – Nasewa CAIP – Shibale (C830) Road	The revised BOQ with revised quantities for Bill 16 has been amended and attached as Annex 1 and should be used in place of the attached BOQ in the tender document
2	RWC 696: Upgrading to Bitumen Standard of Sihayi – Kodongo – Kanyumba City Road/Bar Ober & Segha – Ukwala – Aboke – Odiado Road And Segha - Jera Loop Road; Phase 1	The cover page of the tender document has been amended to be dated November, 2025
3	RWC 697: Upgrading to Bitumen Standard of Koiwa – Cheptalal – Sotik – Kaptebeng’wet/Kimulot – Changoi Road	1. Under Section IV: Tendering Forms, FORM OF TENDER SECURITY – [Option 1 – Demand Bank Guarantee] clause 3(b) has been amended to “...has failed to furnish the Performance Security.” 2. Appendix B as highlighted under item 1.06A has been attached as Annex 2 in this addendum.
4	RWC 699: Upgrading to Bitumen Standard of Nyamtiro OSBP - Kegonga - Kugitumo - Loliondo B1 Junct - Ilmeshuki – Olpisiai Road; Phase 1:	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.
5	RWC 701: Upgrading to Bitumen Standard of (Naiberi) Jnct Talai - Jnct Plateau - Africa Economic Zone (Aez) & (Naiberi) Jnct Talai - Jnct Plateau - Africa Economic Zone (Aez) & Limo - Illula –Tuiyoluk – Kipcharwart – Kaptagat Road	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.
6	RWC 703: Upgrading to Bitumen Standard of Hawaki - Rainbow - Kwihota - Mashinani - Neema - Sewage - Wisdom - Gikumari Road	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.

Issue Date 26 November, 2025

SN	Tender Name & No.	Clarification and Amendment																
7	RWC 704: Upgrading to Bitumen Standard of Gatukuyu - Makwa - Ngethu - Ithanga Road in Kiambu County	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.																
8	RWC 705: Upgrading to Bitumen Standard of Kolenach Bridge – Kolenach – Taunet Roads (Phase 1)	The amended Grand Summary page for the Bill Of Quantities has been attached as Annex 3																
9	RWC 707: Upgrading to Bitumen Standard of Cheptiret – Chepkongony – Chebolol – Koitebes – Wonifor – Flax – Kileges Roads	<p>1. The following clause under Special Specifications has been amended:</p> <ul style="list-style-type: none">• <u>Clause 101 LOCATION OF THE PROJECT ROAD</u> <p>The traverse of the project road has been amended to read as follows:</p> <p><i>The project road is located in Kesses and Ainabkoi Constituencies of Uasin Gishu County and Keiyo South Constituency of Elgeiyo Marakwet County. The length of the project roads is approximately 23 Kms of which 12 Kms is in Kesses and 8 Kms is in Ainabkoi Constituency of Uasin Gishu County and 3 Kms in Keiyo South of Elgeiyo Marakwet County.</i></p> <table><tr><th>S/No.</th><th>Link Name</th><th>Description of Works</th><th>Length (Km)</th></tr><tr><td>1</td><td>Cheptiret – Chepkongony-Chebolol- Koitebes-Wonifor – Flax - Kileges</td><td>New Construction</td><td>20</td></tr><tr><td>2</td><td>Flax Town Roads</td><td>New Construction</td><td>3</td></tr><tr><td colspan="3">Total</td><td>23</td></tr></table>	S/No.	Link Name	Description of Works	Length (Km)	1	Cheptiret – Chepkongony-Chebolol- Koitebes-Wonifor – Flax - Kileges	New Construction	20	2	Flax Town Roads	New Construction	3	Total			23
S/No.	Link Name	Description of Works	Length (Km)															
1	Cheptiret – Chepkongony-Chebolol- Koitebes-Wonifor – Flax - Kileges	New Construction	20															
2	Flax Town Roads	New Construction	3															
Total			23															
10	RWC 714: Upgrading to Bitumen Standard of Kipsonoisungurusei – Kamureito – Kaptulwo – Kirichatkapkelei Technical Road	The revised BOQ with revised quantities for Bill 9 has been amended and attached as Annex 4 and should be used in place of the attached BOQ in the tender document																
11	RWC 719: Upgrading to Bitumen Standard of Cherangani – Kipkeikei – Suwerwa – Kmaoi – Kapcherop – Makutano - Kaptalamwa	The correct Tender name for the Tender for Cherangani – Kipkeikei – Suwerwa – Kmaoi – Kapcherop – Makutano - Kaptalamwa, Tender No. RWC/719 is Upgrading to Bitumen Standards of Kipkeikei - Suwerwa - Kamoi - Kapcherop - Makutano – Kaptalamwa Road																
12	RWC 720: Upgrading to Bitumen Standard of Wamumu – Karaba – Machanga (Phase 1)	<p>1. Appendix A does not form part of the Appendices under this tender and shall not be filled.</p> <p>2. The PC Sum quantities for Bill items 1.15, 1.17 and 1.22 have been amended and attached as Annex 5 and shall replace those captured under the BOQ in the tender document.</p>																
13	RWC 722: Upgrading to Bitumen Standard of Gikuyari – Getua – Karerema – Ishiara Road (Phase 1)	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.																

SN	Tender Name & No.	Clarification and Amendment
14	RWC 723A: Upgrading to Bitumen Standard of Kivwe – Karingari – Kevote – Nduuri Road	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.
15	RWC 724: Upgrading to Bitumen Standard of Ngong Bypass Road	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.
16	RWC 740: Upgrading to Bitumen Standard of Lodwar – Lorugum – Lorengippi – Loya(W/Pokot) (Phase II) Road – Konyao – Kiwawa Section	<p>1. The following items have been deleted from Section 102 : Extent of Contract :-</p> <ul style="list-style-type: none"> • <i>Laying and compacting of 35mm thick Asphalt concrete type II (0/14 mm) wearing course on carriageway and shoulders or as instructed by the Engineer 8)</i> • <i>Spreading of a single seal surface dressing (10/14mm)</i> <p>The following item has been added to Section 102 : Extent of Contract :-</p> <ul style="list-style-type: none"> • <i>Construction of double-seal surface dressing of 14/20 and 6/10 gradation on carriageway and shoulders</i> <p>2. The revised BOQ with revised quantities for Bill 15 and Bill 16 has been amended and attached as Annex 6 and should be used in place of the attached BOQ in the tender document</p>
17	RWC 762: Belekenya – Karlel – Kaptildil - Chepterit Road	The Location for the Tender for Belekenya – Karlel – Kaptildil - Chepterit Road, Tender No. RWC 762 is Nandi and NOT Uasin Gishu as given in the Long Advertisement.
18	RWC 837: Upgrading to Bitumen Standard of Chebole – Siongiroi – Labotiet – Chebunyo – Dikir Roads	<p>1. The Time for Completion under Section IX: Special Conditions of Contract has been amended as follows:</p> <p>A. Construction: Thirty (30) Months</p> <p>B. Maintenance and Rectification during Defects Liability Period: Twelve (12) Months</p> <p>C. Performance Based Routine Maintenance: N/A</p>

LOT 2 Tenders (Clarifications and Amendments)

SN	Project	Clarification and Amendment
1.	RWC 736: Construction of Enaramatishoreki Bridge	<p>1. Appendix A and Appendix B do not form part of the Appendices under this tender. Item 1.04 shall be a PC Sum of Kshs. 2,000,000.00 provided by the Bidder. Item 1.05 is amended to read as follows; “...E.O item 1.04 for Contractor’s overheads and profits.”</p> <p>2. All drawings referred to under bill items 1.03, 8.09, 17.02 and 20.08 do not form part of this tender document and shall be provided on site upon commencement of the project.</p>
2.	RWC 737: Upgrading to Bitumen Standard of Suswa – Inkorionito – Nairragie – Enkare Road	The quantities for Bill items 12.01 and 12.02 have been amended and attached as Annex 7 and shall replace those captured under the BOQ in the tender document

SN	Project	Clarification and Amendment															
3.	RWC 738: Upgrading to Bitumen Standard of Kirege - Forest - Mabukuro	Bill Item 1.13 under Section VII: BOQ has been amended as follows; <i>“Provide with drivers, insure and maintain two 4WD fully loaded double cabin pick up of minimum diesel engine capacity 2800cc approved for the exclusive use of the Engineer, inclusive of the first 5000 kms per vehicle month. Vehicle to revert to the Contractor at the end of the project.”</i>															
4.	RWC 742: Upgrading to Bitumen Standard of Nyalilbei – Ng’eny – Lower Moiben & Ng’eny – Kapng’etuny-Serego and Loop Roads	<p>1. The tender name has been updated to read UPGRADING TO BITUMEN STANDARD OF NYALILBEI – NG’ENY- LOWER MOIBEN - KAPNG’ETUNY- CHEPTERIT LOWER MOIBEN LOOP, NG’ENY – SUGUTEK AND LEMORU – NATASHA LOOP ROADS</p> <p>2. The following clause under Special Specifications has been amended:</p> <ul style="list-style-type: none"> • <u>Clause 101 LOCATION OF THE PROJECT ROAD</u> <p>The links forming the project road have been amended as follows:</p> <table border="1"> <thead> <tr> <th>S/No.</th><th>Link Name</th><th>Length (Km)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Nyalilbei – Ng’eny – Lower Moiben – Kapng’etuny – Chepterit – Lower Moiben Loop</td><td>20.9</td></tr> <tr> <td>2.</td><td>Ng’eny - Sugutek</td><td>9</td></tr> <tr> <td>3.</td><td>Lemoru – Natasha Loop</td><td>4.1</td></tr> <tr> <td colspan="2">Total</td><td>34.0</td></tr> </tbody> </table>	S/No.	Link Name	Length (Km)	1.	Nyalilbei – Ng’eny – Lower Moiben – Kapng’etuny – Chepterit – Lower Moiben Loop	20.9	2.	Ng’eny - Sugutek	9	3.	Lemoru – Natasha Loop	4.1	Total		34.0
S/No.	Link Name	Length (Km)															
1.	Nyalilbei – Ng’eny – Lower Moiben – Kapng’etuny – Chepterit – Lower Moiben Loop	20.9															
2.	Ng’eny - Sugutek	9															
3.	Lemoru – Natasha Loop	4.1															
Total		34.0															
5.	RWC 746: Upgrading to Bitumen Standard of Selia – Turbo Road	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.															
6.	RWC 749: Upgrading to Bitumen Standard of Gatura - Ngere - Karangi Road	<p>Rates for the following Bill 1 item</p> <p><i>“Provide or rent accommodation for Engineer’s senior and junior staff”</i></p> <p>1.01(I), 1.01(II), 1.01(III), 1.01(IV) and 1.10(V) have been captured under as <i>Annex 8</i> and shall be used in the BOQ in the tender document</p>															
7.	RWC 754: Upgrading to Bitumen Standard of Ngiya Umala – Nyalgunga – Kobare – Nyadhi – Malele – Nyaluanga – Mahola – Mwer and Access to Rabar Centre Road	<p>Under SECTION II: TENDER DATA SHEET Part C. Preparation of Tenders, ITT 21.1 has been amended as below</p> <p><i>“...the amount and currency of the Tender Security shall be KSHS. THREE MILLION FIVE HUNDRED THOUSAND ONLY (3,500,000)”</i></p>															
8.	RWC 763: Upgrading to Bitumen Standard of Kopere – Potopoto – Chemase – Ariok – Kobujoi – Yala Road; Phase 1	The PC Sum quantities for Bill items 1.15, 1.17 and 1.22 have been amended and attached as <i>Annex 9</i> and shall replace those captured under the BOQ in the tender document.															

SN	Project	Clarification and Amendment
9.	RWC 766: Upgrading to Bitumen Standard of Panda Pilis – Kampala – Bakoyot - Mabasi Road	Tender document has been revised. Submission Date Revised to on or before 18th December 2025 at 11.00 am.
10.	RWC 767: Upgrading to Bitumen Standard of Kanyawanga – Kwoyo – Madiaba – Dede – Odongo Oher – Rapogi – Awendo Road	Piling works do not form part of the scope of works under this tender. Under the Summary page for Bill of Quantities this item SHALL NOT be filled.
11.	RWC 768: Upgrading to Bitumen Standard of Mugundoi – Nandi Hills and Kosiage-Cheptulu Roads, Phase 1- Road Project	The PC Sum quantities for Bill items 1.15 and 1.22 have been amended and attached as Annex 10 and shall replace those captured under the BOQ in the tender document.

LOT 3 Tenders (Clarifications and Amendments)

SN	Project	Clarification and Amendment									
1.	RWC 794: Upgrading to Bitumen Standard of Kapseret - Saina Estate - Lobo Road	<p>1. The tender name has been revised to read UPGRADING TO BITUMEN STANDARD OF KAPSERET - SAINA ESTATE - LOBO – RACECOURSE ROAD</p> <p>2. The following clause under Special Specifications has been amended:</p> <ul style="list-style-type: none"> • Clause 101 LOCATION OF THE PROJECT ROAD <p>The link forming the project road has been amended as follows:</p> <table border="1"> <thead> <tr> <th>S/No.</th><th>Link Name</th><th>Length (Km)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Kapseret - Saina Estate – Lobo - Racecourse</td><td>5.0</td></tr> <tr> <td colspan="2">Total</td><td>5.0</td></tr> </tbody> </table>	S/No.	Link Name	Length (Km)	1.	Kapseret - Saina Estate – Lobo - Racecourse	5.0	Total		5.0
S/No.	Link Name	Length (Km)									
1.	Kapseret - Saina Estate – Lobo - Racecourse	5.0									
Total		5.0									
2.	RWC 803: Upgrading to Bitumen Standard of Arankai – Kauho – Rongai – Matahru Centre – Silaga Primary Chirchir School	The project road is located in Uasin Gishu County not Kajiado as captured in the long advert									

LOT 4 Tenders (Clarifications and Amendments)

SN	Project	Clarification and Amendment
1.	RWC 819: Kwa Haraka – Rwanyambo – Karagatha - Kinamba	Appendix D for the tender for Kwa Haraka – Rwanyambo – Karagatha – Kinamba is attached as Annex 11 .
2	RWC 823: Suba South: Lak - Kogelo, Usengere - Onyuera, Kijito - Mwirari	The Tender for Suba South: Lak - Kogelo, Usengere - Onyuera, Kijito - Mwirari, Tender No. RWC/823 is hereby CANCELLED .
3	RWC 827: Jaribuni - Dzitsoni Road	The Location for the Tender for Jaribuni - Dzitsoni Road, Tender No. RWC/827 is Kilifi and NOT Mombasa as given in the Long Advertisement. The Contact Details for Kilifi are as follows; Kenya Rural Roads Authority, Kilifi Regional Office, P.O. Box 27, Eng. Kendagor Mobile No. 0722946287 E-Mail Address: kilifi@kerra.go.ke
4	RWC 830: Upgrading to Bitumen Standard of Murika – Ngage – Mukothima Roads	The correct Tender name for the Tender for Murika – Ngage – Mukothima Roads, Tender No. RWC 830 is Upgrading to Bitumen Standard of Makutano – Katithine, Mukothima – Kirigicha – Mulika, Marimanti – Kibunga - Mukuuni Roads.
5	RWC 832: Upgrading to Bitumen Standard of Kapsorok – Sondu – Kipkok – Mindililwet – Koilsir (Phase I)	1. The correct Tender name for the Tender for Kapsorok - Sondu - Kipkok – Mindililwet - Koilsir (Phase I), Tender No. RWC/832 is Upgrading to Bitumen Standard of Kilibwoni - Terigelessos and Terige - Tuiyobei Roads with location being Nandi and Not Uasin Gishu as given in the Long Advert. 2. The Tender for Kapsorok - Sondu - Kipkok – Mindililwet - Koilsir (Phase I) is given under Lot 1 with the Tender No. being RWC/727.
6	RWC 838: Upgrading to Bitumen Standard of Selia – Turbo Road	1. The correct Tender name for the Tender for Upgrading to Bitumen Standard of Selia – Turbo Road, Tender No. RWC/838 is Upgrading To Bitumen Standard of Nyalilbei - Kaptururei - Sugutek - Kapngetuny - Segero Road Kilibwoni - Terigelessos and Terige - Tuiyobei Roads with location being Uasin Gishu. 2. The Tender for Upgrading to Bitumen Standard of Selia – Turbo Road is given under Lot 2 with the Tender No. being RWC/746.

- The NCA Categories for various tenders under Lot 1, Lot 2, Lot 3 and Lot 4 have been amended as detailed under the tables attached as **Annex 12** herein.
- The Public Procurement Capacity Building Levy (PPCBL) of 0.03% shall apply to all tenders under Lot 1, Lot 2, Lot 3 and Lot 4. Interested bidders MUST ensure their bids conform to this requirement in the format prescribed. An extract with the prescribed format for applying the PPCBL under the Summary of Bills of Quantity is attached as **Annex 13**.

Issue Date 26th November, 2025

5. The Pre-Tender Site Visit Dates for Lot 2, Lot 3 and Lot 4 tenders shall be extended and open to Interested Bidders from 1st December, 2025 to 5th December, 2025. Interested Bidders should contact the Respective Regional Offices for the exercise as detailed in the Long Advert and shall be required to have the Certificate of Bidder's visit to site signed by the respective Regional Directors.
6. The Submission and Opening Date for **Lot 1** tenders is hereby revised from 27th November, 2025 **to** on or before 4th December, 2025 at 11.00 am. This is with the exception of revised Lot 1 tenders given under Table A above.
7. The Submission and Opening Date for Lot 2, Lot 3 and Lot 4 tenders remains **as** on or before 16th December, 2025, 17th December, 2025 and 18th December, 2025 at 11.00 am respectively. This is with the exception of revised Lot 2 tenders given under Table A above.
8. All interested bidders are required to continually check the Authority's website: www.kerra.go.ke for any Tender Addendums or Clarifications that may arise before submission date.
9. Bidders with enquiries are encouraged to do so vide the email address procurement@kerra.go.ke.
10. All other information as pertaining to the tenders remains the same.

Deputy Director (Supply Chain Management)

For: **DIRECTOR GENERAL**

ANNEX 1
(RWC 693)

UPGRADING TO BITUMEN STANDARD OF MATAYOS - NAMWITSULA BRIDGE –NASEWA CAIP - SHIBALE ROAD (C830) RWC 693					
BILLS OF QUANTITIES					
BILL No. 16: BITUMINOUS MIXES					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
	<i>Note: 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</i>				
16.01	Provide, transport over any distance, lay, and compact Asphalt Concrete Type I bumps and rumble strips as per the specifications or as directed by the Engineer at a bitumen content of 5.5 - 7.0% by weight of total mix	m ³	100		
	Bill No. 16 Total Carried Forward to Grand Summary				

ANNEX 2
(RWC 697)

UPGRADING TO BITUMEN STANDARD OF KOIWA – CHEPTALAL – SOTIK – KAPTEBENG'WET/KIMULOT – CHANGOI ROAD RWC 697						
BILLS OF QUANTITIES						
APPENDIX B						
	DESCRIPTION	UNIT	ITEM	QTY	RATE	AMOUNT
1	Executive desk 2.2 x 0.9m with six lockup drawers	NO	NC1.06A	2		
2	Desk 2.2*0.9m with chair and lockup drawers	NO	NC1.06A	4		
3	Office tables 2.2 x 0.9m	NO	NC1.06A	4		
4	Executive swivel orthopeadic chair adjustable height	NO	NC1.06A	6		
5	Standard office chairs	NO	NC1.06A	20		
6	Typist's chair	NO	NC1.06A	3		
7	Typist's chair	NO	NC1.06A	2		
8	Lockable steel stationery cupboard, 1.2m ³ , lockable	NO	NC1.06A	2		
9	Medium size steel filing cabinet, 4 drawers lockable	NO	NC1.06A	3		
10	Medium size steel filing cabinet, 2 lockable drawers	NO	NC1.06A	3		
11	Bookshelf, 1.5m wide 3 shelves (for box files) sliding glass door	NO	NC1.06A	3		
12	Conference table with 15 chairs	NO	NC1.06A	1		
13	Waste paper basket	NO	NC1.06A	10		
14	Curtains for office and laboratory- for all windows and doors	SET	NC1.06A	3		
15	Ordinary 2 hole paper punch	NO	NC1.06A	3		
16	Heavy duty 2 hole paper punch	NO	NC1.06A	2		
17	Computer meeting the following specifications or equivalent: Personal computer with 17" screen full multimedia, 500GB SSD hard disk, 4.0 GB RAM, core i7 processor, complete with all accessories preloaded with latest versions of windows OS, MS Office, pro	NO	NC1.06A	3		
18	Autocad Civil 3D (latest) 6 and licences for above computers	NO	NC1.06A	3		
19	Laptops PC with intel Core i7-4510U Processor 15.4" screen, CPU @ 2.6GHz 8GB RAM 1TB SSD 8xDVD+/-RW approved with Microsoft Windows professional	NO	NC1.06A	3		
20	Latest HP (A4) Laser Printer with accessories	NO	NC1.06A	2		
21	Latest HP (A3) Laser Colour printer with accessories	NO	NC1.06A	2		
22	UPS 600 VA	NO	NC1.06A	2		
23	wall clocks, battery powered min size 350mmx350mm	NO	NC1.06A	1		
24	First aid kit	NO	NC1.06A	5		
25	fire extinguisher, 10 litre capacity, CO2 type	NO	NC1.06A	4		
26	Filling tray- set of 3no.	SET	NC1.06A	2		
27	Refrigerator minimum capacity 0.2m ³	NO	NC1.06A	2		

UPGRADING TO BITUMEN STANDARD OF KOIWA – CHEPTALAL – SOTIK – KAPTEBENG'WET/KIMULOT – CHANGOI ROAD RWC 697						
BILLS OF QUANTITIES						
APPENDIX B						
	DESCRIPTION	UNIT	ITEM	QTY	RATE	AMOUNT
28	Drinking water dispenser, hot/cold	NO	NC1.06A	3		
29	Table - 0.8m ² surface area	NO	NC1.06A	1		
30	cupboard, 0.15m ³ lockable	NO	NC1.06A	1		
31	13kg Gas with three gas burners	NO	NC1.06A	2		
32	A3 Photocopier (approved make), with feeder sorting trays, scanner and print capability	NO	NC1.06A	1		
33	Reams of A4 photocopying paper	NO	NC1.06A	300		
34	Reams of A3 photocopying paper	NO	NC1.06A	20		
35	Electronic scientific calculator, casio fx 991ES PLUS or equivalent approved	NO	NC1.06A	8		
36	Stapling machine Ofrex size 50 or similar with 5000 staples	NO	NC1.06A	3		
37	Heavy duty punch and spiral binder, IBICO AG or similar approved	NO	NC1.06A	3		
38	Digital Camera, megapixel(min) As directed by the engineer, 1920x1080 full HD movie recording, optical steadshot, sweep Panorama, 2.7" LCD screen. Minimum 5x digital zoom, multimedia card/SD 8GB memory, 12 scene selection modes, all inclusive	NO	NC1.06A	4		
39	Provision of mobile phones for supervision team with the latest android version to the approval of the Engineer	ITEM	NC1.06A	4		
40	Laptops PC with intel Core i7-4510U Processor 15" screen, CPU @ 2.6GHz 8GB RAM 1TB SSD 8xDVD+/-RW approved with Microsoft Windows professional	NO	NC1.06A	4		
41	Inkjet Plain paper Fax machine with 4MB of memory	NO	NC1.06A	1		
42	Pencil sharpener (desk mounted type)	NO	NC1.06A	1		
43	Internet provision	ITEM	NC1.06A	1		
Total Carried Forward to item 1.06A						

ANNEX 3
(RWC 705)

UPGRADING TO BITUMEN STANDARD OF KOLELACH BRIDGE-KOLELACH-TAUNET ROAD (RWC 705)		
GRAND SUMMARY OF BILL OF QUANTITIES		
BILL ITEM	DESCRIPTION	AMOUNT (KSHS)
1	Preliminaries and General Items	
4	Site Clearance and Top Soil Stripping	
5	Earth Works	
7	Excavation and Filling of Structures	
8	Culverts and Drainage Works	
9	Passage of Traffic	
12	Natural Material Base and Subbase	
14	Cement or Lime Treated Subbase and Base	
15	Bituminous Surface Treatment and Surface Dressing	
16	Bituminous Mixes	
17	Concrete Works	
21	Miscellaneous Bridge works	
22	Schedule of Dayworks.	
25	HIV/AIDS, Gender & Social Issues, Local Participation	
(A)	SUB-TOTAL (1)	
(B)	Add 15% VARIATION OF PRICE of sub total (1)	
(C)	Add 10% CONTIGENCIES of sub total (1)	
(D)	Sub-Total 2 = A + B + C	
(D)	Add .03% For PPCBL of sub total (2)	
(E)	Add 16% VAT on Sub-Total 2	
	GRAND TOTAL	

ANNEX 4
(RWC 714)

UPGRADING TO BITUMEN STANDARDS OF KIPSONOI-SUNGURUSEIKAMUREITO-KAPTULWO-KIRICHAT-KAPKELEI TECHNICAL ROAD RWC 714					
BILLS OF QUANTITIES					
BILL No. 9: PASSAGE OF TRAFFIC					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
	NOTE: Notwithstanding the provision of Section 9 of the Standard Specification, no extra payments shall be due as all costs shall be deemed to be included in the rates inserted herein				
9.01	Construct and maintain diversions in maximum lengths of 5km sections as directed by the Engineer, including 150mm wearing course gravel all signage, lighting and barriers	Km	25		
9.02	Grade, water and compact existing road; provide, spread, water and compact gravel as directed by the Engineer for maintenance ahead of works.	m ³	22,500		
9.03	Provide, spread, water and compact gravel as directed by the Engineer for maintenance works.	Km	25		
9.04	Allow for the passage of traffic through and around the works	LS	1		
	Bill No. 9 Total Carried Forward to Grand Summary				

ANNEX 5
(RWC 720)

UPGRADING TO BITUMEN STANDARD OF WAMUMU – KARABA – MACHANGA (PHASE 1)					
RWC 720					
BILLS OF QUANTITIES					
BILL No. 1: PRELIMINARIES AND GENERAL ITEMS					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
1.15	Allow a Prime Cost Sum of Kshs. 4,000,000.00 for the RE's miscellaneous account to be spent in whole or part as directed by the RE against receipts.	PC SUM	1	4,000,000.00	
1.16	E.O. item 1.15 for Contractor's overheads and profits.	%			
1.17	Allow a Prime Cost Sum of Kshs. 24,000,000.00 for attendance upon the Resident Engineer' staff.	PC SUM	1	24,000,000.00	
1.18	E.O. item 1.17 for Contractor's overheads and profits.	%			
1.22	Allow a Prime Cost Sum of Kshs. 1,000,000.00 for reagents and material testing as instructed by the Engineer	LS	1	1,000,000.00	
1.23	E.O. item 1.22 for Contractor's overheads and profits.	%			

ANNEX 6
(RWC 740)

UPGRADING TO BITUMEN STANDARD AND MAINTENANCE OF LODWAR – LORUGUM – LORENGIPPI –LOYA(W/POKOT) (PHASE II) ROAD- KONYAO-KIWAWA SECTION RWC 740					
BILLS OF QUANTITIES					
BILL No. 15: BITUMINOUS SURFACE TREATMENT & SURFACE DRESSING TO CARRIAGEWAY, JUNCTIONS, BUSBAYS AND SHOULDERS					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
15.01	Prepare surface of carriageway and shoulders, provide, heat and spray MC 30 cutback bitumen prime coat at 0.8-1.2 Liters/m ²	Liter	250,000		
15.02	Provide, heat and spray 80/100 cut-back bitumen as first seal on shoulders at a rate of 1.0- 1.4l/m ²	Liter	180,000		
15.03	Provide, transport, lay and roll 14/20 mm class 2 pre coated with MC 30 chippings at a rate of 60-90 m ² /m ³	m ³	3,600		
15.04	Provide, heat and spray 80/100 straight run bitumen as binder for second seal on the carriageway at a rate of 0.6-1.0 L/m ²	Liter	240,000		
15.05	Provide, transport, lay and roll 6/10mm class 2 precoated with MC 30 chippings, at a rate of 80-120 m ² /m ³	m ³	2,700		
	Bill No. 15 Total Carried Forward to Grand Summary				

BILL No. 16: BITUMINOUS MIXES					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
16.01	Provide and lay 35mm Asphalt Concrete Type II on carriageway and shoulders as directed by the Engineer at Bitumen Content of 5.5 - 7.0% by weight of total mix.	m ³	0		
16.02	Provide and erect Asphalt Concrete Type I bumps and rumble strips as directed by the Engineer at Bitumen Content of 5.5 - 7.0% by weight of total mix.	m ³	40		
	Bill No. 16 Total Carried Forward to Grand Summary				

ANNEX 7
(RWC 737)

UPGRADING TO BITUMEN STANDARD OF SUSWA - INKORIONITO-NAIRRAGIE-ENKARE ROAD RWC 737					
BILLS OF QUANTITIES					
BILL No. 12: NATURAL MATERIAL FOR SUBBASE AND BASE					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
	Note: No overhaul will be paid for separately under these items as it shall be deemed to have been included in the Contractor's rates				
12.01	Provide gravel sub-base material, spread, compact to at least 100% M.D.D (AASHTO T-180) and shape to level and tolerance.	m ³	44,100		
12.02	Ditto item 12.01 but for base	m ³	41,000		
	Bill No. 12 Total Carried Forward to Grand Summary				

ANNEX 8
(RWC 749)

UPGRADING TO BITUMEN STANDARD OF GATURA - NGERE - KARANGI ROAD RWC 749					
BILLS OF QUANTITIES					
Bill No. 1: PRELIMINARIES AND GENERAL ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (KES)
	Provide or rent accommodation for Engineer's senior and junior staff				
NC1.01(I)	(i)Type I - 1 No.	Month	18	75,000.00	
NC1.01(II)	(i)Type II - 2 No.	Month	36	65,000.00	
NC1.01(III)	(iii) Type III - 3 No.	Month	54	50,000.00	
NC1.01(IV)	(iv) Type IV - 3 No.	Month	54	40,000.00	
NC1.01(V)	(v) Type V - 5 No.	Month	90	25,000.00	
	Total		Total Item 1.01		
Bill No. 1 Total Carried Forward to Grand Summary					

ANNEX 9
(RWC 763)

**UPGRADING TO BITUMEN STANDARD OF KOPERE – POTOPOTO – CHEMASE – ARIOK – KOBUIJOI –
YALA ROAD; PHASE 1: 21 KM
RWC 763**

BILLS OF QUANTITIES

BILL No. 1: PRELIMINARIES AND GENERAL ITEMS

BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
1.15	Allow a Prime Cost Sum of Kshs. 7,200,000.00 for the RE's miscellaneous account to be spent in whole or part as directed by the RE against receipts.	PC SUM	1	7,200,000.00	
1.16	E.O. item 1.15 for Contractor's overheads and profits.	%			
1.17	Allow a Prime Cost Sum of Kshs. 12,000,000.00 for attendance upon the Resident Engineer' staff.	PC SUM	1	12,000,000.00	
1.18	E.O. item 1.17 for Contractor's overheads and profits.	%			
1.22	Allow a Prime Cost Sum of Kshs. 1,000,000.00 for reagents and material testing as instructed by the Engineer	LS	1	1,000,000.00	
1.23	E.O. item 1.22 for Contractor's overheads and profits.	%			

ANNEX 10
(RWC 768)

UPGRADING TO BITUMEN STANDARD OF MUGUNDOI –NANDI HILLS AND KOSIAGE-CHEPTULU ROADS, PHASE 1-ROAD PROJECT RWC 768					
BILLS OF QUANTITIES					
BILL No. 1: PRELIMINARIES AND GENERAL ITEMS					
BILL ITEM	DESCRIPTION	UNIT	QTY	RATE (KSHS.)	AMOUNT (KSHS.)
1.15	Allow a Prime Cost Sum of Kshs. 7,200,000.00 for the RE's miscellaneous account to be spent in whole or part as directed by the RE against receipts.	PC SUM	1	7,200,000.00	
1.16	E.O. item 1.15 for Contractor's overheads and profits.	%			
1.22	Allow a Prime Cost Sum of Kshs. 1,000,000.00 for reagents and material testing as instructed by the Engineer	LS	1	1,000,000.00	
1.23	E.O. item 1.22 for Contractor's overheads and profits.	%			

ANNEX 11
(RWC 819)

APPENDIX D			
RWC 819			
UPGRADING TO BITUMEN STANDARD OF HARAKA - KAGERAINI - RWANYAMBO - KARANGATHA – KINAMBA ROAD			
S/No.	Item Description	GEODETIC GLOBAL NAVIGATION SATELLITE SYSTEM SPECIFICATIONS (GNSS)	REMARKS
1	Geodetic GNSS Receivers	General Characteristics	
		Geodetic Set enabled for both Static and RTK functions with respective supporting software and accessories	
		Specific Specifications	
		1. Channels: At least 120 enabled for simultaneous signal tracking	
		2. Reception	
		Must be enabled for Multi - Constellation / Frequency i.e current systems e.g. GPS (L1, L2, L2C, L5)	
		GLONASS (L1C/A, L1P, L2C/A); SBAS (EGNOS, WAAS, MSAS, GAGAN, QZSS)	
		Galileo ready: E1, E5A, E5B	
		BeiDou ready (Compass) : B1, B2	
		Must have some multipath mitigation technology embeded	
		Note: Should be configured to recieve new and upcoming constellations (if any)	
		2. Accuracy :	
		Real Time Kinematics (RTK)	
		Horizontal: 8 mm + 1 ppm RMS	
		Vertical: 15 mm + 1 ppm RMS	
		Initialization time: typically < 5 s	
		- Initialisation reliability >99.9%	
		Post Processing Static	
		Horizontal: 3 mm + 0.5 ppm RMS	
		Vertical: 5 mm + 0.5 ppm RMS	
		Baseline Length: ≤ 80 km	

		3. Special functionalities	
		Extended RTK range - base setup	
		- the base receiver to be able to stream RTK data via integrated GSM modem and to support upto 10 rovers simultaneously	
		- the base to provide WiFi hotspot functionality for better control/setup of the receiver	
		- the base to provide web interface functionality via any smart phone, tablet or computer	
		- the base to provide NTRIP caster and dyndns functions	
		Increased reliability - rover setup	
		- the rover to provide a mode for better performance under difficult conditions (close to buildings, trees and urban areas)	
		- the rover to be able to connect to any CORS GNSS networks or Single stations via internet	
		4. Communications	
		a) I/O	
		· 2x TNC connector (1 for UMTS antenna and 1 for UHF antenna)	
		· 2x LEMO	
		· 1x high speed USB	
		· Integrated GSM/GPRS modem	
		· Integrated Bluetooth class 2	
		· Optional radio modem (2):	
		Internal Rx/Tx: 403473 MHz	
		External Radio: 1W 35W adjustable (at least 12Km range)	
		· Should be configured to log into any upcoming CORS protocol	
		· Should be enabled to use SIM card	
		b) Radio Transmission Protocols (RTK)	
		RTCM2.1, RTCM2.3, RTCM3.0, CMR, CMR+ input and output	
		NMEA0183 output	
		5. Data Storage:	
		· Must be able to store raw data	
		· Must have at least 4 GB internal storage	
		· Optional external microSD storage	
		· Device should mount as a USB external hard drive	
		6. Power Supply	
		· Battery life: at least 5 hours in RTK mode	

		· Must have External power input option	
		· Each set should be supplied with two internal battery packs	
		7. Software	
		Two types of software	
		a) for Static	
		· Permanent licence to be included (protected by USB dongle)	
		· Must be able to process raw data (GPS L1&L2, Glonass L1&L2) from leading brands	
		· Must be able to define datums and compute various transformations	
		· Must be able to do 3D adjustment	
		· Must be able to export/import raw data to RINEX format and process the same. This feature must be inclusive of the total cost	
		b) for RTK	
		Supplier should provide licence free field data collection software that has the following key survey operational features:-	
		▪must provide functions for topo survey	
		▪must provide functions for stakeout	
		▪Operating platform - Windows Mobile 6.5 or equivalent	
		8. Sourcing	
		The equipment must be sourced from manufacturer's authorized dealers in Kenya who must be capable of training users and commissioning the equipment for full use.	
		9. Warranty	
		Minimum of One year	

ANNEX 12
(REVISED NCA CATEGORIES)

LOT 1			
S/N	Tender No.	Tender Name	Revised NCA Requirements
1	RWC 700	Holo - Lela	1 or 2 or 3 or 4
2	RWC 704	Gatukuyu – Makwa – Ngethu – Ithanga	1 or 2 or 3 or 4
3	RWC 707	Cheptiret – Chepkongony – Flax	1 or 2 or 3 or 4
4	RWC 708	Solian – Lebolos – Naitili – Kiplombe – Esageri Road	1 or 2 or 3 or 4
5	RWC 709	Kabartonjo - Barwesa	1 or 2 or 3 or 4
6	RWC 715	Sikusi - Mukhweya - Lurende-Katenya Junction	1 or 2
7	RWC 716	Masaek – Kdf - Kaboriot Road	1 or 2 or 3 or 4
8	RWC 717	Butula – Nambale – Amukura - Amagoro	1 or 2
9	RWC 718	Tenden - Kibigos - Makutano	1 or 2 or 3 or 4
12	RWC 720	Wamumu - Karaba - Machanga Phase 2	1 or 2 or 3 or 4
13	RWC 721	Maroon – Wewo – Katilit – Mungwo – Chemisto - Sewes	1 or 2 or 3 or 4
14	RWC 722	Gikuyari – Kirie - Ishiara Phase I	1 or 2 or 3 or 4
15	RWC 723B	Kivwe - Kithimu-Ena	1 or 2 or 3 or 4
16	RWC 727	Kapsorok - Sondu - Kipkok – Mindililwet - Koilsir Phase I	1 or 2 or 3 or 4

LOT 2			
S/N	Tender No.	Tender Name	Revised NCA Requirements
1	RWC 731	Tutua – Mbaaria – Kirachene – Gitimene – Kiirua - Gitoro: Phase Kiirua - Gitoro	1 or 2 or 3 or 4
2	RWC 734	Maji Punda - Itare Road	1 or 2 or 3 or 4
3	RWC 738	Kirege - Forest – Mabukuro	1 or 2 or 3 or 4
4	RWC 739	Kibugua - Magenka – Itugururu	1 or 2 or 3 or 4
5	RWC 746	Selia - Turbo	1 or 2 or 3 or 4
6	RWC 747	Phase 2 Maraa - Mworoga -Mitunguu	1 or 2 or 3 or 4
7	RWC 748	Rianjeru - Rwika - Gachuriri - Kiritiri	1 or 2 or 3 or 4
8	RWC 749	Gatura - Ngere - Karangi	1 or 2 or 3 or 4
9	RWC 758	C439 Matuu – Ikombe - Katangi	1 or 2 or 3 or 4
10	RWC 759	Chepkorio Township – Kaplomo - Kisaina Road	1 or 2 or 3 or 4
11	RWC 762	Belekenya – Karlel – Kaptildil - Chepterit Road	1 or 2 or 3 or 4
12	RWC 764	Kaptambuliet Bridge	1 or 2 or 3 or 4

LOT 3			
S/N	Tender No.	Tender Name	Revised NCA Requirements
1	RWC 786	Ainamoi Centre - Kapsaos Road	1 or 2 or 3 or 4
2	RWC 787	Tegat– Kaplelit – Burutu – Kokwet Road/Toroton – Yalla – Chepkechei – Songenyet Road	1 or 2 or 3 or 4
3	RWC 788	Rangwe - Ndiru	1 or 2 or 3 or 4
4	RWC 789	Koisagat – Kapchemakilot – Sach - Kabenos	1 or 2 or 3 or 4
5	RWC 791	Gacharage - Kagongo- St. Angela Secondary School Road	1 or 2 or 3 or 4
6	RWC 793	Kwa Jesee - Nguguini	1 or 2 or 3 or 4
7	RWC 794	Kapseret - Saina Estate-Lobo	1 or 2 or 3 or 4

		LOT 4	
S/N	Tender No.	Tender Name	Revised NCA Requirements
1	RWC 817	Etago - Ekona - Nyamaiya - Mogenda	1 or 2 or 3 or 4
2	RWC 821	Baricho - Njegas - Ngaru - Gakoigo - Kangaita -Kiaritha - Kerugoya	1 or 2 or 3 or 4
3	RWC 826	Kimilili - Kapsokwony	1 or 2 or 3 or 4
4	RWC 839	St. Michael Kakimiti - Chawis Primary - Chepkoit Jnct - Kamogo - Lemeiywo Primary	1 or 2 or 3 or 4

ANNEX 13
(PUBLIC PROCUREMENT CAPACITY BUILDING LEVY - PPCBL)

EXTRACT OF SUMMARY - BoQ

Item	Description	Amount
A.	Sub-Total (1)	
B.	Add% Variation of Price on Sub-Total 1	
C.	Add% Contingency on Sub-Total 1	
D.	Sub-Total 2 = A + B + C	
E.	Add 0.03% For PPCBL of sub total (2)	
F.	Add 16% VAT on Sub-Total 2	
TOTAL (D +E + F)		