

REPUBLIC OF KENYA



**EMBU COUNTY GOVERNMENT**

Date 16/12/2025

**ADDENDUM NO. 02**

**REF; ADDENDUM NO. 02 NOTICE FOR UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD NEG. NO. 2062772-2025/2026**

This is to notify you of the following correction in the advertised bid document;

**OMMIT BILLS OF QUANTITIES FROM PAGE 62- 78 in part 2 works requirements section V- of the tender document and replace with addendum 02 page 1-17.**

The addendum will form part of the tender document.

The closing date remains **22<sup>nd</sup> December, 2025** at **11.00am** and opening will be done thereafter at the Procurement Block



**Director Supply Chain Management Services  
For County Secretary,  
Embu County Government**

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 1. PRELIMINARIES AND GENERAL ITEMS</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
1.01	Allow PC Sum of Ksh.200,000 for offsite material testing as instructed by the Engineer	PC	1.00	200,000.00	200,000.00
1.02	E.O item 1.01 for contractor's profits and overheads	%	1.00		
1.03	Allow PC Sum of Ksh.100,000 for survey works	PC	1.00	100,000.00	100,000.00
1.04	E.O item 1.01 for contractor's profits and overheads	%	1.00		
1.05	Provide, erect and maintain publicity signs as directed by the Engineer	No.	1.00	50,000.00	50,000.00
1.06	Allow prime cost PC sum of KShs 900,000 for attendance upon the Engineer by the staff in accordance with Clause 137 of Special Specification.	PC	1.00	900,000.00	900,000.00
1.07	E.O. Item 1.06 for Contractor's profits and overheads	%	1.00		
1.08	Allow Prime Cost Sum of Kshs. 200,000 for Engineer's miscellaneous account to be spent as directed by the Resident Engineer	PC	1	200,000.00	200,000.00
1.09	Extra-over Item 1.03 for Contractor's overhead and profit	%	200,000		
1.10	Allow prime cost sum of Ksh 50,000 for Resident Engineer's airline charges	PC	1.00	50,000.00	50,000.00
1.11	E.O. Item 1.09 for the contractor's overheads and profit	%	1.00		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>Bill No. 3: SETTING OUT</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
3.1	Setting out of horizontal alignment	M	650		
<b>Total Carried Forward to Summary Sheet</b>					



**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 4 : SITE CLEARANCE AND TOP SOIL STRIPPING</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
<b>4</b>	<i>Dismantling of structures on roadway including sorting out the dismantled material, disposal of unserviceable material complete with leads and lifts as instructed by the Engineer and utilizing the serviceable material free of cost in permanent works.</i>				
04.50.008	Provide KShs 50,000 for the removal of structures and obstructions	Prov Sum	1.00	50,000.00	50,000.00
04.50.008 (i)	E.O. item 04.50.008a for Contractor's overheads and profits.	% of item			
04.50.009	<i>Clear site on road reserve including removal of all growth, bushes, hedges, trees, stumps, grab up roots and other deleterious materials and back fill and compact to 100% MDD (AASHTO T99) with approved material as directed by the Engineer</i>	m <sup>2</sup>	2,480.00		
04.50.010	Demolish reinforced or mass concrete structures and cart to spoil or stockpile for re-use.	m <sup>3</sup>	3.00		
04.60.005	Excavate, remove and dispose cracked pipe culverts 600mm and below in diameter	M	7.00		
04.80.002	Strip top soil upto 0.2m in thickness along alignment or material sites including removal of all grass and other vegetation, transport to spoil and spread or stock pile for re-use as directed by the Engineer	m <sup>3</sup>	520		
04.80.003	Allow a Provisional sum of Ksh. 200,000.00 for removal and relocation of services	Prov Sum	1.00		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 5 : EARTHWORKS</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
	<b>NOTE: No separate payment shall be made for the overhaul of material and the cost of such haulage shall be included in the rates and/or prices inserted</b>				
05.50.006	Fill in soft material and compact in layers not exceeding 150mm	m <sup>3</sup>	372.00		
05.50.007a	Fill in hard material and compact	m <sup>3</sup>	124.00		
05.50.008a	Cut mechanically to spoil in soft material	m <sup>3</sup>	150.00		
05.50.009a	Cut to spoil in hard material	m <sup>3</sup>	160.00		
05.60.012	Compact of subgrade in cut	m <sup>2</sup>	2,480.00		
05.60.013	Compact of subgrade in fill	m <sup>3</sup>	390.00		
05.60.014	Compaction of original ground below fills to 95% MDD (AASHTO T99)	m <sup>3</sup>	585.00		
05.60.015	Top-soiling prior to planting grass as directed by the Engineer	m <sup>2</sup>	380.00		
05.60.016	Grassing as directed by the Engineer	m <sup>2</sup>	380.00		
<b>Total Carried Forward to Summary Sheet</b>					



**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL 7: EXCAVATION AND FILLING FOR STRUCTURES</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>		<b>AMOUNT (KSHS)</b>
	<b>These work items covers all excavations and filling operations to gabions, retaining walls and other major structures.</b>				
07.50.001	Excavate in soft material for structures	m <sup>3</sup>	0.00		
07.50.002	As item 7.01 but in hard material.	m <sup>3</sup>	0.00		
07.70.004	Provide and place macaferri of equivalent gabion boxes(2m*1m*1m)	m <sup>2</sup>	0.00		
07.70.005	Provide and place rockfill in gabions	m <sup>3</sup>	0.00		
7.06	Provide,place and compact rockfill below structures.	m <sup>3</sup>	0.00		
07.70.001	Provide stone pitching including grouting of ratio1:4 cement to sand	m <sup>2</sup>	780.00		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 8. CULVERTS AND DRAINAGE WORKS</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
	<i>Note: No separate payments shall be made for gravel for blinding or hauling to spoil unsuitable excavation materials and the cost of such shall be included in the rates and prices.</i>				
8.01	Excavate for inlet,outfall,mitre and catch water drains in soft material	m <sup>3</sup>	660		
8.02	Ditto item 8.01, but for hard material	m <sup>3</sup>	5		
08.60.030	Excavation in soft material for pipe culverts,headwalls, wingwalls, apron, toewalls,and drop inlets and compact as directed by the engineer	m <sup>3</sup>	70		
08.60.031	Ditto item 8.03, but for hard material	m <sup>3</sup>	5		
08.60.022	Provide,lay and joint 450mm dia. concrete pipes (precast to BS 5911 Parts 1 & 3) for service ducts	m	20.00		
08.60.024	Provide,lay and joint 600mm dia. concrete pipes (precast to BS 5911 Parts 1 & 3) for access roads	m	70.00		
08.60.026	As for item 8.05 but 900mm dia concrete pipes (precast to BS 5911 parts 1 & 3) as instructed by the Engineer	m	21.00		
8.07	Provide and place class 15/20 concrete for blinding	m <sup>3</sup>	3.70		
8.08	Provide and place class 20/20 concrete to beds, surround and haunches	m <sup>3</sup>	50.00		
<b>Total carried forward to the next page</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
8.09	Provide, place and compact class 25/20 concrete for headwalls, wingwalls, aprons, and inspection chambers including covers, all form work and the provision and placing of reinforcement as shown in the drawings or as directed by the Engineer	m <sup>3</sup>	5.00		
8.10	Construct in concrete class 20/20 side drains scour checks as instructed	m <sup>3</sup>	0		
8.11	Provide and place 300mm dia. invert block drains with maximum of three course side slabs (Provisional)	m	300		
8.12	Provide and install in place precast cover slabs measuring 1200mm x 1000mm x 150mm thick, reinforced with D10 bars at 200mm c/c each way as instructed by the Engineer	No.	5		
<b>Total for this page</b>					
<b>Total brought from the previous page</b>					
<b>Total Carried Forward to Summary Sheet</b>					



**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

BILL NO. 9: PASSAGE OF TRAFFIC					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (KSHS)
	<b>NOTE:</b> 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				
09.50.001	Allow for the passage of traffic through and around the works	Monthly	6		
Total Carried Forward to Summary Sheet					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

	<b>BILL 12: NATURAL GRAVEL SUB-BASE AND BASE</b>				
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>		<b>AMOUNT (KSHS)</b>
	<i>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</i>				
12.50.003a	Provide gravel sub-base material , haul, spread, compact to at least 100% M.D.D (AASHTO T-180) and shape to level and tolerance.	m <sup>3</sup>	828.75		
12.50.003b	Ditto 12.01 but for base	m <sup>3</sup>	799.50		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL 14: CEMENT OR LIME TREATED SUB-BASE AND BASE</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>		<b>AMOUNT (KSHS)</b>
	<i>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</i>				
14.50.001	Provide and spread cement as an improvement agent for base	Tonnes	40.00		
14.50.003	Mix and process natural material with improvement agent for pavement layers as instructed by the Engineer or as specified	m <sup>3</sup>	762.60		
14.50.004	Curing of cement / lime treated base and sub-base layers	m <sup>2</sup>	4,960.00		
<b>Total Carried Forward to Summary Sheet</b>					



**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 15: BITUMINOUS SURFACE TREATMENT &amp; SURFACE DRESSING TO SHOULDERS</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
15.50.002	Prepare surface of road base and shoulders, provide, heat and spray MC 30 cutback bitumen prime coat at 0.8-1.2 Litres/m <sup>2</sup> .	Litres	5,524.20		
15.50.003	Provide, heat and spray 80/100 cut-back bitumen as first seal on the carriageway and shoulders at a rate of 1.0-1.4 Litres/m <sup>2</sup> .	Litres	7,030.80		
15.60.005	Provide, transport, lay and roll 14/20 mm Class 3 pre-coated with MC 30, chippings at a rate of 60-90m <sup>2</sup> /m <sup>3</sup>	m <sup>3</sup>	83.70		
15.50.003	Provide, heat and spray 80/100 cut-back bitumen as second seal on the carriageway and shoulders at a rate of 1.0-1.4 Litres/m <sup>2</sup> .	Litres	7,030.80		
15.60.003	Provide, transport, lay and roll 6/10 mm Class 3 pre-coated with MC 30, chippings at a rate of 80-120 m <sup>2</sup> /m <sup>3</sup>	m <sup>3</sup>	62.78		
15.50.003a	Provide & spray K1-60 as tack coat on carriageway, rate of 0.8-1.0 Litres/m <sup>2</sup>	litre	200.00		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 16: BITUMINOUS MIXES</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
16.50.001a	Trim, cut and cleanfailed bituminous surface	M3	6.00		
16.50.001	Provide, lay and compact Asphalt Concrete to repair areas and regulation to carriageway	M3	6.50		
16.60.001a	Provide, lay and compact Asphalt Concrete Type II wearing course as directed by the Engineer at Bitumen content of 5.5 - 7.0% by weight of total mix.	m <sup>3</sup>	0.00		
16.50.001	Provide and erect Asphalt Concrete Type I Speed bumps and Rubble strips as directed by the Engineer at Bitumen Content of 5.5 - 7.0% by weight of total mix.	m <sup>3</sup>	8.00		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 17: CONCRETE WORKS</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
	<b>RETAINING WALL &amp; CROSSING SLABS</b>				
	<u>Concrete</u>				
17.01	Provide and place A142 fabric mesh reinforcement	m <sup>2</sup>	100.80		
17.60.001	Provide, place and compact Class 15/20 concrete blinding as instructed by the Engineer	m <sup>3</sup>	0.00		
17.60.002	Provide, place and compact class 20/20 concrete as instructed by the engineer	m <sup>3</sup>	60.00		
	<b>Reinforcement: Reinforcement to BS 4449 : 1997, grade 460B high strength type ii ribbed bars with proof strength of 460N/MM2 including all necessary cutting, bending, fixing and provision of spacer blocks and stools to engineers details</b>				
17.80.004	16mm diameter and below	Tonne	0.00		
	<b>Formwork : Provide, erect and afterwards dismantle and remove all the formwork as specified by the Engineer</b>				
17.60.003	Provide & fix in place formwork to achieve class F1 finish	m <sup>2</sup>	201.30		
<b>Total Carried Forward to Summary Sheet</b>					



**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 20: ROAD FURNITURE</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>		<b>AMOUNT (KSHS)</b>
20.50.011a	Provide, deliver, paint and mark the road as specified or as directed by the Engineer, with yellow reflectionized thermoplastic paint from an approved supplier.	m <sup>2</sup>	65.00		
20.50.010a	Provide, deliver, paint and mark the road as specified or as directed by the Engineer, with white reflectionized thermoplastic paint from an approved supplier.	m <sup>2</sup>	130.00		
20.50.001	Provide and place gauge 16 steel pipe bollards of diameter 150mm and 1.05 m above the ground embended to a depth of 0.45m at place complete with paint and reflective tapes as directed by the engineer	No.	20.00		
	Provide and erect permanent road signs where instructed by the Resident Engineer and in accordance with Special Specifications Clause 2004 as follows				
20.70.002	a) Warning signs	No.	4		
20.70.005	b) Priority prohibitory and mandatory signs	No.	0		
20.70.005	c) Standard informatory signs	No.	0		
20.50.004	Provide Edge marker posts	No.	4		
<b>Total Carried Forward to Summary Sheet</b>					

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET  
ROAD**

<b>BILL NO. 24 : ENVIROMENTAL MITIGATION</b>					
<b>24.01</b>	Allow for a PC sum of Kshs. 200,000 for environmental mitigation plan measures as directed by the Engineer	PC Sum	1	200,000.00	200,000.00
<b>Total Carried Forward to Summary Sheet</b>					<b>200,000.00</b>

**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>BILL NO. 25: HIV &amp; AIDS CAMPAIGN</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT (KSHS)</b>
20.01	Provide, Instal and maintain HIV/AIDS awareness bill boards with approved message and graphics with maximum area 2m <sup>2</sup> fabricated as per specifications of permanent informatory sign boards	No.	1.00	50,000.00	50,000.00
25.02	Allow for {i} Engagement of a HIV/AIDS specialist to deal with prevention and awareness activities as per programme {ii} Provision of male and female condoms to workers and staff strategically and socially presented. {iii} Preparation and submissin of inception report, baseline survey report(knowledge attitudes and practices report), mid term review report and end term report, {iv} Preparation and submmision of monthly reports on HIV/AIDS awareness and prevention activities to be approved by the Engineer	Months	6.00	50,000.00	300,000.00
25.03	All for a prime cost sum for of KShs 150,000 for ESIA study and report, Compliance Audits and environmental monitoring.	PC sum	1	150,000.00	150,000.00
25.04	Estra Over item 25.01 for contractor's overheads and profits	%	1		
	<b>Total Carried Forward to Summary Sheet</b>				



**ADDENDUM 02 FOR- UPGRADING TO BITUMEN STANDARDS OF RWIKA MARKET ROAD**

<b>SUMMARY SHEET</b>		
<b>SUMMARY OF BILL OF QUANTITIES</b>		
<b>BILL ITEM</b>	<b>DESCRIPTION</b>	<b>BILLED AMOUNT (KShs)</b>
1	Preliminaries and General Items	0.00
3	Setting Out	
4	Site Clearance and Top Soil Stripping	
5	Earth Works	
7	Excavation and Filling of Structures	
8	Culverts and Drainage Works	
9	Passage to Traffic	
12	Natural Gravel Base and Subbase	
14	Cement or Lime treated base and subbase	
15	Bituminous Surface Treatment and Surface Dressing	
16	Bituminous Mixes	
17	Concrete Works	
20	Road Furniture	
24	Landscaping & Enviromental Mitigation Measures	
25	HIV/AIDS Awareness	
( A )	<b>SUB-TOTAL ( 1 )</b>	
(B)	Add 2.5% CONTIGENCIES of sub total ( 1 )	
(C)	<b>SUB-TOTAL ( 2 )</b>	
	<b>Add 16% VAT</b>	
	<b>GRAND TOTAL (Carried to the Form of Tender)</b>	
Amount in (words) Shillings: .....		
Tenderer's signature ..... Stamp....		
Date. ....		
Witness name.....		
Witness address:.....		
Date: .....		