

**KENYA ELECTRICITY GENERATING COMPANY LIMITED**

**KGN-HYD-02-2017: TENDER FOR REHABILITATION OF THE ROAD FROM KAEWA JUNCTION TO MASINGA POWER STATION (RESERVED FOR WOMEN FIRMS REGISTERED UNDER AGPO SCHEME)**

Date: 20<sup>th</sup> February 2017

**Addendum 1:**

In accordance with Tender for Rehabilitation of the Road from Kaewa Junction to Masinga Power Station (Reserved for Women Firms Registered under AGPO Scheme) wishes to issue addendum no.1

This addendum addresses the following:

- a. Revised bill of quantities (Page 72-79)

***Bidders are advised to disregard the earlier bill of quantities, that was initially outlined in the tender document and incorporate the revised addendum (attached below)***

**ACKNOWLEDGEMENT OF ADDENDUM 1**

We, the undersigned hereby certify that the Addendum is an integral part of the document and has been incorporated in the tender document.

**Signed .....**

**Tenderer .....**

**Date .....**

**Kaewa – Masinga Road**

<b>Bill of Quantities</b>					Page: 1	
<b>Bill No.1</b>	<b>General: Office administration and overheads/Preliminaries</b>				<b>Project:</b>	
<b>Item No.</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Bid Rate(Ksh)</b>	<b>Amount KSh</b>	<b>Technology</b>
01-01	Allow for mobilization and demobilization	SUM				
01-02	Allow for setting contractor's camp with required facilities and maintenance of the camp.	SUM				
01-01	Allow a prime cost of sum for materials testing as directed by the Engineer	SUM		300,000		
01-04	Allow for setting out of the road	SUM				
	<b>Total Carried Forward to Summary:</b>					

Road Code						
<b>Package:</b>						
Contractor						
<b>Bill of Quantities</b>					Page: 2	
<b>Bill No.2</b>	<b>PASSAGE OF TRAFFIC</b>				<b>Project:</b>	
<b>Item No.</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Bid Rate(Ksh)</b>	<b>Amount KSh</b>	<b>Technology</b>
02-01	Allow for the passage of traffic through the works	km	5			
<b>Total Carried Forward to Summary:</b>						

Bill of Quantities				Page: 3		
Bill No.3	GRADING AND DRAINAGE			Project:		
Item No.	Description	Units	Quantity	Unit Bid Rate(Ksh)	Amount KSh	Technology
01-01	Grade shape, worn out shoulders ,accesses and reinstate all the side drains as directed by the Engineer	M <sup>2</sup>	60,000			MB
01-02	Allow for compaction of graded shoulder to 95% MDD	M <sup>2</sup>	60,000			MB
01-01	Allow for clearing of all the culvert drains of debris and reinstate the drains to outfall	Sum				LB
01-04	Supply of materials, labour and reinstating stone pitched areas	M <sup>2</sup>	500			LB
	<b>Total Carried Forward to Summary:</b>					

<b>Bill of Quantities</b>						Page: 4	
<b>Bill No.4</b>	<b>NATURAL MATERIAL BASES AND SUBBASE</b>					<b>Project:</b>	
<b>Item No.</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Bid Rate(Ksh)</b>	<b>Amount KSh</b>	<b>Technology</b>	
04-01	Excavation and spoiling of the existing bituminous layers to any distance where directed by the Engineer	M <sup>3</sup>	100				MB
04-02	Provide, place and spread and compact natural gravel of CBR greater than 30% to form base as specified and as directed by the Engineer.	M <sup>3</sup>	13,200				MB
04-01	Allow for protection of the compacted bases	M <sup>2</sup>	66,000				
	<b>Total Carried Forward to Summary:</b>						

<b>Bill of Quantities</b>					Page: 5	
<b>Bill No.5</b>	<b>CEMENT TREATMENT</b>				<b>Project:</b>	
<b>Item No.</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Bid Rate(Ksh)</b>	<b>Amount KSh</b>	<b>Technology</b>
05-01	Provide, transport to site and spread cement, as stabilizing agent for the natural gravel subbase and base material as specified and as directed by the Engineer at 40-60kg/m <sup>3</sup>	ton	60			LB/MB
05-02	Allow for mixing in cement into natural gravel	M <sup>2</sup>	22,000			LB/MB
05-02	Allow for curing and protection of the treated materials as specified	M <sup>2</sup>	22,000			LB
	<b>Total Carried Forward to Summary:</b>					

<b>Bill of Quantities</b>					Page: 6	
<b>Bill No.6</b>	<b>BITUMINOUS SURFACE TREATMENT AND SURFACE DRESSING</b>				<b>Project:</b>	
<b>Item No.</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Bid Rate(Ksh)</b>	<b>Amount KSh</b>	<b>Technology</b>
06-01	Provide , place and compact hot rolled asphaltic concrete Type2 .	M <sup>3</sup>	300			MB
06-02	Prepare surface of carriageway, shoulders, junctions, accesses etc ; provide and spray MC 30 cut-back bitumen as prime coat at a spray rate of 1.0-1.2 lts/m2 or as directed by the Engineer	litres	95,000			MB
06-01	Prepare, primed surface, provide MC 3000 tack coat bitumen as binder at a spray rate of 1.0-1.3 ltr/m2 or as directed by Engineer.	litres	13,650			MB
06-04	Provide, spread and roll 10/14mm pre-coated chippings single seal at a spread rate of 75-90m2/m3 or as directed by the Engineer	M <sup>2</sup>	13,650			MB
	<b>Total Carried Forward to Summary:</b>					

<b>Bill of Quantities</b>				Page: 7		
<b>Bill No.7</b>	<b>BITUMINOUS MIX BASES</b>	<b>Project:</b>				
<b>Item No.</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Bid Rate(Ksh)</b>	<b>Amount KSh</b>	<b>Technology</b>
07-01	Prepare surface of entire carriageway area , provide, spray K1-60 bitumen emulsion as binder at a spray rate of 1-1.2 Lt/M <sup>2</sup> as directed by the Engineer	litres	55,800			MB
07-02	Provide place and compact hot rolled asphaltic concrete Type1 to the prepared carriageway surface 0.015mm thick on carriageway as directed by the Engineer	M3	2,370			
	<b>Total Carried Forward to Summary:</b>					



<b>Bill of Quantities</b>		Page: 8
	<b>SUMMARY</b>	<b>Project:</b>
<b>Item No.</b>	<b>Description</b>	<b>Amount (KShs)</b>
1	GENERAL: OFFICE ADMINISTRATION AND OVERHEADS/PRELIMINARIES	
2	PASSAGE OF TRAFFIC	
3	GRADING AND DRAINAGE	
4	NATURAL MATERIAL BASES AND SUBBASE	
5	CEMENT TREATED SUBBASE AND BASE	
6	BITUMINOUS SURFACE TREATMENT AND SURFACE DRESSING	
7	BITUMINOUS MIXES	
	<b>Sub Total</b>	
	<b>16% VAT</b>	
	Any other charges	
	<b>Grand Total (carried to Tender Form – Schedule 2)</b>	

