



Office of the Director General

Ref: KeNHA/2717/2023

Date: 3rd October, 2023

To: ALL BIDDERS

CONSTRUCTION OF MAU MAU ROAD PROJECT LOT 2B: MURANG'A COUNTY SECTION.

TENDER No. KeNHA/2717/2023

SUBJECT: ADDENDUM NO. 1

Reference is made to the tender notice published on My Gov Newspaper on 26th September, 2023 and subsequently uploaded on the KeNHA website and PPIP.

Pursuant to Clause 8 (Amendment to Tender Document) of the Instruction to Tenderers, please find the following amendments for your action.

S/No.	Reference in the Tender document	Amendment
1.	Mandatory requirements: Invitation to Tender in the Bid Document and Long tender notice.	Mandatory requirements are amended by adding item no 13: Only Bidders with Current outstanding Commitment of similar nature valued below Kshs 1B (One Billion) are eligible.
2	Section III – Evaluation and Qualification Criteria. Item 9 qualification Form summary.	Table 9. Qualification Form Summary (A. Preliminary evaluation) is amended by adding Item No. 17: Value of outstanding works. Qualification Requirement: Only Bidders with Current outstanding Commitment of similar nature valued below Kshs 1B (One Billion) are eligible. Document To be Completed by Tenderer: Form FIN – 3.4, with attachments
3.	Section V – Bills of Quantities	Replace Bills of Quantity – Summary of Quantities, Bill No. 13, 14, 14A, 15, 16 with the attached Bill Item.
4.	Section 6B – Special Specifications	Replace Section 1: General and Section 13: Graded Crush stone subbase and Base with the attached.

All other details remain as per the tender document.


Levina Wanyonyi

For: DIRECTOR GENERAL

Encl.

A. Work Items

UPGRADING TO BITUMEN STANDARDS MAU MAU ROAD PROJECT LOT 2B		
SUMMARY OF BILL OF QUANTITIES		
BILL ITEM	DESCRIPTION	AMOUNT (KSHS)
1	Preliminaries and Supervisory/Support Services	
4	Site Clearance and Topsoil Stripping	
5	Earth Works	
7	Excavation and Filling of Structures	
8	Culverts and Drainage Works	
9	Passage to Traffic	
12	Natural Material for the Subbase	
13	Graded Crushed Stone for the Base	
14	Lime/Cement Improved gravel Subbase and Base	
14A	Lean Concrete/Concrete Pavement	
15	Bituminous Surface Treatment and Surface Dressing	
16	Bituminous Mixes	
17	Concrete Works	
20	Road Furniture	
21	Miscellaneous Bridge works	
22	Schedule of Dayworks.	
24	HIV AIDS Awareness and Education	
26	Road Safety and Awareness Campaign	
28	Environmental Mitigation Measures	
(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)	
(E)	Add ...16% VAT of sub-total (2)	
TOTAL CARRIED FORWARD TO FORM OF BID		

SECTION 1 – GENERAL

100 SPECIAL SPECIFICATIONS

Special specification is supplementary to the Standard Specifications and the two must be read in conjunction. In any case where there appears to be conflict between the two then the Special Specifications shall take precedence

101 LOCATION OF THE PROJECT

The project road is approximately 31 km long and is situated in Murang'a County whose main economic activities are subsistence farming and large-scale tea and coffee production. Development of the roads will promote social welfare, economic activities as well as agricultural production. The total length of the project will be approximately 31Km and will be funded under the Government of Kenya Development Levy Fund.

102 SCOPE OF WORKS

The scope of works consists of

- I. Upgrading to bitumen standards of JCT C538 (D421) Mitarakwa - JCT C336 Ha Paulo -Mbari ya Hiti - JCT B23 Gatuya, Mbari Ya Hiti-Gitige Road – 15 Km
- II. Upgrading to bitumen standards of JCT C536 Githambo – Nduruini – Matharite – JCT E2144 Githiga, JCT C536 Kahatia – Nduruini E2144 Road – 16Km

The works to be executed under the contract consist of, but are not limited to, the following:

- a. Facilitation of the Supervision staff,
- b. Site Clearance and Topsoil removal,
- c. Earthworks to formation level,
- d. Provision of 150mm Cement Improved gravel subbase,
- e. Provision of 125mm Cement Improved Graded Crushed Stone base,
- f. Provision of 200mm Concrete pavement in selected sections;
- g. Provision, processing and compaction of a 50mm thick layer of Superpave asphalt concrete (AC) as wearing course for the carriageway 6m, shoulders 1m both sides, bus bays, accesses and junctions,
- h. Laying single seal with 10/14mm chippings on carriageway 6m, shoulders 1m both sides, bus bays, accesses and junctions,
- i. Application of penetration grade 80/100 bitumen and single seal surface dressing using pre-coated 10/14mm chippings surface dressing on the carriageway, shoulders, accesses and junctions,
- j. Drainage and protection works shall be as follows:
 - Removal of existing inadequate and defective cross and access culverts, inlets and outlet structures and replace as instructed by the Engineer.
 - Construction of pipe culverts, headwalls, wingwalls and aprons to cross and access culverts inclusive of concrete surround.
 - Construction of side and mitre drains and outfall channels to the whole road including improvement of other drainage and soil erosion protection works.
 - Carryout protection works (scour checks, stone pitching) as instructed by the Engineer.
 - Carryout any miscellaneous works that is not included above but may be deemed necessary by the Engineer for the execution and completion of the works.

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- k. Road Furniture,
 - Provision and erection of all road signs and markings as instructed by the Engineer.
 - Provide, lay and joint raised kerbs, precast concrete channels and invert block drains as instructed by the Engineer.
 - Plant selected grass on slopes of embankment and cuttings.
 - Provide and fix flex beam guardrail at high fill areas and at the approaches to the Road Bridge and a handrail on the bridge deck.
- l. Concrete Works,
 - Construction of standard box culverts, wing walls, piers and abutments for the bridges.
- m. Other Ancillary Works,
 - Improvement of junctions and accesses as instructed by the Engineer.
 - Protection of existing utility services and way leaves acquisition.
 - Landscaping and planting of selected trees, flowering bushes and grass on slopes of embankment and cuttings.
 - Protection works using stone pitching and gabions as necessary.
- n. Regular maintenance of the existing road for passage of traffic during construction including diversion works as necessary to meet regulatory requirements.
- o. Any other operation ancillary to the main works.

The Works detailed above are only indicative of the Scope of Works associated with this contract and the Engineer may, where necessary, substitute some of the Works with others within the project area without substantially altering the overall Scope of the Works. Work shall be measured and paid using the relevant rates and prices in the Bill of Quantities.

The works will also include for any operations necessary for the safe and convenient passage of through and local traffic at all times.

SECTION 13 – GRADED CRUSH STONE SUBBASE AND BASE

1303 MATERIAL REQUIREMENTS

The material for Graded Crushed Stones base shall comply with requirements for stone class B 0/40 for Base. After compaction and compliance with the requirements of clause [40] of this specification below, the subbase/base graded crushed stone material shall have a maximum of 8% of particles smaller than 0.75mm and the resultant layer shall comply with all the requirements of section 13 of the standard specification. The crushing ratio for all graded stone pavement material shall be minimum of 100%.

1306 LAYING AND COMPACTING GRADED CRUSHED STONE SUBBASE AND BASE

Add the following section:

Graded Crushed stone shall be laid by a paving machine.

1309 TREATED MATERIALS

The GCS material shall be improved with 2% cement for bonding and permeability purposes.