



# KENYA RURAL ROADS AUTHORITY

**RESIDENT ENGINEER**

P.O. Box 700 - 00900

**KIambu.**

6<sup>th</sup> November, 2019

*Our Ref.: KeRRA/02/RWC499/Vol.I/025*

**DIRECTOR (DEVELOPMENT)**

Kenya Rural Roads Authority

P.O. Box 48151 - 00100

**NAIROBI.**

Dear Sir,

**RE: UPGRADING TO BITUMEN STANDARD & MAINTENANCE OF NGECHA-GITANGU-KANJERU/GITANGU (KARIA)-NYATHUNA/NGECHA-MAHINGA-SITE (JNCT104)KABOCHA-GIKUNI-MUKUI-KARURA/ZAMBEZI-KAHUHO-KINGEERO/KAHUHO,KANJERU/ZAMBEZI-KAMUGUGA-KIAMBAA-GWA GICHINI & ZAMBEZI-KAMUGUGA POLYTECHNIC-MANGORANO ROADS**

**CONTRACT NO. RWC-499**

**INDUSTRIAL ATTACHMENT – MR. KOIGI NJOROGI**

This is to confirm that the above named person was attached to the construction of Ngecha – Gitangu – Kanjeru/ Gitangu (Karia) – Nyathuna/Ngecha – Mahinga Site (Jnct104)/Zambezi – Kahuho – Kingeero/ Kahuho, Kanjeru/Zambezi – Kamuguga roads project from 22<sup>nd</sup> August, 2019 to 1<sup>st</sup> November, 2019 under my supervision.

He was exposed to all aspects of work in the Survey sections;

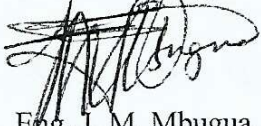
**1. Surveying**

- Bench mark coordination.
- Setting out.
- Taking of levels.
- Reducing levels and plotting of cross section.
- TBM Heighting
- Establishment of Road controls & Benchmarks
- Topographic mapping using RTK.
- Surveying data post processing
  - Establishment of centerline
  - Road alignment
  - Road design (Cambers, super-elevation)
  - Report generation
  - BOQ generation & calculation.

*Opening up Rural Kenya*

During this tenure, he was found to be self-motivated, disciplined, obedient, punctual and hardworking.

Yours faithfully,



Eng. J. M. Mbugua

**RESIDENT ENGINEER**

**Cc:**

JKUAT,  
P.O. Box 62000-00200,  
**NAIROBI.**

Manager (HR & Administration)  
Kenya Rural Roads Authority  
P.O.Box 48151-00100  
**NAIROBI.**

Mr. Koigi Njoroge  
P.O.Box 62000-00200  
**NAIROBI.**