

4G LTE

**TENDER
NOTICE**

REQUEST FOR PROPOSAL FOR DRIVE TEST TO PERFORM COUNTRYWIDE QoS

Tender No. **KTRN/ADMIN/S/2020/07/001**

Date of issue: **10th July 2020**

Date of bid submission: **24th July 2020**

Time: 12:PM GMT

Kigali Heights, 7th Floor
Procurement@ktrn.rw | www.ktrn.rw

Also Find us at   

kl **RWANDA
NETWORKS**
4G LTE & BEYOND

I. INTRODUCTION

KT Rwanda Networks Ltd (KTRN) is the only 4G LTE infrastructure company in Rwanda, jointly invested by the Government of Rwanda and Korea Telecom (KT) exclusively for the wholesale provision of the universal mobile broadband network in Rwanda using 4G LTE technology. The wholesale network service for mobile broadband will help to promote healthy competition for advanced retail services and solutions and will benefit consumers, enterprises, and the nation in transforming Rwanda into the ICT hub of East Africa. The company also provides wholesale fixed services based on its national wide fiber infrastructure to licensed operators in Rwanda.

1. Details

KTRN is looking for a company that fulfills the stated requirements to bid for KTRN Drive Test to Perform countrywide QoS in all major country roads, feeders, and around 600 hotspots.

2.2 Brief Scope of work

Project: 4G LTE QoS Drive Test

1. Period: Two months

3. DT areas: All Provinces, District and Sector roads as specified on the RTDA link

<https://www.rtda.gov.rw/index.php?id=104>

3. Measurement KPIs;		
Item	Performance indicators	Comment
CS Fallback LTE	Call set up time (CST)	DT
	Call Setup Success Rate (CSSR)	DT
	Call Drop Rate (CDR)	DT
4G PS Data services	Application Throughput	DT
	Round Trip Time RTT (Latency)	Ping FTP server
Network coverage and quality	4G Signal Strength RSRP	Scanner
	4G Signal Quality RSRQ	
	4G Signal Strength RSRP	Traffic mode
	4G Signal Quality RSRQ	
Hotspot end-user test cases	Web Page Access Success Rate	Static
	Web Page Completion Success rate	
	Web page download time	
	Video streaming set up the Success rate	
	Video streaming Completion Success Rate	

4. Measurement Tools

- . Fully trained and experienced personnel to carry out the driving test
- . Drive test tools which can connect more than 7 LTE mobiles simultaneously
- . Post-processing tools (provide at least 2 weeks trial for KTRN)
- . A vehicle with driver and fuel, accommodation and transportation

5. Deliverables

- . Drive test log files on a daily basis
- . Drive test result report on daily/weekly basis
- . Final report (Overall, Kigali, other provinces) before the last date of the contract both in Excel and PPT

4.Required from Bidders:

- Administrative requirements: Trade License, company profile
- Technical proposal to perform the driving test.
- The delivery period in two months
- Prices must include all taxes, warehousing, labor charges, and local taxes if any.

5.BIDS SUBMISSION:

Well prepared, properly bound bid (Administrative, Technical and Financial proposal) must be sent to KTRN not later than **24th July 2020 at 12:00 pm GMT** on procurement@ktrn.rw late bid shall be rejected.

Bids should be marked with the reference number of Request for proposal with the following mentions:

To: Administration Division, KT Rwanda Networks Ltd

Tender Title: **INVITATION FOR PROPOSAL FOR DRIVE TEST TO PERFORM COUNTRYWIDE QoS**

For any inquiry, you can write

to Mike.Bwatete@ktrn.rw copy amos.kamugabirwe@ktrn.rw.

submission deadline.

Done at Kigali, on 10th July 2020

Mike BWATETE
Procurement Specialist

