



KENYA BROADCASTING CORPORATION

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When replying please quote

TENDER NO. 15/KBC/2018-2019

Ref: No.
and date

20

21st May 2019

ADDENDUM 2

TO ALL TENDERERS

**RE: DESIGN, SUPPLY, INSTALLATION, TRAINING & COMMISSIONING OF
DIGITAL TELEVISION HEADEND**

Pursuant to clause 2.5.1 which reads 'At any time prior to the deadline for submission of tenders, the Corporation, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender documents by issuing an addendum'.

We hereby clarify to all interested bidders the following;

1. Bidders are referred to the attached minutes of the non mandatory Pre-bid site that was held on the 30th April at the Limuru Transmitting site.
2. Bidders are still free to visit the site on any day (normal working hours) before the Tender closing date.
3. Bidders are referred to the section "Scope of Work" on the Tender document and note that the Client expects a Design from the bidders with the features/specifications described; however their bid should not be limited to the functionalities described in the Tender document.
4. Signal contribution to Headend may be shared between SDI and IP formats on a 50/50 basis.
5. Costs proposal for factory-training (submitted in the Financial Proposal) should be unit costs i.e. per person costs and should at a minimum cater for airfares, accommodation, food and transport only (See TRAINING sections and BID SUBMISSIONS GUIDELINES section).
6. All the 100 TV services from this new head end shall be SD (standard definition) FTA (free to air).
7. Encoders should have audio licenses on all formats mentioned in tender document.
8. The system should capacity for 100 services and be scalable to 150 in future.
9. We recommend a 4-way RF combiner to be used with the transmitters (page 33)

10. The sub headends will be used with our existing T2-MI installations where local content insertion is desired.
11. The 32 bay antenna panel should be rated at minimum 40KW with no redundancy.

SITE VISIT AND MEETING TENDER No. 15/KBC/2018-2019 on 30th April 2019

Introduction:

The meeting started at 1100hrs.

The tender bidders had been invited for a site visit on the 30th April 2019 to, among other activities, address all requests for clarification and to familiarize with the site earmarked and to enable them make the right considerations when preparing the bid document.

They were also given a brief of KBC expectations in developing the specifications for the new head end.

This meeting was necessary for purposes of bid's preparation and was not mandatory.

Major highlights

- ✓ This is a Turn-key project. Bidders are supposed to **Design** and submit their bids for consideration
- ✓ The **new installation** shall be at the Limuru site with bidders allowed to consider the best arrangement and any civil works requirements for the transmitter room, control room and the head end space
- ✓ A Full-duplex Microwave link system to be provided between Limuru site and Broadcasting House

Content contribution

The design should take into consideration the content contribution in both compressed and uncompressed formats. They shall all be encoded to H.264 before they can be multiplexed for eventual streams and transmission with the DVB-T2 digital transmitters.

Limuru site head end and transmitter

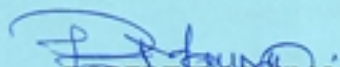
This Headend shall cater for SD services only and to have upgradable capabilities with the technological developments in digital migration.

The bidders were shown the power source bus-bars, the 120 Meter high tower and the available rooms to be developed for Headend, Control room and Transmitter room.

Nine (9) companies were represented during this meeting and were advised to indicate through email of their interest to participate in this tender to the email procurement@kbc.co.ke for purpose of future communications and addendum.

This addendum forms part of the tender document.

The time, venue, other terms and conditions remain the same.


ROBERT W. MAUMO
PROCUREMENT MANAGER