



Telkom Tenders

RFP0239/2009: for a full turnkey project (engineering; supply; installation; commission; integration and maintenance) of the dual band repeater system equipment for Telkom Networks.

Closing date & Time 2009/12/15 @ 11:00
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Cost R50.00

The tender document can be obtained from Telkom's Tender Office at the following address:

Attention: Marietjie Mattheus
Tel: (012) 311 3009
Telkom Tender Office
179 Proes Street
Pretoria 0001

SCOPE:

This is a requirement for a Bidder with full turnkey project capabilities for the supply of indoor dual band repeaters (also called a cell extender). The repeaters are to be used to enhance coverage of the GSM (Global System for Mobile communication) and UMTS (Universal Mobile Telecommunications Systems) network at indoor locations within the network macro coverage area.

Repeater: A device that receives, amplifies and transmits the radiated or conducted RF (Radio Frequency) carrier both in the down-link direction (from the base station to the mobile area) and in the up-link direction (from the mobile to the base station)

Dual band means the system operates in 2 frequency bands, namely the DCS (Digital Cellular Service) 1800 MHz frequency band and UMTS 2100 MHz frequency band.

CRITICAL CRITERIA RFP0239/2009:

Potential Bidders have to comply with the following critical criteria. Non-compliance to any one of these criteria or no supporting documentation supplied, i.e. SARS certificate, with the RFP response for any one of the criteria may invalidate a bid.

BEE CRITICAL CRITERIA:

Telkom requires that all bidders must have a minimum of **25.1% Effective Black Shareholding/equity ownership**. The Bidder must complete the BEE questionnaire in the RFP document and provide all the documents as stated below. Companies with complex shareholding structures should provide a detailed shareholding structure highlighting the effective shareholding of the Blacks in all the different entities where they



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have indicated black shareholding in section 1 of the questionnaire. Failure to complete the BEE questionnaire and to provide all documents as requested in this paragraph will be taken as non compliance to this critical criterion.

Bidders are further requested to submit their latest Verification certificates.

TECHNICAL CRITICAL CRITERIA:

- 1.1 The equipment shall be approved by the Independent Communications Authority of South Africa (ICASA) to comply with all ICASA Type Approval requirements in accordance with the requirements of the Electronic Communication Act (Act 36 of 2005), as amended.
- 1.2 All bidders shall provide copies of the Safety, EMC and radio frequency spectrum test reports or compliance certificates with the RFP submission.
- 1.3 Frequency bands: The repeaters must operate within the following frequency bands: (proof in the form of certificates or independent test reports to be supplied):
 - DCS1800 in the frequency band 1735.1 to 1747.1 MHz with 1830.1 to 1842.1 MHz.
 - UMTS in the frequency band 1970 to 1980 MHz paired with 2160 to 2170 MHz