

Specifications

MANDATORY CONFIGURATION REQUIREMENT

1. Purpose of the RFQ

The Independent Communications Authority of South Africa (hereinafter referred to as “the Authority”) intends to procure 1 (One) RF power meter that covers the frequency range from 2 MHz to 1 GHz for the technical staff at the Northern Cape regional office..

2. Description of the requirement

.The Authority currently has to perform technical checks on radio apparatus to ensure compliance to their license conditions, such as power output measurements in the frequency range from 2 MHz to 1 GHz

3. Technical specifications

These technical specifications define the minimum acceptable performance characteristics in order to fulfil ICASA’s bid requirements as set out in this document:

2. Objectives of the Bid

The scope of this specification is limited to the supply, and delivery 1 (One) RF power meter that displays RF power measurements on a touch screen display and covers the frequency range from 2 MHz to 1 GHz. This should include all accessories.

4. Configuration requirements

This section defines the configuration and functionality requirements which are imperative in order to fulfil the RF power meter that displays RF power measurements on a touch screen display and covers the frequency range from 2 MHz to 1 GHz requirements as set out in this document. Please provide a comprehensive analysis to these requirements, by indicating whether you comply or not.

	Comply	Not Comply
<div><div><div><div>• General Specifications</div><div><div>• Frequency Range 2 MHz to 1 GHz (with associated sensors)</div><div>• Displays RF power measurements on a touch screen display</div><div>• Max Power 100 W</div><div>• True Average Power (Forward and Reflected)</div><div>• VSWR, Return Loss</div><div>• Peak Power, Peak to Average Ratio</div><div>• Connectors Female N</div></div></div><div><div>Substantiate-----</div><div>-----</div></div></div></div>		
<div><div><div><div>2. Calibration Certificate</div><div><div>• Supply of calibration certificate</div></div></div><div><div>Substantiate-----</div><div>-----</div></div></div></div>		

•**Delivery Details**

To be delivered to: ICASA REGIONS DIVISION
Attention: Sphehile Zungu, Divisional Assistant Regions +27 12 568 3803
350 Witch-hazel Avenue
Eco Point Office Park
Eco Park, Centurion