

**MAKHADO MUNICIPALITY**

**QUOTE NO. MAK0000208/2012-2013**

**QUOTATION: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF NEW RECORDING AND SOUND SYSTEM (AUDIO CONFERENCE SYSTEM) IN MUNICIPAL COUNCIL CHAMBER**

All interested service providers are hereby invited to submit written quotations for the **supply, delivery, installation and commissioning of new recording and sound system (audio conference system) in municipal council chamber**

**SPECIFICATION:**

NB:

- 1. Remove existing sound & recording system and replace it with a new sound & recording system, which includes installation and appropriate cabling and commissioning of a fully operational sound and recording system.**
- 2. A valid warrantee for the equipment as well as guarantee on the installation and the after sales service must be specified and included in the quotation**

Item	Specifications
<b>Chairman's Unit x 1 (one unit)</b>	<b>Microphone</b> -63dBV/ $\mu$ bar 7.5mV/Pa
	<b>Current Consumption</b> < 50mA Max.
	<b>Mic Auto Switch-Off Time</b> 75 seconds approx.
	<b>Input</b> Line
	<b>Output</b> Line, Headphone with Volume Control
	<b>Speaker</b> Max Input 300mW Impedance 16 $\Omega$
	<b>Controls</b> Priority Switch, Talk Switch, Speaker Volume Control, Headphone Volume Control
	<b>Dimensions</b> W145×H75×D180 mm
	<b>Weight</b> 1.30kg (w/o cable)
	<b>Accessories</b> Foam Windshield, 2.5m Interconnecting Cable
<b>Delegates Unit x 59 (fifty nine units)</b>	<b>Microphone</b> -63dBV/ $\mu$ bar 7.5mV/Pa
	<b>Current Consumption</b> < 50mA Max.
	<b>Mic Auto Switch-Off Time</b> 75 seconds approx.
	<b>Input</b> Line
	<b>Output</b> Line, Headphone with Volume Control
	<b>Speaker</b> Max Input 300mW impedance 16 $\Omega$
	<b>Controls</b> Talk Switch, Speaker Volume Control, Headphone Volume Control
	<b>Dimensions</b> W145×H75×D180 mm
	<b>Weight</b> 1.30kg (w/o cable)
	<b>Accessories</b> Foam Windshield, 2.5m Interconnecting Cable

<b>Conference Amplifier x 1 (one)</b>	<b>Line Output</b>	17.5V DC/3A Max.; -34dBV (20mV)
	<b>Power Output</b>	50W RMS at 2% THD, 90W Max.
	<b>Inputs</b>	1×Mic 1.0mV/2k $\Omega$ (Balanced)
		2×Mic 0.65mV/4.7k $\Omega$ (Unbalanced)
		1×Aux 100mV/470k $\Omega$ (Unbalanced)
	<b>Frequency Response</b>	60-14,000Hz ( $\pm$ 3dB)
	<b>Signal to Noise Ratio</b>	> 60dB
	<b>Tone Controls</b>	Bass: -10dB at 100Hz
		Treble: -10dB at 10kHz
	<b>Preamp / Rec Output</b>	200mV/600 $\Omega$
	<b>Line Output</b>	1V/1k $\Omega$
	<b>Send Output</b>	200mV/600 $\Omega$
	<b>Return Input</b>	200mV/10k $\Omega$
	<b>Speaker Output</b>	4 $\Omega$ , 8 $\Omega$ , 16 $\Omega$ , 70V & 100V
	<b>Power Requirement</b>	AC: 220-240V, 50/60HZ
		DC: 24V (2×12V Car Battery)
	<b>Power Consumption</b>	250VA
	<b>Protections</b>	AC Fuse 1×3 Amp , DC Fuse 2×10 Amp
	<b>Dimensions</b>	W482 × H88 × D295 mm
	<b>Weight</b>	8.70kg
<b>Accessories</b>	1× Connection Cable CC-46	
	1× Extension Cable CC-47	
	1× Fuse 3 Amp, 1 × Fuse 10 Amp	
<b>Conference Expansion Unit x 1 (one)</b>	<b>Output (at B1 &amp; B2)</b>	17.5V DC/3A Max
	<b>Power Requirement</b>	AC: 220-240V (50/60Hz) DC: 24V Car Battery
	<b>Power Consumption</b>	140VA
	<b>Protections</b>	AC Fuse 1 × 2 Amp DC Fuse 1 × 10 Amp
	<b>Dimensions</b>	W228×H88×D260 mm
	<b>Weight</b>	3.40kg
	<b>NB** Conference Amplifier must work with Conference Expansion Unit</b>	

<p style="text-align: center;"><b>Speakers x 2</b> <b>(two – in the Council Chamber)</b></p> <hr/> <p style="text-align: center;"><b>Speakers x 1</b> <b>(one – in the foyer of the Council Chamber)</b></p> <p><b>*Note: Sound through the speaker in the foyer must be manually controlled so that it can be switched off when required</b></p>	<b>Input Power</b>	16W RMS / 24W Max.
	<b>Rated Voltage</b>	100V
	<b>Power Taps on 100V</b>	16/8/4W
	<b>Low Impedance</b>	8Ω
	<b>Frequency Response</b>	85-20,000Hz
	<b>SPL at 1kHz (1W/1m)</b>	86dB
	<b>Speaker</b>	Woofer 95mm (3¾”) Tweeter 13mm dome
	<b>Dimensions</b>	W133 × H187 × D107 mm
	<b>Weight</b>	1.40kg
	<p style="text-align: center;"><b>Digital Audio Recorder x 1</b> <b>(one)</b></p>	<b>Built-In Memory</b>
<b>PC Connectivity</b>		Yes
<b>Channel</b>		Monaural
<b>Recording Format</b>		MP3
<b>Playback Format</b>		MP3
<b>Message Folders</b>		4074/400 (199 messages in 1 folder)
<b>Earphone Jack</b>		Yes
<b>Battery Type</b>		Alkaline, Size AAA Battery Life
<b>Mic-In Jack</b>		

## Requirements

- **Valid Original Tax Clearance Certificate**
- **A Certified Copy of company registration certificate**
- **Certified copy/copies of company owner(s) ID Books**
- **BBBEE certificate**

Quotations must be as follows:

1. be signed by an authorized person of the supplier
2. be on an original letter head of the company/enterprise
3. be valid for a period of sixty (60) days from the closing date
4. clearly indicate the price charged vat inclusive
5. be accompanied by an original valid SARS Tax Clearance Certificate.
6. be accompanied by fully completed MBD 6.1 and MBD 4 obtainable from the municipality or can be downloaded from municipal website [www.makhado.gov.za](http://www.makhado.gov.za).

Fully priced and signed quotations must be sealed in an envelope clearly marked quote number “**MAK0000208/2012-2013**” & description “**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF NEW RECORDING AND SOUND SYSTEM (AUDIO CONFERENCE SYSTEM) IN MUNICIPAL COUNCIL CHAMBER**” and be deposited in the tender box at the foyer of the Civic Centre at the physical address reflected below by no later than **12H00 of 31 MAY 2013**

Quotations received will be assessed in accordance with the Municipal Supply Chain Management Regulations, 2005 read with Council’s Supply Chain Management Policy and 80/20 points scoring will be used. Preference points will be allocated according to BBBEE rating.

**Please Note:**

1. No quotation by facsimile or by e-mail will be accepted.
2. Enquiries in this regard must be directed to **MR SHALIL HARRI OR MR THARINI ELVIS** at telephone number **015 519 3165/3041** during office hours.
3. Council reserves the right not to accept lowest or any quotation or to accept part of a quotation only.
4. Admin enquiries can be directed to **Ms Ntsieni TP** or Mr **Ramabulana M** at **015 519 3129/3179**

Civic Centre  
83 Krogh Street  
LOUIS TRICHARDT  
0920

**IP MUTSHINYALI**  
**MUNICIPAL MANAGER**

**Notice no : 74/2013**  
**File no : 8/3/2/1**