



in the footprints ...

NELSON MANDELA MUSEUM

Bunga Building, Owen Street, Mthatha, South Africa | P O Box 52808, Mthatha, 5100, South Africa

Telephone: +27 (0) 47 501 9500 | Facsimile: +27 (0) 047 532 3345

Email: info@nelsonmandelamuseum.org.za | www.nelsonmandelamuseum.org.za

5 April 2023

RFQ 14 of 2023: SUPPLY, DELIVERY, AND INSTALLATION OF PROJECTORS AND SOUND SYSTEM IN THE HALLS AT QUNU HERITAGE & YOUTH CENTRE

The Nelson Mandela Museum (NMM) invites quotations from accredited service providers that are registered with the Central Supplier Database (CSD) for the Supply, Delivery, and installation of projectors and sound system Qunu Heritage & Youth Centre site, as per the specification below:

ITEM NO.	PRODUCT DESCRIPTION		QUANTITY
1	Data Projector Detailed Specification		2
	Technology	3LCD Technology, RGB liquid crystal shutter, 0,67 inch with C2 Fine	
	Image	Colour Light Output - 7.000 Lumen - 900 Lumen (economy) In accordance with IDMS15.4 White Light Output - 7.000 Lumen - 900 Lumen (economy) In accordance with ISO 21118:2020 Resolution - WUXGA High Definition - Full HD Aspect Ratio - 16:10 Contrast Ratio - Over 2.500.000: 1	

		Light source - Laser Laser Light source - 20.000 hours Durability High, 30.000 hours Durability Eco Keystone Correction - Manual vertical: $\pm 30^\circ$, Manual horizontal $\pm 30^\circ$ Colour Video Processing - 10 Bits Colour Reproduction - Up to 1.07 billion colours	
	Optical	Throw Ratio - 1,35 - 2,20:1 Zoom - Manual, Factor: 1 - 1,6 Projection Lens Zoom Ratio - 1,35 - 2,2: 1 Lens - Optical Lens Shift - Manual - Vertical $\pm 50\%$, horizontal $\pm 20\%$ Screen Size - 50 inches - 500 inches Projection Distance Wide - 1,4 m - 14,8 m Projection Distance Tele - 2,4 m - 23,8 m Projection Distance Wide/Tele - 1,44 m - 23,84 m Projection Lens F Number - 1,5 - 1,7 Projection Lens Focal Length - 20 mm - 31,8 mm Projection Lens Focus – Manual	
	Connectivity	Interface - USB 2.0-A, USB 2.0, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11a/b/g/n/ac, Wireless LAN b/g/g 25GHz, Wireless LAN a/n (5GHz), VGA in (2x), VGA out, HDMI out, HDBaseT, Miracast, Jack plug out, Jack plug in (2x), HDMI (HDCP 2.3) (2x), USB 2 Type A playback iProjection App - Ad-Hoc / Infrastructure	

		Network Protocol - HTTPS, IPv6, SNMP, ESC/VP.net, PJLin006B	
	General	<p>Power consumption - 345 Watt, 258 Watt (economy), 0,3 Watt (standby), On mode power consumption as defined in JBMS-84 287 Watt</p> <p>Supply Voltage - AC 100 V - 240 V, 50 Hz - 60 Hz</p> <p>Product dimensions - 440 x 339 x 136 mm (Width x Depth x Height)</p> <p>Product weight - 8,4 kg</p> <p>Noise Level - Normal: 38 dB (A) - Economy: 27 dB (A)</p> <p>Supported Temperature - Storage -10° C - 60° C</p> <p>Supported Humidity - Operation 20% - 80%, Storage 10% - 90% on Ceiling Mount</p> <p>Options - Connection and control box, Document camera, External Speaker, HD Base-T Transmitter, MB22 ceiling mount, Wireless LAN unit</p> <p>Loudspeaker - 10 Watt</p> <p>What is in the box - Cable cover, Main unit, Power cable, Remote control incl. batteries, User Guide, Warranty Documents</p> <p>Room Type/Application – Sports Hall/Big Conference Hall</p> <p>Positioning - Ceiling Mounted</p> <p>Warranty - 36 months Carry in</p>	
	Advanced Features	<p>Security - Kensington lock, Control panel lock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection</p>	

		2D Colour Modes - Dynamic, Cinema, Presentation, sRGB, DICOM SIM Video Colour Modes - Cinema, Dynamic, Presentation, sRGB, DICOM SIM, Multi-Projection Projector control - via Crestron Integrated Partner, Extron IP Link, Extron XTP, AMX Device Discovery, Control4 Simple Device Discovery Protocol	
	Accessories	Mounting brackets, cables and any other relevant accessories.	
2	Data Projector 4000 Ansi Lumens XGA 1024 X 768 Contrast Ratio: 13000:1 Throw Ratio: 80 inches @ 1m Aspect Ratio: 4:3 / 16:9 Keystone: Vertical +-40 Projection Distance: 0.4 – 3.7m Input: 2 x VGA, 1 x HDMI, Audio In, Mic In Control Port: RS-232 / Mini – USB-B Video Compatibility: 1920 x 1080 Max Noise: 35dB / 33dB Accessories: Power Plug, VGA Cable, Remote Control Projector Size: 327 x 137 x 248mm Projector Weight: 3 KG		1
3	Wall mount Grandview 200" 16:10 ratio cyber series motorised white screen with IR and RF controls – 4.5 x 2.5 – the sizes are to be confirmed on the site briefing		2
4	Wall mount Pulldown White Screen – 1.1 x 1.9		1

5	Accessories for the projectors	Safety Wire, Ceiling Mount Brackets, VGA/HDMI Cables	3
6	Sound system for the halls, with cordless microphones (Split into 3) Ceiling flush mount speakers, 5.25" or more Low impedance 5.25" ceiling speaker for general-purpose audio and background music applications High-quality full-range speaker driver Spring terminals Slim profile Metal driver chassis & grille The bracket easily mounts into ceiling panels or wall boards Supplied as a single speaker Power rating (RMS/Peak): 20W/35W Frequency Response: 90Hz-14kHz Impedance: 8 Ohm Sensitivity: 91dB Cut Out Ø: 165mm Mounting Depth: 58mm Dimensions (ØxD): 204x68mm Weight: 900g		18 Speakers, Lavalier microphone x 1 6 x Microphones and any other relevant accessories 4 x hip mic

RETURNABLE DOCUMENTS

Service providers are required to submit all the returnable documents together with their quotations. **Failure to provide all the Compulsory Returnable Documents at the closing date**

and time of this RFQ will result in a respondent's disqualification. Respondents are therefore urged to ensure that all these Documents are returned with their Proposals. Failure to submit the Supporting documents for functionality scoring will result in a scoring of zero.

COMPULSORY RETURNABLE DOCUMENTS

- Duly signed & completed **SBD 1** Invitation to BID
- Duly signed & completed **SBD 4** Declaration of Interests form.
- Duly signed & completed **SBD 6.1** Preference points claim form
- **Compulsory site briefing - Quotations from service providers that did not attend the compulsory site inspection will not be considered**
- Service providers MUST attend the compulsory site inspection to be held as follows:
 - Venue: Qunu Heritage and Youth Centre
 - Time: 12:15
 - Date: 12 April 2023

SUPPORTING RETURNABLE DOCUMENTS (for functionality scoring)

- Reference Letters
- Electrician Certificate

ESSENTIAL SUPPORTING DOCUMENTS

Specific goals verification documents as stipulated below must be submitted on or before the closing date and time ***(failure to submit on or before the closing date will result in an automatic score of zero for preference)***

APPLICABLE PREFERENCE POINTS ALLOCATION SYSTEM

(1) Points for this shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

(c) Where 80 points will be allocated for price and 20 points allocated for specific goals

(2) The following specific goals are applicable to all procurements of a transaction value above R2 000 and up to R50 000 000

- a. The NMM will utilize the following preference criteria ;
 - i. Service providers within the OR Tambo region & Eastern Cape
 - ii. Historically Disadvantaged Individuals (Women, Youth, and People living with disabilities)
 - iii. SMMEs

b.

Category		Sub-categories	Specific goals points	Verification documents
Local Supplier	5	OR Tambo supplier	5	CIPC Registration Certificate (CK) or Proof of residence
		Eastern Cape Supplier	4	
		Anywhere in South Africa	3	
		Non-South African	0	
Women-owned supplier	4	Black African Women	4	CIPC Registration Certificate (CK) and CSD Report
		Non-Black African Women	2	
Youth Owned Supplier	4	Youth Owned (< 35-year-old persons)	4	CIPC Registration Certificate (CK) and CSD Report
		Non-Youth Ownership (> 35-year-old persons)	2	

People living with disabilities	3	People living with disabilities	3	CSD Report
Small Micro, Medium & Enterprises	4	SME – Owned by people with disability	4	CSD Report
		SME – Black owned	3	Sworn Affidavit (BBBEE Affidavit)
		SME – Other	2	

EVALUATION CRITERIA

The received quotations will be evaluated using the 80/20 system (80 for Price and 20 for Specif Goals). The functionality will be scored at a maximum of 100 points whereby the bidder must obtain a **minimum of 75 points** to qualify for the financial evaluation according to the criteria captured in the table below:

Value: 1=Poor; 2=Average; 3=Good; 4=Very good; 5=Excellent

Criteria	Weight	Value
Reference Letters Signed reference letters on the recommending company's letterhead NB: Reference letters should not be older than five years Submission of purchase orders or appointment letters WILL NOT be considered.	60	6 letter or more = 60 points
		5 letters = 50 points
		4 letters = 40 points
		Between 1 and 3 letters = 30 points
		Failure to submit or submission of irrelevant letter = 0

Criteria	Weight	Value
Electrician Engineering Certificate	40	A valid certificate = 40
		Invalid certificate or failure to submit = 0
Total	100	

QUOTATION SUBMISSIONS

- All quotations and accompanying documents must be forwarded to:
supplychain@nelsonmandelamuseum.org.za
- NO FAXED OR HAND-DELIVERED QUOTATIONS SHALL BE ACCEPTED.
- Closing date for the submission of quotations is **14 April 2023 at 12:00**

ENQUIRIES

All communications and inquiries/requests for clarification relating to this proposal should be directed to the contact person:

FOR BID ADMINISTRATION
Ms. M Mputa
Tel: 047 501 9504
Email: mihlali@nelsonmandelamuseum.org.za
Supply Chain Specialist
<i>Technical Enquiries:</i>
Mr. W. Quzu
Tel: 047 501 9524
Email: wandile@nelsonmandelamuseum.org.za
IT Office

NB: The NMM reserves the right to amend, modify or withdraw this RFQ at any time, without prior notice and without liability to compensate and/or reimburse any party.



Dr. Vuyani Boo

Chief Executive Officer