



**MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills,  
Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya - 793003  
(Reg No. SR/MBDA - 4/11 OF 2011)  
Phone: +91-364- 2522921/2522992  
Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

---

**GOVERNMENT OF MEGHALAYA  
MEGHALAYA BASIN DEVELOPMENT AUTHORITY  
(MBDA)**

**Meghalaya Climate Change Centre (MCCC)**

**Request For Quotation (RFQ)  
FOR  
Procurement of IT Equipment for MCCC**

**Executive Director  
Meghalaya Basin Development Authority (MBDA)**



**MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills,  
Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya - 793003  
(Reg No. SR/MBDA - 4/11 OF 2011)  
Phone: +91-364- 2522921/2522992  
Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

**REQUEST FOR QUOTATION**

**Procurement of IT Equipment for MCCC**

**Purchaser:** *Meghalaya Basin Development Authority (MBDA)*

**Contract title:** *Procurement of IT Equipment for MCCC*

**RFQ No:** *MBDA/MCCC/2023-24/1211*

<b>S#</b>	<b>Description</b>	<b>Date &amp; Time</b>
<b>1</b>	<b>Date of Issue of RFQ</b>	<b>21<sup>st</sup> September, 2023</b>
<b>2</b>	<b>Last Date and Time of submission of RFQs</b>	<b>6<sup>th</sup> October 2023 at 1400 Hrs.</b>
<b>3</b>	<b>Opening of RFQs</b>	<b>6<sup>th</sup> October 2023 at 1430 Hrs.</b>



**MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills,  
Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003  
(Reg No. SR/MBDA – 4/11 OF 2011)  
Phone: +91-364- 2522921/2522992  
Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

MBDA/MCCC/2023-24/ 1211

Dated: 21<sup>st</sup> September, 2023

**INVITATION FOR QUOTATIONS FOR PROCUREMENT OF IT EQUIPMENT FOR MCCC**

To

\_\_\_\_\_

\_\_\_\_\_

Dear Sir/Madam,

**Subject: Invitation for quotations for Procurement of IT Equipment for MCCC**

You are invited to submit your most competitive quotation for the following goods as per the mentioned items below: -

**\*Detailed Specifications given at Annexure I**

Sl#	Brief Description of the Goods	Qty	Consignee Address	Delivery Period
1	Desktop System	1	As mentioned in T&C Cl. 4	30 days from the date of issue of Supply Order
2	Document Scanner	1		
3	Laptop	1		
4	Microphone	1		
5	Portable AV System	1		
6	Projector	1		

**Terms and Conditions**

- 1. Eligibility:** A Bidder (a) shall not participate in more than one Quotation; (b) shall not have Conflict of interest; and (c) should not have been (i) temporarily suspended or debarred by the State/Central Government/PSUs or (ii) blacklisted or suspended by Central or any State Government Departments in India.
- 2. Clarifications & Amendments:** If the Purchaser receives any request for clarification of this RFQ Document, it will upload its response together with any amendment to this document, on [www.mbda.gov.in](http://www.mbda.gov.in) for information of all Bidders. Bidders should check on the website, for any amendments to the terms and conditions and for Award of Contract.
- 3. Place of Delivery of Items:**
- 4.** Meghalaya Basin Management Agency (Meghalaya Climate Change Center), O/o Meghalaya Basin Development Authority, c/o Meghalaya State Housing Financing & Cooperative Society, Upper Nongrim Hills, Shillong – 793003
- 5. Consignee Address (and quotation Delivery Address):**



## **MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills,  
Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003  
(Reg No. SR/MBDA – 4/11 OF 2011)  
Phone: +91-364- 2522921/2522992  
Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

Meghalaya Basin Development Authority (MBDA), MegLIFE office, Shalom Building, 2nd Floor,  
Lower Laichumere Shillong, Meghalaya-793001.

### **6. Quotation Price**

- a) The quantity offered should be 100% of the requirement for the quoted amount.  
Corrections, if any, shall be made by crossing out, initialing, dating and re-writing.
- b) All duties including transportation and installation charges, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Goods and Service Tax (GST) should be indicated separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) Bidders must expressly mention the name/brand/model of the items offered by them in the price schedule along with proper product brochures.

### **7. Qualification of Bidders**

- a) Have the legal capacity to enter into a contract;
- b) Not be insolvent, in receivership, bankrupt or being wound up or subject to legal proceedings for any of these circumstances;
- c) Not have had your business activities suspended or debarred from public procurement by the State Government of Meghalaya or Government of India.

### **8. Validity of Quotation:** Quotations shall remain valid for a period not less than 90 days after the deadline date specified for submission.

### **9. Documents Evidencing Qualification:** Bidders are requested to submit copies of the following documents as evidence of your qualification.

- a. Valid trading license/registration or equivalent/Exemption Certificate.
- b. Valid certificate of GST registration;
- c. Self-declaration to the effect the bidder is not insolvent, in receivership, bankrupt or being wound up or subject to legal proceedings for any of these circumstances.
- d. Self-declaration that the bidder's business activities are not suspended or debarred from public procurement by the State Government of Meghalaya, any other State Government or Government of India.
- e. Experience Criteria: Copies of contract/s or purchase orders or completion certificates issued on the name of the Bidder demonstrating its experience in similar product/services in the last 3 years (2020 – 2023)
- f. Audited Financial Statements of last three years (2020 – 2023) demonstrating the average annual turnover of INR 8 Lakh

### **10. Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations in bulk that are determined to be substantially responsive i.e., which

- (a) are properly signed; and
- (b) Confirm the terms and conditions and specifications.
- (c) Any historical information, if required may be asked from the bidders during evaluation of quotes



**MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills,  
Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003  
(Reg No. SR/MBDA – 4/11 OF 2011)  
Phone: +91-364- 2522921/2522992  
Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

11. **Award of contract:** The Purchaser will award the supply orders to the bidders whose quotations have been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
  - a. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract. The numbers against each item may increase or decrease at the time of issuing the Purchase Order.
  - b. The bidder whose quotation is accepted will be notified of the issue of Supply Order by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order (sample form attached)
12. Normal commercial warranty/ guarantee shall be applicable to the supplied goods (extended warranty) if required will be mentioned in the technical specifications.
13. You are requested to provide your sealed quote latest by 1400 hours on 6<sup>th</sup> October, 2023. Quotations that have been submitted on or before time will be opened at 1430 hours on 6<sup>th</sup> October, 2023. Late quotes will be rejected.
14. Payments shall be released on completion and subject to acceptance of deliverable by the client within 30 working days. However, for any issues experienced post completion and acceptance of the work by the purchaser, the vendor should provide support in resolving the technical issues.
15. We look forward to receiving your quotations and thank you for your interest in this project.

Sd/-

**Name:** Shri. Gunanka DB, IFS  
**Address:** Community-Based Forest Management and  
Livelihood Improvement in Meghalaya,  
Meghalaya Basin Development Authority (MBDA),  
office 2nd Floor, Shalom Building,  
Lower Lachumiere. Shillong– 793001  
**Tel. No.:** +913643510190  
**Email:** [mbdaprocurement@gmail.com](mailto:mbdaprocurement@gmail.com)



**MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills,  
 Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003  
 (Reg No. SR/MBDA – 4/11 OF 2011)  
 Phone: +91-364- 2522921/2522992  
 Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

**FORMAT OF QUOTATION**

Sl. No.	Description of Goods	Unit	Quoted Unit Rate <sup>1</sup> Lot wise at destination in Rs.	GST and similar other taxes applicable on finished Goods/ Services	Total Price per line item at Destination - inclusive of discounts, all taxes and duties	
					In Figures	In Words
1	Desktop System	1				
2	Document Scanner	1				
3	Laptop	1				
4	Microphone	1				
5	Portable AV System	1				
6	Projector	1				

**Gross Total Cost: Rs. ....**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs..... (Amount in figures) (Rs. .... amount in words) within the period specified in the Invitation for Quotations.

We also confirm that commercial warrantee/ guarantee of at least 12 months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive agreements with competitors.

**Signature of Supplier**

\_\_\_\_\_

<sup>1</sup> Any unconditional discounts if offered shall be specified in this column along with the unit rates.



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

### SUPPLY ORDER

To:  
M/s

.....  
.....

Dear Sir,

Sub: Supply of .....  
.....

Reference: Your Quotation no..... Dated .....

Your quotation no..... of ..... (Date) for the supply of ..... has been accepted. You are requested to supply the following goods/equipment at the rates quoted by you and specified against each as per the specifications and terms & conditions specified hereunder:

Sl#	Brief description of goods/ services	Specifications	Quantity to be supplied	Unit Rate (Rs.)	Total Price (Rs.)
1					
2					
3					
4					
5					
6					
<b>Total</b>					

1. Delivery Period: 30 Day(s) from the date of issue of this supply order.

2. Place of delivery: Meghalaya Basin Management Agency (Meghalaya Climate Change Center), O/o Meghalaya Basin Development Authority, c/o Meghalaya State Housing Financing & Cooperative Society, Upper Nongrim Hills, Shillong – 793003

3. Consignee Address: Meghalaya Basin Management Agency, O/o Meghalaya Basin Development Authority, c/o Meghalaya State Housing Financing & Cooperative Society, Upper Nongrim Hills, Shillong - 793003

4. GST if any will be paid at actual prevailing on the date of supply (if not already included in the cost above.

5. Extended Warranty/Guarantee shall be ..... Month(s) from the date of delivery and acceptance.

6. Payment shall be made within 30 days of delivery; and acceptance of the goods/equipment.

7. Additional terms and conditions (if Any) may be added by the Purchasers at the time of issuing the Supply Order.



## **MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)**

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

Place: Shillong

**(Purchaser)**

Date:

Name: Shri Gunanka DB, IFS  
Designation: Executive Director,  
Meghalaya Basin Development Authority  
Shillong, Meghalaya





## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

Sl. No	ITEMS	SPECIFICATION	
1	Desktop System	<b>CPU</b>	
		Form Factor	Tower
		Processor Brand	Intel
		Processor Type	Core Duo, Core i7- 9 <sup>th</sup> Generation or better
		Processor Speed	3.2 GHz or better
		Processor Count	6 or more
		RAM Size	16 GB DDR5 or better
		Computer Memory Type	SDRAM
		Memory Clock Speed	2666 MHz or better
		Hard Drive Size	1 TB or more
		Hard Disk Description	HDD
		Hard Drive Interface	Serial ATA
		Graphics Card Description	Nvidia Quadro or better
		Graphics Card Interface	PCI Express
		Wireless Type	5 GHz Radio Frequency or better
		I/O Ports	<p><b>Rear:</b> 2 - USB 2.0 Type A (with SmartPower)            4 - USB 3.1 Type A (5Gb)            2 - PS2            2 - DisplayPort            1 - Optional Port (VGA, HDMI 2.0, DP++ 1.2, Type C w/DP-Alt mode)            1 - RJ45 Network Connector            1 - Serial            1 - Audio Line out</p> <p><b>Front:</b>            2 - USB 2.0 Type A            1 - USB 3.1 Type A (5Gb)            1 - USB 3.1 Type C (10Gb), data only            1 - Microphone            1 - Headphone</p>
		Audio	Integrated Realtek ALC3861 High-Definition Audio Codec (2 Channel) or better
Operating System	Windows 11 or higher pre-Activated		



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

		Connectivity	Intel® Wi-Fi 6, Bluetooth wireless card, LAN
		Warranty	1 Year onsite warranty or more
		MAF	Required
		<b>Monitor</b>	
		Type	Should be compatible with the CPU above
		Response Time	5ms (gray to gray) fast mode; 8ms normal mode or better
		Resolution	3840 x 2160 at 60Hz
		Colour Depth	1.07 billion Colours
		Contrast Ratio	1300:1
		Colour gamut	99.9% sRGB
		Pixel per inch (PPI)	163 or better
		Standing screen display size	27 inch or better
		Panel Technology	In Plane Switching Type; anti-glare with Hard Coating 3H
		Backlight	LED
		Viewing Angle	178 Degrees
		Image Aspect Ratio	16:9
		Connector Type	VGA, DisplayPort, USB, HDMI
		Warranty	1 year onsite warranty or better
		MAF	Required
		<b>UPS</b>	
		Output Power Capacity	1000 VA / 660 Watt
		Output Connections	(1) India 2/3-pin 6A (Surge Protection) & (4) India 2/3-pin 6A (Battery Backup), auto switching & auto sensing function
		Run Time Load	75 min. @ 100W, 30 min. @ 200W, 17 min. @ 300W or better
		Compatibility	Should be able to Support the Desktop mention above
		Power Cord Length	1.52 meter or longer
		Battery Capacity	2 x 7.2 Ah
		Voltage	230 Volts
		Wattage	360 Watts
		Battery Charge Time (in hours)	6 Watt Hours or lesser
		Warranty	2 Year of Warranty including Battery or more



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

	MAF/OEM	Required	
2	Document Scanner	Scanner Type	ADF; CIS scanning technology; Flatbed
		<b>Scan Resolution</b>	
		Scan Resolution, Optical	600 dpi (color and mono, ADF); 1200 dpi (color and mono, flatbed) or better
		Scan Resolution, Hardware	600 x 600 dpi (color and mono, ADF); 1200 x 1200 dpi (color and mono, flatbed) or better
		Output Resolution Dpi Settings	75; 150; 200; 240; 300; 400; 500; 600; 1200 ppi
		<b>Scan Speed</b>	
		Automatic Document Feeder Scan Speed	25 ppm/50 ipm (b&w, gray and color, 300 dpi)
		Scan Speed Footnote Number	Scan speeds of 25 ppm measured or better.
		<b>Scanner Specifications</b>	
		Duty Cycle (Daily)	Recommended daily duty cycle: 1500 pages (ADF)
		Bit Depth	24-bit (external), 48-bit (internal)
		Auto Document Feeder Capacity	Standard, 60 sheets or more
		Scan Size, Maximum	216 x 297 mm
		Scan Size (ADF), Maximum	216 x 3100 mm
		Scan Size ADF (Minimum)	89 x 148 mm
		Scan File Format	For text and image pages: PDF, JPEG, PNG, BMP, TIF, Text (TXT), Rich Text (RTF), SEARCHABLE PDF, PDF/A, Word (DOC), Word (DOCX), Excel (XLS), Excel (XLSX), CSV, Searchable PDFs
		Scanning Options (ADF)	Single-pass Duplex scanning
		Duplex ADF Scanning	Yes
		Scan Technology	ADF; Flatbed; Contact Image Sensor (CIS)
		Color Scanning	Yes
		Light Source (Scanning)	Light Emitting Diode (LED)
		Processor Speed	666 MHz or better
Memory	256 MB or better		



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

		<b>Connectivity And Communications</b>	
		Connectivity, Standard	USB 2.0, Wifi and Ethernet
		Control Panel	Yes
		<b>Power</b>	
		Power	Input Voltage: 100 to 240 VAC
		Power Supply Type	External power adapter
		<b>Supported Printing Media</b>	
		Media Size (ADF)	Letter; Legal; Executive; A4; A5; A6; B5; B5 (JIS)
		Media Types	Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)
		<b>System Requirements</b>	
		Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Server; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey
		<b>Weight</b>	
		Weight	5.4 kg or less
		<b>Warranty</b>	
		Warranty	1 year
		MAF/OEM	Required
<b>3</b>	<b>Laptop</b>	<b>Display</b>	
		Size	14-inch or better
		Resolution	1920x1200 pixels
		Refresh Rate	60Hz or better
		Battery Capacity (WHR)	58Whr or better
		Processor	Intel Core i7 12th Gen or better
		<b>Memory</b>	
		RAM	8GB or more
		<b>Graphics</b>	
		Graphics Processor	Integrated
		Storage	
		SSD	1TB or higher
		<b>Connectivity</b>	



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

		Wi-Fi standards supported	5G supported or better
		Ethernet	Yes
		Bluetooth version	5 or better
		<b>Inputs</b>	
		Web Camera	Yes
		Speakers	in-built
		<b>Ports And Slots</b>	
		Number of USB Ports	3
		USB 3.2 Gen 1 (Type A)	1
		Thunderbolt 4 (Type C)	2
		HDMI Port	Standard
		Multi Card Slot	1 Micro SD Card Reader
		Operating System	Pre-activated Windows 10 or 11 pro
		MS Office	Pre-activated H&S Office
		Headphone and Mic Combo Jack	Yes
		Warranty	2 years on site
		MAF/OEM	Required
<b>4</b>	<b>Microphone</b>	Removable memory	Secure Digital Card
		Hardware Platform	Camera
		Compatible Devices	Camera
		Standing screen display size	3 Inches
		Supported image types	RAW
		Horizontal resolution	4928 Pixels
		Maximum vertical resolution	3264 Pixels
		Min Focal Length	16 Millimeters
		Maximum SPL	-42 dB +/- 3 dB / 0 dB=1 V/Pa
		Frequency Response	70-16,000 Hz



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

		Noise Level	60 dB
		Microphone technology	Stereo
		Signal-to-noise ratio (dB)	60 dB
		Connector Type	Auxiliary
		Has Auto Focus	Yes
		Warranty	As applicable
		MAF/OEM	Required
5	Portable AV system	Type	2-way Bi-amp Powered Speaker with mixer
		Mixing channels	5 (Mono x3 + Stereo x1)
		Input channel functions	Hi-Z: CH2/3, 1-knob EQ/Preset: CH1-3/ST
		Output channel functions	MODE (SPEECH/MUSIC/CLUB)
		Inputs	Mono x3 (mic/line) + Stereo/Mono x1 (line)
		Outputs	Monitor/Link out x1
		Bluetooth	Ver.5.0 or better
		Support Control	iOS/Android app
		On board processor	DSP- Digital reverb (4 program, parameter control), delay, chorus
		Speaker type	Coaxial speaker with compression driver
		Frequency range (-10dB)	60 Hz – 20 kHz
		Coverage area	H90° x V90° or better
		Crossover	2.0 kHz
Maximum output level (1m; on axis)	125 dB SPL *1 or better		



## MEGHALAYA BASIN DEVELOPMENT AUTHORITY (MBDA)

C/o Meghalaya State Housing Financing Cooperative Society, Upper Nongrim Hills, Behind Bethany Hospital, Shillong, East Khasi Hills District, Meghalaya – 793003

(Reg No. SR/MBDA – 4/11 OF 2011)

Phone: +91-364- 2522921/2522992

Website: [www.mbda.gov.in](http://www.mbda.gov.in), E-mail: [admin.mbda@gov.in](mailto:admin.mbda@gov.in)

		Components	LF- 8" Cone, 2.0" voice coil HF- 1" throats compression driver, 1.4" voice coil
		Amplifier class	Class-D
		Cooling	Natural convection (no fan)
		Battery	<b>Type</b> -Rechargeable Lithium-ion battery pack <b>Capacity</b> - 79.92 Wh (2700 mAh, 29.6 V) or better  <b>Operating Time</b> - 8 hours or more <b>Charging Time</b> - 4 hours or lesser
		Cabinet material	Plastic (ABS)
		Weight	12.5 kg (27.6 lbs) (Including battery) or lesser
		Warranty	1 Year or more
6	Projector	Technology	RGB liquid crystal shutter projection system
		Panel	LCD (0.59") or better
		Native resolution	WXGA or better
		Lens Type	Optical Zoom (Manual/Auto)/ Focus (Auto/Manual)
		Lamp Type	210 W UHE or better
		Lamp Life	10,000 Hrs or better
		Brightness	3600 Lumens or better
		Contrast Ratio	15,000:1 or better
		Internal Speaker	2W Mono or better
		Connectivity	USB, Wireless, LAN, HDMI and VGA
		Screen Size	
		Zoom Wide	33" - 320" [0.91 - 9.07 m] or better
		Zoom Tele	33" - 320" [1.10 - 10.89 m] or better
		Standard Size	60" Screen [1.68-2.02 m] or better
		Form Factor	Portable
		Mounting Type	Ceiling Mount
		Includes remote	Yes
		MAF	Required
Warranty	Minimum 1 Year		