

GOVERNMENT OF WEST BENGAL
URBAN DEVELOPMENT AND MUNICIPAL AFFAIRS DEPARTMENT
AMRUT, WEST BENGAL
ILGUS BHAVAN, HC – BLOCK, SECTOR - III, SALT LAKE, KOLKATA 700106

Tender No. 04/WBMAD/AMRUT/22-23

Date.06.07.2022

Notice Inviting Tender

Supply and Installation of one (1) number Interactive Panel along with Micro-phone and Web-Cam for a Conference Room of “Poura Prashashan Bhavan” building a part of Urban Development & Municipal Affairs Department (UD&MA) in West Bengal through sealed bid.

The State Mission Director, for and on behalf of the AMRUT, State Urban Development Agency (SUDA), Urban Development and Municipal Affairs Department (UD & MA), Government of West Bengal, invites sealed bid from reputed Suppliers / organizations having experience in similar nature of works in last 5 (five) years, for "Supply and installation of one (1) number Interactive Panel along with Micro-phone and Web-Cam for the following work as follows:

Sl. No.	Name of the work	Estimated Amount (Including GST & all Taxes)	Earnest Money	Time of Completion	Location
1.	Supply and installation of one (1) number Interactive Panel along with Micro-phone and Web-Cam for the Conference Room of “Poura Prashashan Bhawan”.	Rate to be quoted	Rs.10,000/- (Rupees Ten Thousand Only)	7 (Seven) Days	Poura Prashashan Bhavan Dd-1 Third Avenue Road, DD Block, Sector 1, Bidhannagar, Kolkata, West Bengal 700064

Intending eligible bidders may obtain Bid document free of cost, from the office of the State Mission Director, AMRUT, Kolkata on any working day between 10.00 AM to 5.00 PM up to 12.07.2022. The bid document may also be downloaded from our web-site www.sudawb.org / www.wburbanservices.gov.in

- Technical & Financial documents in the prescribed format (enclosed herewith) sealed in separate covers and marked with Technical - (Part- I) & Financial (Part - II) bids /quotations should reach the office of the State Mission Director, AMRUT, State Urban Development Agency (SUDA), HC Block, Sector-III, Saltlake, Kolkata-700106 within 2:00 PM on 13.07.2022 and will be opened on the same day in the office at 3.00 pm.
- For any clarifications Bidder may contact Lokenath Das & Tanmay Ganguly

TERMS & CONDITIONS

1. Qualification Conditions:

- a) The Entity / Bidder must be a company as specified in Companies Act, 1956/ 2013 OR a Limited Liability Partnership registered under The Limited Liability Partnership Act, 2008 OR a Company incorporated under equivalent law abroad OR a Society registered under The Societies Registration Act, 1860 OR a Proprietorship Firm OR a Partnership Firm registered under relevant laws of India. The time period elapsed from commencement of business should be at least 05(Five) years as on 4th April 2021.
- b) MOU / Joint Venture/ sub contract in any form will not be allowed or provided in this contract.
- c) Intending tenders should produce credentials of a similar nature of Audio/Video Project at least one (1) completed work with of the minimum value of Rs.3.00 lakh during 5(five) years prior to the date of issue of the NIT.
- d) Bidder shall provide all relevant records required i.e. Income Tax Return Certificate/PAN, GST. Certificate and other taxes (whichever applied).

2. Bid price:

- a) The rates quoted by the bidder shall be fixed for the duration of the contact and shall not be subject to adjustment of any account. The rate should be quoted both in figure and in words.
 - b) The rate should be quoted including all taxes. No price escalation will be entertained.
3. The bidder shall submit the quotation with his own letter head duly signed and with official seal. Each bidder shall submit only one quotation.

Earnest Money: Earnest Money to be deposited in Technical Bid envelop in form of Demand Draft in favour of 'State Urban Development Agency-AMRUT' of any Nationalized Bank payable at Kolkata.

Security Deposit: For successful bidder the 2% earnest money will be adjusted to the security deposit and balance 8 % of the bill amount will be deducted from each bill and the same will be released after 3 (Three) months of completion of the work on demand by the successful bidder.

4. Submission of Quotations/Bid:

- A. Each bidder should submit sealed quotations (in two separate parts i.e., **Technical (Part-I)** and **Financial (Part - II)** in separate two sealed envelopes-i) mentioning on the Envelop Technical part (Part -I) and NIT No & name of Bidder and ii) mentioning on the Envelop Financial Part (II) and NIT No. & Name of Bidder Both envelop will be covered by third envelop on the Third Envelop on which NIT No, Name of Work, Name of Bidder to be mentioned.
- B. The following documents will form the Technical Part (Part -I) of the bid {Photo copy duly self- attested to be compulsorily enclosed}
 - i. Establishment Registration Certificate, Current Trade Licence, GST, PAN / TAN
 - ii. Return of Income Tax last 3 Financial Year (2018-19, 2019-20 & 2020-21)
 - iii. Certification of authorization of the company.
 - iv. Credential Certificate in form of Work order or Completion Certificate as mentioned in 1 (c).
 - v. Details of Work Experience during last 5(five) years prior to the date of issue of the NIT.
 - vi. An affidavit **dully notarized** to be submitted by mentioning
 - a) Detailing of firm
 - b) The documents submitted by the bidder is true and correct
 - c) Mentioning no debarments/ penalized from any Govt./ Semi Govt/undertaking Govt Dept./statutory body/ have been imposed to the bidder.
 - vii. Audited Accounts turn over for the last 3 (Three) FY: 2018-19, 2019- 20 & 2020-21.
 - viii. Earnest Money (EMD) of As.10,000/-
 - ix. Filled up **Annexure-A**.

- C. The Financial part (Part - II) of the bid shall consists of only Rate/Price in Performa supplied with the BOQ on the company's / Firm's letter pad. All the column and requisite information must be filled in the prescribed format along with filled up **Annexure-B**.

5. Validity of Tender:

The tender shall remain valid for a period not less than 60 days after the deadline date specified for submission.

6. Award of Contract:

Award of contract will be on the basis of lowest evaluated price for which the bidder must quote the rate for the mentioned item.

- a. Notwithstanding the above, the tender inviting authority 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 the contract.
- b. The bidder whose bid is accepted will be notified of the award of contract by the inviting Authority.

7. Other Terms & Conditions:

- a. State Mission Director, AMRUT reserves the right to proposed/postponed/cancelled the bid, the bidder will have to abide with the decision.
- b. Payment shall be made after the success full completion of the work.
- c. Quotation/bid may be submitted on the printed better head of the bidder in the prescribed format,
- d. Success full bidder will have to enter into an agreement with State Mission Director, AMRUT for timely execution of the work.
- e. No payment will be made for any damages.

We look forward to receiving your tender and thank you for your interest in this project.



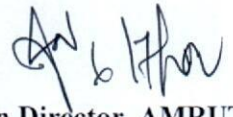
State Mission Director, AMRUT

Memo No.

Dated.: 06.07.2022

Copy forwarded for information to:

1. Director, DLB
2. Additional Mission Director, AMRUT.
3. FA, SUDA.
4. FO, SUDA.
5. PS to Principal Secretary, UD&MA Deptt., Govt. of West Bengal.
6. Notice Board, SUDA.
7. HA, SUDA is requested to make arrange for wide circulation.



State Mission Director, AMRUT

Annexure : A

PRO-FORMA FOR TECHNICAL BID (PART-I)

<u>Sl. No.</u>	<u>Particulars</u>	<u>To be filled in by the Bidder</u>
a.	Name of the Agency	
b.	Date of establishment of the agency	
c.	Detailed office address of the Agency with Office Telephone Number and Mobile Number and name of the contact person	
d.	Power of attorney in favour of the signatory signing the BID documents. Not required in case of proprietary firm if the proprietor himself signs the documents.	
e.	Whether the firm is registered under Company Act, partnership or proprietorship. (Copies of all certificates of registration to be enclosed.)	
f.	PAN/TAN Number(copy to be enclosed)	
g.	GST Registration Number(copy to be enclosed)	
h.	IT returns for the last three FY (2018-19, 2019-20, 2020-21) filed by the agency (copy to be enclosed)	
i.	Whether the firm is blacklisted by any Government Department or any criminal case is registered against the firm or its owner/partners anywhere in India. (If no, a certificate is to be attached in this regard.)	
j.	Audited Account turnover for the FY: 2018-19, 2019-20 & 2020-21 (copy to be enclosed)	
k.	Credential/Experience Certificate (Copies of Completion certificate/Work Order to be attached)	

All pages of this bid document should be duly signed by the authorised signatory as a token acceptance of all the terms and conditions by the bidder. Any other document submitted by the bidder should be signed and stamped by authorised signatory.

Place:
Date:

Signature of the Bidder
Office Seal

Annexure : B

FORMAT OF FINANCIAL BID (Part - II)

Name of the Firm:

Quotation for Supply and installation of one (1) number Interactive Panel along with Micro- phone and Web-Cam for Conference Room at **Poura Prashashan Bhavan, Dd-1 Third Avenue Road, DD Block, Sector 1, Bidhannagar, Kolkata, West Bengal 700064**

Sl. No.	Name of the work	Estimated amount in Rs.	Quoted amount (To be quoted by the bidder (Inclusive of all taxes & duties, transportation except GST) In Rs.	GST In %	Total Quoted Amount (inclusive of all taxes & duties, GST, transportation) In Rs.
1	Supply and installation of one (1) number Interactive Panel along with Micro-phone and Web-Cam for Conference Room at Poura Prashashan Bhavan, Dd-1 Third Avenue Road, DD Block, Sector 1, Bidhannagar, Kolkata, West Bengal 700064	Rate to be quoted			
Total					

1. I/ We agree to execute the above-mentioned work in accordance with technical specification & term and conditions as mentioned in the tender for a total contract price of Rs..... (in Rupees) including taxes, within 15 (fifteen) days of the issue of the work order.
2. I/ We also agree and abide with the terms and conditions stipulated in the bid document.

(Signature of Bidder with Seal)

Name:
Designation:
Address:
Contact No.:
Date:

Specification Parameters - speakerphone

<u>Sl. No.</u>	<u>Parameter</u>	<u>Specifications</u>
1	Audio Technology	The system should have a DSP based Echo Cancellation >-65dB with echo tail of 500ms or better and bi Directional noise suppression of > -18dB or better
2	Audio	It should have a frequency response of 100Hz-22KHz or better with a Micro phones coverage of 3m, 360 degrees or better with 4 Integrated microphones. It should cover up to 5m or more with the help of 2 external microphones which can be extended with cables for larger room coverage.
3	Audio Output	The Speaker volume should be 92dB or better.
4	Audio For USB VoIP Network	It should have a Microphone and Speaker frequency band of 100Hz to 22KHz or better
5	Features	It should support AEC, AGC, NLP, Noise reduction or better.
6	Certifications	It should have CE & LATEST CB Certification and also CB Test Reports to be submitted.
7	Audio For USB VoIP Network	It should have a Microphone and Speaker frequency band of 100Hz to 22KHz or better
8	Ports	It should have USB port for Skype calling.
9	Buttons	It should have Mute Indicator and Numbers, Mute Mic, Mute Speaker, Vol Up/Down or more.
10	Cables	Inbuilt cable length should be 7.5meter long with power cable & USB cable
11	Ports	It should have USB port for Skype calling.
12	Features	It should support AEC, AGC, NLP, Noise reduction or better.
13	Certifications	It should have CE & latest CB Certification and also CB Test Reports to be submitted.

Additional Specification Parameters - Interactive Display		
Sl. No.	Parameter	Specifications
1	Display Technology	OD18
2	Display Panel Diagonal size (mm)	1650
3	Width of The Effective Display Area of The Panel (mm)	1400mm or more
4	Height of The Effective Display Area of The Panel (mm)	800mm or more
5	Display Ratio	16:09
6	Resolution	3840 x 2160
7	Display Colour	1.07 billion
8	Display Colours	1.07 billion
9	Glass Transmission	>92%
10	Touch Accuracy	±1mm
11	Brightness	≥450 cd/m ²
12	Screen Orientation	Landscape
13	Panel type	IPS Ultra HD
14	Viewing Angle	178 ° or more viewing angle
15	Contrast ratio	1200:1
16	Dynamic Contrast Ratio	30000:1
17	Response Time	Not more than 8 ms
18	Lifetime	50,000 hours or more
Touch Interactive Display - Audio System		
19	Speakers	Should be seamlessly build-in the display
20	No. of speakers and power Output	Touch Interactive Display shall have minimum of 2 speakers with the power of each speaker at 20 Watts or above
21	Speaker Position	Seamlessly mounted in lower side of the display. Front facing, forward through
Touch Interactive Display - Touch Technology		
22	Deployment of Touch Technology	Advanced Infrared
23	Thickness of the touch glass	4mm Toughened Glass
24	Surface technology	Anti-Glare
25	Touch accuracy	1mm
26	Touch Sensor	Infrared or Capacitive
27	Touch Points in Windows	Must have a touch capability of minimum 20 points
28	Writing Tool	Shall use with stylus pen or finger
Touch Interactive Display - Connectivity Ports		
29	Front Interface	HDMI in*1, USB touch*1, USB3.0*3 (all systems are 3,0)
30	Inputs	HDMI in*2, DP in*1, Type C*1, VGA*1, VGA audio in*1, AV in*1, YPbPr in*1, USB2.0*1, Public USB3.0*1, Camera USB3.0*1, USB touch*1, LAN in*1

31	Outputs	SPDIF out*1, LAN out*1, (HDMI out is optional)
32	Other	RS232*1
Smart System (Android)		
33	Chips	Hisi810
34	CPU	Quad-core A73+A53 1.5GHz
35	GPU	Quad-Core MaliG51
36	Android version	Android8.0
37	Inbuilt WIFI	Dual WIFI (5G & 2.4G), Dual Hotspot (5G & 2.4G)
38	Bluetooth	BT5.0
39	RAM	4Gb
40	ROM	32Gb, with TF card slot available
41	Built-in Software:	Whiteboard, File manager, Screen mirroring, Chrome, Google play store, YouTube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording.
42	Object Reorganisation	This product supports object recognition and produces different effects according to the diameter and size of the input objects. <ul style="list-style-type: none"> ● Fist/palm: identified as an eraser (100 pt.). ● Fine Pen (3mm): suggested to use while writing. ● Thick Pen (≥ 8 mm)/ finger: suggested to use when you want to highlight
Touch Interactive Display - System Safety		
43	Mounting Capabilities	Display must have facility to mount on floor stand or wall brackets
44	Certification	Proposed Product must have BIS certification. And attach the copy as proof.
45	Provision of OPS slot	Interactive display must have OPS slot(195*180*30mm) for PC applications
46	wall mount kit and accessories	Equipment has to be supplied with suitable wall mount kit and accessories
47	Storage Temperature/Humidity	-10°C~45°C/5%~90%
48	Power consumption	$\leq 300W$
49	Gross Weight	Up to 55kg
50	Installation	Horizontal/ Vertical installation

Specification Parameters - Video conferencing camera

Sl. No.	Parameter	Specifications
1	Sensor	The camera sensor should be 1/2.7-inch-high quality 2.07MP HD CMOS sensor or better.
2	White Balance	The camera should have an Option of Auto or Manual White Balance.
3	Gain	The camera should have an auto Gain Control
4	Back Light Compensation	The camera should have a selectable Back-light compensation
5	Noise Reduction	2D & 3D or better
6	S/N ratio	The camera should have a S/N Ratio of >55db.
7	Zoom	The camera should have a 12x optical zoom
8	Interface	The camera should have a standard Video Output and should support USB 3.0 or better
9	Signal Support	The camera should support 1080p@60fps
10	Pre-sets	The camera should have at least 128 Position Pre-sets
11	Control Port	The camera should have an RS 232 port for Communication
12	Ports	1 x USB 3.0, 1 x DC Power, 1 x RS 232
13	Extension Cable	10meter USB extension cable should be supplied with camera & cable should be 4K optical cable from the same OEM.
14	Required FOV	The camera should have 72.5 Degree or better field of view
15	Sensor	The camera sensor should be 1/2.7-inch-high quality 2.07MP HD CMOS sensor or better.
16	Presets	The camera should have at least 128 Position Pre-sets
17	Field Of View	The camera should have 72.5 Degree or better field of view
18	Pan Range	The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better
19	Accessory	The camera should be supplied with IR remote control as an included accessory. Along with ceiling mount kit.
20	Certificate	It should be BIS, CE, FCC, RoHS, MMI Class 1 Certified

SL. No.	Pre-Qualification Criteria
1	Video Conference Solution OEM Should has direct technical support staff in West Bengal for immediate technical support. Official HR documentation Required.
2	Video Conference Solution OEM should have Authorised Service Centre in West Bengal for immediate support. Valid Document for Service Centre should be submitted on OEM Letter head
3	Video Conference Solution OEM Must has valid ISO 9001:2015, ISO 27001:2013 and ISO 14001:2015 Certified Company. (Related certificate copy required).
4	Video Conference Solution OEM should have established office in India from more than 10 Years. (Valid Certificate of incorporation required).
5	Manufacturer authorization: Wherever Authorised Distributors / Dealers are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the tender.
6	Datasheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
7	Dedicated/ toll free Telephone No. for service support, Escalation Matrix for Service support.
8	Video Conference Solution OEM should have at least implemented 1 order of minimum 15 Locations and running successfully since last 3 years or more in government sector running successfully including public service undertaking / PSU Banks in INDIA. PO Copy or Appreciation letter required from State Govt / Public service undertaking / PSU Banks in India.
9	The Video Conference Camera, Audio Solution in the Meeting / Conference Room & Interactive Display should be from the same OEM to avoid any integration Issues.
10	On Premise Presentation & POC needs to be done - if asked by the Buyer, for the proposed solution before opening of the Financial Bid. Financial Bids of only Technically Qualified OEMs will be Opened.