

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা ৭০০ ১০৬, পশ্চিমবঙ্গ।

"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 106, West Bengal

Memo No.: SUDA-11011(13)/17/2021-IT SEC(SUDA)-SUDA/ 5225

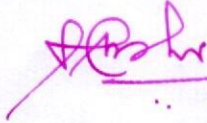
Date: 22.11.21

Notice Inviting Tender for 'Supply and installation of one (1) number Interactive Panel along with Micro-phone and Web-Cam for the 2nd floor Conference Hall of SUDA building in replacement of the existing LCD Projector' under Urban Development & Municipal Affairs Department (UD&MA) in West Bengal through sealed bid.

The Director, for and on behalf of the 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 2nd floor Conference Hall of SUDA building in replacement of the existing LCD Projector.' 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 2 nd floor Conference Hall of SUDA building in replacement of the existing LCD Projector.	Rate to be quoted	Rs.10,000/- (Rupees Ten Thousand Only)	15 (Fifteen) Days	State Urban Development Agency (SUDA), HC Block, Sector III, Bidhannagar, Kolkata-106, WB

- Intending eligible bidders may obtain Bid document free of cost, from the office of the Director, SUDA, Kolkata on any working day between 10.00 AM to 5.00 PM up to 01.12.2021. The bid document may also be downloaded from our web-site <http://www.wburbanservices.gov.in/> & <https://www.sudawb.org/>.
- 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 Urban Development Agency (SUDA), HC Block, Sector-III, Kolkata-700106 within 2:00 PM on 02.12.2021 and will be opened on the same day in the office at 3.00pm.
- For any clarifications Bidder may contact Shri. Kuntal Mahata (90024 24713) & Shri Tanmoy Gunguly (80130 23987).


.. 22/11/2021
Director, SUDA

দুরভাষ: ২৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স : ২৩৫৮৫৮০০

Tel: 2358-6403/6421/5767, Fax: 2358-5800, E-Mail: wbsudadir@gmail.com

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 03(three) years as on 1st April 2021.
- b. MOU / Joint Venture/ sub contract in any form will not be allowed or provided in this contract.
- c. Intending tenderers should produce credentials of a similar nature of 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 contract 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 Dev Agency W B (SUDA)' 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 1% of the bill amount will be deducted from each bill and the same will be released after 3 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 part 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 Workorder 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 Deptt/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 Rs.10,000/-
- ix. Filled up Annexure-A.



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Tel: 2358-6403/6421/5767, Fax: 2358-5800, E-Mail: wbsudadir@gmail.com

Speaker Mic (Ekin/ Polycom/Logitech)

SL No	Technical Specification	
1	Features: 48KHz full - duplex deep echo cancellation, ultra-wide - band HD voice technology, intelligent microphone mixing, dynamic noise suppression. Zero damage or compression in all frequency domain of human voice, it dedicates high - fidelity audio system.	
2	Best for conference room within 60-70m 'and supports within 30 attendees	
3	3 internal uni - directional microphone arrays, 8 meters of 360 - degree microphone pickup range.	
4	Supports USB, 3.5mm Line IN / OUT connection.	
5	Supports POE and the Ethernet cable can be over 50 meters.	
6	Supports software video conferencing, web software - conferencing, video terminal and UC	
7	The echo cancellation function can be turned off, the multi-channel microphone is output to the external video terminal or PC by intelligent selection and noise reduction.	
8	Supports advanced multistage chaining additional 4 no of Slave device with omni directional mic each device	
9	Bi-directional noise compression > 18dB.	
10	Intelligent automatic direction of microphone (EMI).	
11	Automatic gain control (AGC)	
12	Microphone frequency response: 100Hz-22KHz.	
13	Speaker volume up to 95dB, 16 levels adjustable.	
14	Convenient and rich function: conference, hold, mute, etc.	
15	Reverberation Time	< 0.5s.
16	Noise Degree	< - 48 dBA.
17	Power Requirement	12V/500mA
18	Speaker	MAX 87dB
19	Working Temperature	5°C-40°C(running).
20	Storage Temperature	0°C-70°C.
21	Humidity	20%-85%.
22	Network Interface	Two POE (RJ-45) connector
23	OS Support	Win7, Win 10, Win XP, Vista, Linux, Apple iOS, Android OS

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Annexure: A
PRO-FORMA FOR TECHNICAL BID (PART - I)

Sl. No.	Particulars	To be filled in by the Bidder
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 favor 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 Accounts turn over 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 authorized signatory as a token of acceptance of all terms and conditions by the bidder. Any other document submitted by the bidder should also be signed by the authorized 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 the 2nd floor Conference Hall of SUDA building in replacement of the existing LCD Projector

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 %ag	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 the 2 nd floor Conference Hall of SUDA building in replacement of the existing LCD Projector	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:

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. Director, SUDA 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 successful completion of the work.
- c. Quotation/ bid may be submitted on the printed letter head of the bidder in the prescribed format.
- d. Successful bidder will have to enter into an agreement with Director, SUDA 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.

Memo No. SUDA/1101(C13)/17/2021-ITSSC(4)/5225/1(6)
Copy forwarded for information to:

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

Director, SUDA

Date: 22.11.21

22.11.21

22/11/2021

Director, SUDA

22/11/2021

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Annexure - C Scope of Work

Technical Specification:

A. Interactive Flat Panel 75 inches (Ekin /Cisco/Promethean/Smart)		
SL NO	Technical Spec	
1	Active Screen Size ("inch)	75"
2	Display Backlight	DLED
3	Display Area	1650.24mm(H) X 928.26mm(V)
4	Display Ratio	16 : 9
5	Resolution	3840*2160 or better
6	Display Colors	10 bit or better
7	Brightness	400 nits or better
8	Contrast Ratio (Typical)	5000:1 or better
9	Response Time (Typical)	4ms or better
10	Viewing Angle	178°
11	Life time (working hours)	>60,000 hours or better
12	Display Orientation	Landscape
13	Reference Frequency	120Hz
14	Speakers	Should be SEAMLESSLY build-in the display
15	Max.Power Output	2x15 Watts or above
16	Speaker Position	Seamlessly mounted in lower side of the display. Front facing, Forward through
17	Rated Impedance	8Ω
18	Freq.Response	120HZ
19	Output S.P.L.	84 ± 3dB
20	Touch Technology Deployment	Touch feature should be seamlessly build-in the display and NO overlay is allowed
21	Touch Sensor	Advanced IR
22	Surface material of touch surface	Anti-Glare & Anti-Finger Print Glass
23	Protection	3M antiglare
24	Haze	2%-5%
25	Touch Screen Writing Tools	Nano Pen (>3mm width) included or Finger
26	TOUCH Response time	≤4ms or better
27	Positioning Accuracy	±1mm or better
28	Transmission Range	5M
29	Transparency	>88% or better
30	Surface Hardness	H7 or more than H7
31	Glass thickness	4 mm
32	HID Support	Must have a provision to connect with any external sources
33	Touch Points in Windows	Must have a touch capability of MINIMUM 20 points
34	Touch Points in Embedded OS	Must have a touch capability of MINIMUM 10 points
35	Writing Tool	Shall use with Nano Pen (>3mm width) included or Finger
36	Scan Speed	133Hz or better
37	Communication Interface	inbuilt - USB-A type

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38	Ports	2x HDMI , 1x USB fro touch, 2 x USB for Media play function, 1x Microphone(3.5mm):-To connect any external microphone, DPx1 (4K@60Hz)+ USB for Touch Port 3 while using Display port, RJ45 x 1, USB 3.0 x 1, VGAX1 (1920x1080@60Hz) + USB for Touch Port 4 while using VGA port, 3.5mm Line out x 1 DC Out (5V 2A) x1
39	OPS Slot	Min one OPS slot
40	Multimedia File Formats Supported	Support all major types of multi-media files
41	GUI - Graphic User Interface	The display must have GUI for ease access of resources, functions and shortcuts. This GUI shall be any proprietary OSbut must be computable with Android coding.
42	Play Store	Should have play store installed in Android OS
43	Software Features	Software must support all basic features like Pen selection, width selection, Color change, Background change, erase, Multiple page navigation, saving of file in PDF and JPEG.
44	Special software Features	Whiteboard software should give option to navigate page with2 fingers without using menu. Special eraser to erase while writing wihtout selecting menu.
45	Customized GUI	User can easily customized their own background and logo's
46	Multimedia File Formats Supported	Support all major types of multi-media files
47	RAM	3GB or higher
48	ROM	32GB built in or higher
49	Power consumption	power consumption 250 watts or lower
50	Android Version	9.0.0 or higher
51	Android resolution	4K
52	Storage Temperature/Humidity	-15°C~55°C/20~90%RH(Non coagulation)
53	Working Temperature/Humidity	0°C-40°C/20~80%RH(Non coagulation)
54	Mounting Capabilities	facility to mount on floor stand or wall brackets
55	Brand	Brand should be registered in India as on 1st Jan 2020
56	Manufacturer's authorization	The bidder must submit the authorization certification

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B. Wall Mount Kit for Pannel(Ekin/Ebco/MX)

SL NO	Technical Spec
1	Suitable for TV size: 65"-98"
2	Including a precision bubble lever to assure proper mounting angle.
3	Fits most flat panel plasma and LCD TV, safe and easy to install.
4	Surface: powder coated.
5	Compliant to VESA standard: 200*200mm.
6	Max load capacity: 85 kg.

C. OPS (Ekin/Dell/HP)

SL No	Technical Spec	
1	PROCESSOR	Intel Core i5 FCLGA1200 socket
2	Chipset	Intel H410 Chipset
3	MEMORY	4GB DDR4 Expandable upto 32GB support
4	GRAPHICS	On Board Intel® UHD Graphics
5	LAN	10/100/1000 Gigabit LAN
6	STORAGE	SATA socket to connect hdd
7	USB	4 x USB 3.0 PORTS + 2 x USB 2.0 PORTS
8	Type C port	1 X TYPE C PORT
9	DIMM Slots	2 Slots
10	Wi-Fi	2.4 Ghz + 5 Ghz
11	Bluetooth	BT 4.0
12	AUDIO	AUDIO IN + OUT
13	Socket pin	80 Pin
14	DISPLAY PORT	DP / HDMI
15	OS	Windows 10 Home / Windows 10 Professional / ubuntu Supported

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D. Full HD PTZ 10X Optical Zoom Camera (Ekin/Cisco/Polycom)

SL No	Technical Specification	
1	Sensor	½.8-Inch-High Quality Hd Cmons Sensor
2	Effective Pixels	16:9 2.07mp
3	Video Format	HDMI, USB2.0 and 3.0/Audio (1080P 60/50/30/25 FPS)
4	Optical Zoom	10x, F=4.7—47mm
5	View Angle	6.43degree (Tele)—60.9degree Wide.
6	AV	F1.6 – F3
7	Digital Zoom	10x
8	Minimum Illumination	0.5lux (F1.8, Agc On)
9	DNR	2d & 3d Dnr
10	White Balance	Auto/Manual/One Push/3000k /4000k/ 5000k/ 6500k
11	Focus/Iris/Electronic Shutter	Auto/Manual
12	Blc	On/Off
13	Wdr	Off/Dynamic Level Adjustment
14	Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness. B/W
15	Snr	>55db
Input/ Output Interface		
16	Video Interfaces	HDMI,Usb/, Audio-In, Lan and Rs232
17	Image code Stream	Double Streams outputs Simultaneously
18	Video Compression Format	H.264, H.265, Dual Stream Output
19	Control Signal Interface	Rs-232 Ring through Rs232 output,Rs-485
20	Control Protocol	Visca/Pelco-D/Pelco-P;Baud Rate:115200/9600/4800/2400bps
21	Audio Input Interface	Double Track 3.5mm Linear Input
22	Audio Compression Format	Aac/Mp3 Audio Compression
23	Lan Port	100m Ip Port(100base-Tx); Support Visca Protocol Control Through Ip Port.
24	Network Protocol	Rtsp,Trmp, Onvif, Gb/T28181
25	Power Interface	Dc12v
Ptz and Other Parameter		
26	Pan/Tilt Rotation	+170 Degree, -30 Degree--+90 Degree
27	Pan Control Speed	0.1 -180 degree/Sec
28	Tilt Control Speed	0.1 -180 degree/Sec
29	Preset Speed	Pan:60 Degree/Sec, Tilt 30 Degree/Sec
30	Preset Number	255 Presets (10 Presets By Remote Controller)
31	Power Adapter	Ac110v-Ac220v To Dc12v/1.5a
33	Remote Operation (Ip)	Remote Upgrade, Reboot And Reset

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