Minutes of Pre-bid Meeting of the Tender published for Supply, Installation & Integration, Management and Maintenance of Equipment for Virtual classrooms at ANM/GNM Schools and IGIMS College of Nursing in the state of Bihar.

1. With reference to the **Notice Inviting Tender (NIT) Reference No.: - 12/SHSB/Virtual Classroom/ 2020-21** for Supply, Installation & Integration, Management and Maintenance of Equipment for Virtual classrooms at ANM/GNM Schools and IGIMS College of Nursing in the state of Bihar, published in leading newspapers [PR.07263 (Ni.Ni.) 2020-21] and uploaded on the website "*http://www.eproc.bihar.gov.in/BELTRON*" *and "statehealthsocietybihar.org"*, the Pre-Bid meeting was held on **05/10/2020** at **11.00 AM** in the Conference Hall of the 'State Health Society, Bihar (SHSB), Pariwar Kalyan Bhawan, Sheikhpura, Patna'.

2. The following members of the Technical Committee were present in the Pre-bid Meeting:
   - (i) Dr. Kaushal Kumar, Director in Chief (Nursing), Health Services, Patna, Bihar — Chairman
   - (ii) Shri Khalid Arshad, Administrative Officer, State Health Society, Bihar — Member
   - (iii) Dr. Ravishankar Singh, Chief Medical Officer, ROHFW (GoI), Patna — Member
   - (iv) Shri. Yogendra Prasad, Additional Director (Finance), State Health Society Bihar — Member
   - (v) Dr. Y. N. Pathak, SPO, Nursing Cell, State Health Society, Bihar — Member Secretary
   - (vi) Shri Arvind Kumar, System Analyst-cum-Data officer, State Health Society, Bihar — Member
   - (vii) Ms. Anuja Daniel, Principal, College of Nursing, IGIMS, Patna — Member
   - (viii) Shri Sumit Biswas, Representative of SRU, Patna — Member

3. The officer/employee/representative of the following interested bidders participated in the pre-bid meeting physically and few of them participated virtually: -

   1) M/s Wizertech Informatics Pvt. Ltd.
   2) M/s BenQ India Pvt. Ltd.
   3) M/s Graphic Trades Pvt. Ltd.
   4) M/s Trigyn Technologies Limited

4. The following queries/clarification were requested by the prospective bidders via email on shsbnursingcell@gmail.com:

Sr. No	NIT Reference	As published in NIT	Query/ Request of interested agencies	Clarifications/ Amendments Recommended by Technical Committee
1	Page 41, S. No. 1 of Point 8: 120W Mixer Amplifier with multiple audio sources, Appendix 1 – Technical Specification of Equipment/Software	*"Should support Bluetooth, MP3 & Tuner with remote control function"*	Requested updating to "Two inputs selectable between stereo balanced line (RCA) and microphone (6.3 mm Jack) allow connection for any source such as CD-player, music computer or portable device, or enable to expand the total microphone count to 6". Justification for the request - For classroom application, line and mic input are only required as application. You can play music or any audio by connecting audio source to the line input. For Bluetooth, you can connect any Bluetooth receiver to the aux input. It is advisable to keep Bluetooth separate as any issue will require to change the mixer amplifier itself.	*"Optional support for Bluetooth but MP3 & Tuner with remote control function."* *(The amendment as above is recommended)*
2	Page 41, S. No. 2 of Point 8: 120W Mixer Amplifier with multiple audio sources, Appendix 1 – Technical Specification of Equipment/Software	*"Input Ports: 1 EMC, 4 MIC & 2 AUX or more"*	Requested to change to "Balanced Microphone 1 - 4 Type 4 x Balanced Mic./Line (-6 dB / -50 dB) Connector 2 x XLR/Jack Combo & 2 x XLR Other 4 x 15 V DC Phantom & 2 x Priority" Justification for the request - Inputs given are more than sufficient. Additional XLR inputs give more flexibility in microphone connectivity for future (for podium mics)	*No Change* *(The bidders request is not accepted.)*

Sr. No	NIT Reference	As published in NIT	Query/ Request of interested agencies	Clarifications/ Amendments Recommended by Technical Committee
3	Page 41, S. No. 3 of Point 8: 120W Mixer Amplifier with multiple audio sources, Appendix 1 – Technical Specification of Equipment/Software	*"Each channel should support Volume, Master Volume, Bass/Treble tone control function"*	Requested to change to "The output level can be adjusted using a master volume control accompanied with 2-band tone regulation. The level is indicated with a 5-segment VU-bar while output selection is made possible using an integrated 5-zone speaker switcher." Justification for the request - All controls are provided along with master volume controller, since speakers are being used in same classroom, individual channel volume control is not required and zoning will not be possible. However with additional 5 zone speaker switcher of Amp gives more advantage of zoning in case it is required for future expansion	*"Supports Volume, Master Volume, Bass/Treble tone control function"* *(The amendment as above is recommended)*
4	Page 41, S. No. 5 of Point 8: 120W Mixer Amplifier with multiple audio sources, Appendix 1 – Technical Specification of Equipment/Software	*"Should support digital screen display"*	Requested to change to "Front panel control" Justification for the request - Front panel control is sufficient to check volume / basic audio controls in a classroom. Digital display for such small applications unnecessarily makes the amplifier expensive.	*No Change* *(The bidders request is not accepted.)*
5	Page 41, S. No. 10 of Point 8: 120W Mixer Amplifier with multiple audio sources, Appendix 1 – Technical Specification of Equipment/Software	*"Maximum power consumption: 180W"*	Requested to change to "Power Supply Transformer Source 230 ~ 240 V AC / 50 ~ 60 Hz" Justification for the request - It is very important to show the type of power source to which device needs to be connected as wrong power source might lead to damage of equipment	*"The specification stands negated/deleted."* *(The amendment as above is recommended)*

Sr. No	NIT Reference	As published in NIT	Query/ Request of interested agencies	Clarifications/ Amendments Recommended by Technical Committee
6	Not Applicable	Not Applicable	The bidder has requested to provide "12 U Rack" at each location to safeguard the equipment. The specification of the rack can be: 12U Floor Mount with Front Glass Door with Lock + 1U Cable Manager-, Roof Mounted Fan Tray with 2 Fan, 230V AC, 3 Unit of 19" Mounted PDU with 4 Sockets of 5/15A Type 3 Pack of Hardware.	*No Change.* *(The bidders request is not accepted.)*
7	Page 42, S. No. 6 of Point 9: 45W Wall Mount Speaker, Appendix 1 – Technical Specification of Equipment/Software	*"Sensitivity of the loudspeakers should be 88 dB SPL or better"*	Request to change sensitivity of the loudspeakers to 87 dB SPL or better. Justification for the request - It seems to be OEM specific to one make only.	*"Sensitivity of the loudspeakers should be 87 dB SPL or better"* *(The amendment as above is recommended)*
8	Page 15, Point 1, Clause 3, Section V: Scope of Work	*"The agency shall install a PC/laptop and a Webcam in Skill lab while the rest of the equipment in State nodal office at IGIMS."*	The bidder has requested for additional one set of audio system and projector with screen skill lab at Hub.	*"The agency shall install a PC/laptop and a Webcam in Skill lab while the rest of the equipment in State nodal office at IGIMS. Further, the agency shall also provide a speaker (powered through desktop USB ports) in skill lab."* *(The amendment as above is recommended)*
9	Not Applicable	Not Applicable	Request to ask tender specific authorisation from OEM of other main important equipment like PC/Laptop; Display; UPS; Audio System & Projector.	*Since the equipment will be sourced on rental basis and their ownership will remain with agency, it shall be agency's responsibility to maintain uptime of the equipment. In addition, the equipment's to be installed must be as per the specification provided in the tender document.* *(The above clarification is recommended)*
10	Page 9, Clause 2.2, Section III: Eligibility Criteria	*"The Bidder should have experience of completing atleast 2 (two) IT infrastructure projects (hardware, networking and software) with Central/ State govt/ PSUs/ semi-government during the last 3 years, as on Sep 30, 2019."*	Request to include experience related to Information Communication and Technology (ICT) and Software Application for 5 years, as on Sept. 30,2019.	*No Change as ICT is a broad domain and we are looking for targeted services related to IT infrastructure projects.* *(The bidders request is not accepted.)*

Sr. No	NIT Reference	As published in NIT	Query/ Request of interested agencies	Clarifications/ Amendments Recommended by Technical Committee
11	Page 33, Point 3, Appendix 1 – Technical Specification of Equipment/Software	**"Long Through Projector"** | Features	Technical Specifications | |---|---| | Technology | DLP/LCD | | Brightness | 3000 ANSI Lumens | | Resolution | Minimum WXGA (1280 x 800) | | Light Source | Laser/ LED/ Laser & LED Hybrid | | Lamp Life in ECO mode | 20,000 hours | | *Contrast Ratio* | *20000:1 or better* | | *Projection Ratio* | *0.52 or better* | | *Projected Image size* | *30-300 inches* | | *Warranty on Light Source* | *5 years or 10000 hours* | | *Warranty on Projector Unit* | *3 years* | | Dust Resistant Design | Yes | | Connectivity | RGB, HDMI, Audio In, Audio Out | | Instant On/Off/Restar | Yes | | *Life* | *Up to 20,000 hours* | | Ports | D-sub (VGA), HDMI and Audio in & out 3.5 mm stereo jacks | | Ceiling Mounting Kit | Yes. With necessary accessories to fix on ceiling/wall and required cables | | Remote Controller | Yes. With batteries | | Screen | 6 X 8 feet Wall Mount Screen with accessories and stand | | Accessories | With all necessary accessories and cables to make the projector functional. The bidder should supply Power cable to connect projector when ceiling/wall mounted. |	The bidder has requested changes in the following specifications: 1. Long through projector to small through projector. 2. Lamp life to be changed to minimum 20,000 hrs life in normal mode. Eco mode gives even higher life. 3. Contrast Ratio to be changed to minimum 100,000:1. Higher contrast ratio means better picture quality and sharper text which is required in classrooms. 4. Life to change to minimum 20,000 hrs. Laser or LED based projector have a minimum life of 20,000 hrs of light source in normal mode. 5. Ceiling mounting kit to be changed to Wall mount kit. Short throw projectors are fixed on wall with Wall mounts made specifically for Short throw Projector. 6. Accessories to be changed to "with all necessary accessories and cables to make the projector functional. The bidder should supply Power cable to connect projector when wall mounted."	*Projector* | Features	Technical Specifications | |---|---| | Technology | DLP/LCD | | Brightness | 3000 ANSI Lumens minimum or higher | | Resolution | Minimum WXGA | | Light Source | Laser/ LED/ Laser & LED Hybrid | | *Lamp Life in ECO mode* | *10,000 hours* | | Dust Resistant Design | Yes | | *Connectivity* | *RGB, HDMI, Audio In, Audio Out, Wireless (Optional)* | | Instant On/Off/Restart | Yes | | Ports | D-sub (VGA), HDMI and Audio in & out 3.5 mm stereo jacks | | Ceiling Mounting Kit | Yes. With necessary accessories to fix on ceiling/wall and required cables | | Remote Controller | Yes. With batteries | | Screen | 6 X 8 feet Wall Mount Screen with accessories and stand | | Accessories | With all necessary accessories and cables to make the projector functional. The bidder should supply Power cable to connect projector when ceiling/wall mounted. | *(The amendment as above is recommended)*

5. Change in Schedule of Events:

Sno.	Event Description	Timeline	New Timeline
3.1	Date & time of downloading the RFP	Till 21/10/2020 (Wednesday) up to 05:00 PM , on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON).	Till 30/10/2020 (Friday) up to 05:00 PM , on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON).
3.2	Last date & time for submission (upload) of online bidding document.	22/10/2020 (Thursday) till 05:00 PM, on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON)	31/10/2020 (Saturday) till 05:00 PM, on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON)
3.3	Last date & time for submission of EMD in Hard (Physical) Copies (Offline Mode)	27/10/2020 (Tuesday) by 05:00 PM, to "The Executive Director (ED), State Health Society, Bihar, Pariwar Kalyan Bhawan, Sheikhpura, Patna-800014"	02/11/2020 (Monday) by 05:00 PM, to "The Executive Director (ED), State Health Society, Bihar, Pariwar Kalyan Bhawan, Sheikhpura, Patna-800014"
3.4	Time, Date of opening of Technical Bid	28/10/2020 (Wednesday) at 11:00 AM on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON	03/11/2020 (Tuesday) at 11:00 AM on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON
3.5	Time, Date of opening of Financial Bid	25/11/2020 (Wednesday) at 11:00 AM on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON	25/11/2020 (Wednesday) at 11:00 AM on the e-Procurement Portal (https://www.eproc.bihar.gov.in/BELTRON

Shri. Sumit Biswas
Representative of SRU

Ms. Anuja Daniel
Principal, College of Nursing, IGIMS, Patna

Shri Arvind Kumar
System Analyst-cum-Data officer, State Health Society, Bihar

Dr. Y. N. Pathak
SPO, Nursing Cell, State Health Society, Bihar

Shri Yogendra Prasad,
Additional Director (Finance),
State Health Society Bihar

Dr. Ravishankar Singh
Chief Medical Officer, ROHFW (GoI), Patna

Shri. Khalid Arshad
Administrative Officer,
State Health Society, Bihar

Dr. Kaushal Kumar
Director in Chief (Nursing), Health Services,
Patna, Bihar