



बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड

BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(A Govt. of Bihar Undertaking)

ISO 9001:14001;OHSAS 18001

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दर उद्धरण हेतु अल्पकालीन कोटेशन आमंत्रण सूचना सं० -01 वर्ष / 2024-25

निबंधित संवेदको/ख्याति प्राप्त फर्मो/कंपनियों/आपूर्तिकर्ताओं दिनांक-06.05.2024 के अपराहन 03:00 बजे तक राज्य के चंद्रगुप्त प्रबंध संस्थान पटना एवं सिमुलतला आवासीय विद्यालय जमुई के विभिन्न निर्माण कार्य हेतु गैर अनुसूचित मदों की आपूर्ति एवं अधिष्ठापन के लिए निम्नांकित मदों हेतु मुहरबंद कोटेशन अधीक्षण अभियंता, बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि०, पटना के कार्यालय में प्राप्त किया जाएगा एवं उसी दिन अर्थात् दिनांक:-06.05.2024को अपराहन 03:30 बजे कोटेशनदाताओं या उनके अधिकृत प्रतिनिधियों के समक्ष खोला जाएगा।

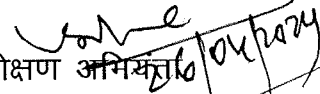
Sl. No.	Item Description	Unit	Qty	Rate In Digits	Rate In Words
1	Supply, Installation, Testing and Commissioning of 4k Codec based-Wireless Presentation System, 12x cam., Also support Native Support for native 3rd party applications which includes Zoom Rooms, Microsoft Teams, Ring Central, GoTo Room, Dialpad, BlueJeans. all complete job as per direction of EI.	Lot	1		
2	Supply, Installation, Testing and Commissioning of IP Table Microphone Array: Contains one Microphone Array and one 25' CAT 5E SHLD Ethernet cable. all complete job as per direction of EI.	Nos	1		
3	Supply, Installation, testing and commissioning of Touch Control Unit with external power supply all complete job as per direction of EI.	Nos	1		
4	Supply, Installation, Testing and Commissioning of Power Kit Incl. 100-240V, 1.0A, 55V/30W, IEEE 802.3at compliant mid-span power injector for 10/100/1000 Mbps Ethernet Ships with 1 8m/6ft power cord with India plug and 2 1m/7ft Ethernet cable. all complete job as per direction of EI.	Nos	1		
5	SITC of Chairman Advance wireless Microphone : It should have the facility to turn on the Chairman microphone any time. It should support camera tracking towards the speaker, Chairman microphone should be have Priority function: Chairman can mute delegate microphones by a press of a key. It should have Chairman only mode, Delegate microphone cannot be turned on if chairman microphone priority priority button is pressed, Should be Portable table top mobile, and microphone should be detachable and shall be pull out. It shall be fixed like tightening a bolt . Should Electric capacity type microphone, should be equipped with windshield cover , Should have LCD display with microphone ID, battery level status, microphone state, control channel, etc. It should be operated on either their built-in rechargeable batteries or with direct power also. Battery life approx. 8 hours during speech and approx. 30 hours when standby. It should have built-in speaker., Should be equipped with microphone on/off key and indicator. , Should hve with 3 function keys to set microphone id, control channel, volume level and battery status., Built-in volume control, Microphone will shut off the power or shall go in in standby, if receiver is powered offAudio channel : Transmission method -UHF Wireless (two way), Audio channel 5 (1 chairman,4 delegate) , Carrier frequency band -610 MHz-665MHz, Modulation method- FM, Maximum Modulation - 60HKz, Radiant Power ≤+9dBm , Audio gain ≤20 , Frequency response 50HZ-15KHz , S/N Ratio >85dB, T.H.D. <0.8%; Data control Channel : Transmission method Wireless (two-way), Data channel 16 , Frequency Range 422.4 MHz ~ 438.4MHz , Modulation method FSK , Receiving sensitivity -100dBm, Transmission Consumption <6dBm , Communication rate 100Kbps , Frequency deviation <0.002 all complete job as per direction of EI.	Nos	1		

6	<p>Delegate Advance wireless Microphone: It should support camera tracking towards the speaker, Should be Portable table top mobile, and microphone should be detachable and shall be pull out. It shall be fixed like tightening a bolt . Should be Electric capacity type microphone, should be equipped with windshield cover , Should have LCD display with microphone ID, battery level status, microphone state, control channel, etc. It should be operated on either their built-in rechargeable batteries or with direct power also. Battery life approx. 8 hours during speech and approx. 30 hours when standby. It should have built-in speaker. Should be equipped with microphone on/off key and indicator. , Should hve with 3 function keys to set microphone id, control channel, volume level and battery status., Built-in volume control, Microphone will shut off the power or shall go in in standby, if receiver is powered off Audio channel : Transmission method -UHF Wireless (two way), Audio channel 5 (1 chairman,4 delegate) , Carrier frequency band -610 MHz~665MHz, Modulation method- FM, Maximum Modulation - 60HKz, Radiant Power \leq+9dBm , Audio gain \leq20 , Frequency response 50HZ-15KHz , S/N Ratio >85dB, T.H.D. <0.8%; Data control Channel : Transmission method Wireless (two-way), Data channel 16 , Frequency Range 422.4 MHz ~ 438.4MHz , Modulation method FSK , Receiving sensitivity -100dBm, Transmission Consumption <6dBm , Communication rate 100Kbps , Frequency deviation <0.002 all complete job as per direction of EI.</p>	Nos	1		
7	<p>SITC of Wireless Controller : Support Mode: Limit (1/2/3/4), First In First Out (FIFO -1/2/3/4), Chairman Only, Microphones in one system supports up to 256 units or more in one room. 5 microphones can be turned on at the same time., Should Adopt multi-channel high band and intermediate band frequency selective filtering, fully eliminate Interference signal , Built-in feedback eliminating technology which decreases the feedback and noise effectively, Built-in multiple noise detecting circuit and Tone Lock system to make sure the system has strong antijamming function , Operation distance up to 100 standard conditions meters, 60 metres in normal condition. , Support video camera auto-track function towards the speaker with integradetd video processor, Should have Built-in recording module to record and play audio, Should have 16x32 dot matrix LCDdisplay system information , Receiver shall be able to control the microphone status when powered off, such as clear or shutting off all microphones. , Designed accordance to UL CE and RITE standards, Built-in USB recording module, Installation: 19- inch frame ; Audio channel : Transmission method UHF Wireless (two way) Audio channel 5 (1 chairman,4 delegate) , Carrier frequency band 610 MHz~665MHz , Modulation method FM, Maximum Modulation 60HKz, Receiving Sensitivity - 100dBm , Audio gain \leq20 , Frequency response 50HZ-15KHz , S/N Ratio >85dB, T.H.D. <0.8%; Data control Channel : Transmission method Wireless (two-way), Data channel 16 , Frequency Range 422.4 MHz ~ 438.4MHz , Modulation method FSK , Receiving sensitivity - 100dBm, Transmission Consumption <6dBm , Communication rate 100Kbps , Frequency deviation <0.002. all complete job as per direction of EI.</p>	Nos	1		
8	<p>SITC of Amplifier : Power Output: 175W Max., 170W RMS at 10% THD, 110W RMS at 5% THD; Output Regulation = 2 dB, no load to full load at 1kHz; Input Channels : 5 \times Mic 0.65mV/4.7k Ohms , 2 \times Aux 100mV/470k Ohms; Frequency Response : 50-15,000Hz \pm3dB; Signal to Noise ratio : 60dB; Tone Control : Bass \pm10dB at 100Hz, Treble\pm10dB at 10KHz; Outputs : Line: 200mV/600 Ohms, 1V/1k Ohms; Speaker Output : 4 Ohms, 8 Ohms & 100V; Digital Player : MP3 Player with USB, SD Card & Bluetooth; Power Supply : AC: 220-240V 50/60Hz, DC: 12V; Power Consumption : AC : 250VA DC : 4A; USB Pen drive, SD Card Plug and Play; Compatible with Radio, Bluetooth; EQ & Recording; 5 Channels Microphone Inputs; 2 Channels Aux Inputs; 1 Channel Line Output; 100V Constant Voltage Output and 4Ω 8 Ω 16 Ω Resistance Output all complete job as per direction of EI.</p>	Nos	1		

9	SITC of Speaker: Should have Two-way speaker configuration , Power handling: 200W peak (50W RMS) or more, 5.25" woofer and ½" titanium-laminate tweeter or better; Frequency range (-10 dB): 80 Hz – 20kHz or better ; Frequency response (+/-3 dB): 100 Hz – 18kHz or better ; Power Capacity: 150W or more ; Sensitivity: 87 dB SPL, 1 W 1 m (3.3 ft) or better; Maximum SPL: 108 dB continuous, 114 dB peak or more; Directivity Factor (Q): 6.0 or better ;Directivity Index (DI): 7.8 dB or better ; Nominal Impedance: 8 ohms or better ; Crossover Frequency: 4.2 kHz or more ; Overload Protection LF Driver: 135mm (5.25 in) low frequency loudspeaker or better ; HF Driver: 19 mm (.75 in) polycarbonate dome tweeter or better ; Enclosure Material: Polypropylene Structural Foam Should have Allweather construction for the outdoors; Easy setup ; Input Connectors: Spring – loaded terminals all complete job as per direction of EI.	Nos	1		
10	Cable, Connector and other accessories	Lot	1		
11	Battery Charger	Nos	1		
12	SITC of Dry UPS Battery :Battery Particulars- Battery type Sealed Maintenance Free Valve Regulated Lead Acid (SMF-VRLA), Battery @C20 Rating 12V-150 AH Number of Batteries 30, Battery Dimensions (485(L) x 170(W) x 240 (H) mm) approx., Weight 43.0 kg approx. Characteristic Capacity (at 25 deg C)- 20 hrs rate 150 Ah, 10 hrs rate 135 Ah, 3 hr rate 119 Ah, 1 hr rate 88 Ah Self Discharge (at 25 deg C)- After 3 months 91%, After 6 months 82% Cut off voltage (at 25 deg C)- 30.0A – 75.0 A 10.2V, 7.5A – 30.0 A 10.5V Discharge Characteristics (at 25 deg C)- Charge Regime: Batteries shall be charged in constant potential mode with current limit, Float charging voltage 13.5 volts per module @27 deg C, Boost Charging voltage 13.8 volts per module @27 deg C Current limit 10 Amps minimum to 25 Amps maximum, Voltage ripple allowable <2% of the RMS value, Recommended Voltage all complete job as per direction of EI.	Nos	1		
13	SITC of Smart Television Tv 86/85, Inch LED Backlit LCD, Specification- Screen Size (Inches) 86/85, Resolution (Pixels) (3840x2160) UHD, Category - Smart, Operating System in case of Smart TV- Web OS, Screen Mirroring - Yes, Inbuilt Speakers- Yes, Wattage of Speakers- 10W x 2, Number of HDMI Ports- 3, Number of Ethernet Ports- 1, Number of USB Ports- 1, Warranty (Years)- 3, etc. Make - Sony/LG/Samsung or better make Central Amplifier, Chairman Mic, Delegate Mic, Podium Mic, Speaker, Speaker Cable all complete job as per direction of EI.	Nos	1		
14	supply & laying Moldo Vinyl/ Moldo PU Flooring for Indoor Sports, Thickness 10 mm all complete job as per direction of EI.	Sqm	1		
15	S.I.T.C of 11/0.433 kV Copper wound , off-load Transformers at site as per BEE latest specification star rating Star -1 effective from 1st july 2017 which is same as BIS- 1180 Part 1 2014 Level -2 and as per latest specification UP power corporation make preferred crompton , Schneider or any equilentd make including construction of Plinth and earthing etc. with all material as per technical requirement with 5 years warrenty , Rating 630 KVA all complete job as per direction of EI.	Set	1.00		
16	Providing, Installing, Testing and Commissioning of 'Silent Type' Diesel Generating set alongwith having Prime Power Rating suitable to drive of 500 KVA, 415 volts at 1500 RPM, 0.8 lagging power factor at 415 V suitable for 50 Hz, 3 phase system generator & for 0.85 Load Factor and consisting of the followings. GENERATOR SET 500 KVA Diesel Engine all complete job as per direction of EI.	Set	1.00		
17	Providing and installing 3KVA Online UPS & Battery 12V/26AH SMF Battery all complete job as per direction of EI.	Set	1.00		
18	Providing and Fixing Automatic Sensor Door (2400mmx 2850mm) all complete job as per direction of EI.	Set	1.00		
19	Fixing of 50 Liters Storage type water heater/ Geyser with required accessories like 15 mm CP angle valve on inlet , heavy duty reinforced flexible PVC connector for cold water line and flexible CP brass connector with CP checkout for hot water line, CPVC line connection, MS bracket with two coats of enamel paint, anchor fastners etc to hang the units, providing and fixing of 16 A 3 Pin plug of , etc complete as required as per direction of E/I. Capacity 50 Liters	Nos.	1.00		

विशेष शर्तें—

- कोटेशन दाता सीलबंद लिफाफे में कोटेशन समर्पित करेंगे।
- कोटेशनदाताओं को अपना दर (सभी करों, GST एवं ढुलाई व्यय के साथ) अंक एवं अक्षरों में उद्धृत करना होगा। सामग्रियों की आपूर्ति बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम (BSEIDC) के अंतर्गत विभिन्न कार्य स्थलों पर किया जाना है।
- कोटेशनदाता द्वारा अपने फर्म का रजिस्ट्रेशन नं०, GST रजिस्ट्रेशन नं० एवं PAN समर्पित करना अनिवार्य है।
- कोटेशन में निहित मदों के लिए संबंधित प्रतिष्ठान/फर्म/आपूर्तिकर्ताओं द्वारा मदवार दर समर्पित किया जाएगा।
- सामग्रियों के इकाई दर के निर्धारण हेतु यह कोटेशन आमंत्रित की गई है। सामग्रियों की आपूर्ति Bulk में ली जाएगी।
- विशेष सूचना के लिए इस कार्यालय का सूचनापट्ट या इस कार्यालय का वेबसाइट www.bseidc.in पर देखें अथवा अधोहस्ताक्षरी के कार्यालय में कार्यावधि समय 10:00 बजे पूर्वाह्न से अपराह्न 05:00 बजे तक संपर्क किया जा सकता है।


अधीक्षण अभियंता/अधीक्षक
BSEIDC, पटना