

बिहार राज्य भवन निर्माण निगम, लि० पटना
(बिहार सरकार का उपक्रम)
दर आमंत्रण हेतु कोटेशन आमंत्रण सूचना सं०-59/2018-19

भवन निर्माण विभाग के निबंधित संवेदकों/ख्याति प्राप्त फर्मों/कंपनियों से दिनांक: 10.09.2018 के अपराह्न 3:00 बजे तक विश्वेश्वरैया भवन, पटना के द्वितीय एवं तृतीय तल पर स्थित परिवहन विभाग (मुख्यालय) के कार्यालय भवन का जीर्णोद्धार कार्य में विद्युत सामग्रियों की आपूर्ति एवं अधिष्ठापन से संबंधित कार्यों के गैर अनुसूचित मदों के लिए मुहरबंद कोटेशन उप महाप्रबंधक, पी०आई०यू०, पटना/महाप्रबंधक (उत्तर/दक्षिण)/मुख्य महाप्रबंधक, बिहार राज्य भवन निर्माण निगम लि०, पटना के कार्यालय में प्राप्त किया जाएगा और उसी दिन 3:30 बजे अपराह्न में कोटेशनदाताओं या उनके द्वारा अधिकृत प्रतिनिधियों के समक्ष खोला जायेगा।

- उक्त कोटेशन से संबंधित विस्तृत विवरणी निगम के वेबसाइट www.bsbccl.bih.nic.in पर उपलब्ध है।
- यह कोटेशन दर निर्धारण के लिए आमंत्रित किया गया है।
- विशेष जानकारी हेतु अधोहस्ताक्षरी के कार्यालय में कार्यावधि में सम्पर्क करें।

विशेष शर्तें:-

1. कोटेशनदाताओं को अपना दर अंक एवं अक्षरों में उद्धृत करना है।
2. दर सभी प्रकार के करों को लेकर अंकित किया जायेगा।
3. दर कार्यस्थल पर समानों की ढुलाई को लेकर किया जाएगा, उन्हें किसी प्रकार का अतिरिक्त ढुलाई दर देय नहीं होगा।
4. कोटेशन के साथ अद्यतन आयकर एवं GST प्रमाण-पत्र देना होगा।
5. विशेष सूचना के लिए सूचनापट्टा या वेबसाइट www.brdbihar.gov.in एवं www.bsbccl.bih.nic.in देखें या अधोहस्ताक्षरी से सम्पर्क करें।

ह०/-
मुख्य महाप्रबंधक,
बिहार राज्य भवन निर्माण निगम लि०, पटना।

ज्ञापांक:- 2488

दिनांक: 16.8.18

प्रतिलिपि:- निदेशक, सूचना एवं जन-सम्पर्क विभाग, बिहार, पटना को e-advertisement के माध्यम से दैनिक समाचार पत्रों में प्रकाशनार्थ समर्पित


मुख्य महाप्रबंधक,
बिहार राज्य भवन निर्माण निगम लि०, पटना।
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क्रम सं०	योजना का नाम	कार्य की विवरणी	ईकाई	उद्धृत दर
1	2	3	4	5
Electrical Work				
1	विश्वेश्वरैया भवन, पटना के द्वितीय एवं तृतीय तल पर स्थित परिवहन विभाग (मुख्यालय) के कार्यालय भवन का जीर्णोद्धार कार्य	Providing and fixing MV danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enamelled white on both sides, and with inscription in single red colour on front side as required.	Each	
		Diesel Generator		
2		Supply, installation, testing, commissioning of 100 KVA, 4 wires, 3 - Phase, 50 Hz silent type (having a acoustic enclosure) Diesel Engine Driven generating set including earthing, fuel tank etc. Make-Ashok Leyland /Mahindra /Kirloskar /Cummins or equivalent Reputed Brand.	set	
3		Supplying, Installation, Testing and Commissioning of power distribution panel including AMF panel with Bypass switch and Run hour Meter as per direction for engineer in charge technical specifications.	set	
		CCTV CAMERA		
4		Dome Camera: Full HD IR Varifocal Vandal Proof Image Sensor - 1/2.8" Progressive Scan CMOS Effective Pixels - 2304 (H) × 1296 (V) Electronic Shutter Speed - Min IR Distance - Up to 100 ft. (30 m) Lens - 2.8-12mm Vari-Focal Lens Min. Illumination (Colour) - 0.045lux @ (F1.2, AGC ON) Min. Illumination (B/W) - 0 lux with IR Day/Night - IR cut filter with auto switch Shutter time - 1/5 s ~ 1/20,000s Camera angle adjustment - Horizontal Vertical 91--280 Video/Audio: Video Compression - H.265 / H.264 / MJPEG Resolution - 3MP (2048 x 1536) Max. Frame Rate - Mainstream(default 30fps/3MP) 3MP(2,048x1,536), 1,296P(2,304x1,296), 1,080P(1,920x1080), 960(1,280x960), 720P(1,280x720)(1-30FPS optional, default 3MP/30FPS) Sub stream(default 30FPS/D1) D1(704x480) VGA(640x480), QVGA(32x240) (1-30fps optional, default D1/30fps) Mobile stream(default 10fps) QVGA(320x240)(1-30fps optional, default 10fps)	Each	
5		Video Recorder: - Simultaneous multi-channel live view, real-time recording, playback, network operation, remote access, USB backup; User Interface Support 16-bit true colour graphical menu interface and mouse operation; Preview Screen 1 / 4 / 8 / 16 / 24 Windows, IP Video Input 24 channels; Video Standards PAL (625 line, 50f/s), NTSC (525 line, 60f/s); Video Compression H.264 High profile; Display Monitor: D1; VGA & HDMI: HD (support 1920 x 1080, 1280 x 720, 1440 x 900, 1280 x 1024, 1024 x 768, 800 x 600); Video Play Quality 3 Megapixel / 1080P / 720P; Video Access 8 channels 5M / 16 channels 3M / 24 channels 1080P / 32 channels 960P; Video Motion Detection, Audio Compression G.711A; Audio Bidirectional Talk, Record & Playback Manual / Alarm / Video Detection / Timing, Record & Playback Local Playback 2 channels 5M / 4 channels 3M / 4 channels 1080P / 8 channels 960P real-time, Record & Playback Search Mode, Storage & Backup Space Occupation Video: 1080P 80G / Day / Channel, 720P 26G / Day / Channel, 960H 24G / Day / Channel, D1 16~20G / Day / Channel, Audio: 691.2M / Day / Channel, Storage & Backup HDD Redundancy Support Storage & Backup Record Storage HDD, network, Storage & Backup Mode, USB HDD, USB writer, SATA writer, Interface Video Input RJ45, Interface Video Output 1 channel VGA, 1 channel HDMI, Interface Audio Input, Interface Audio Output, Interface Alarm Input 16 channels, Interface Alarm Output 4 channels, Interface Net Interface 1 RJ-45 10M / 100M / 1000M, self-adaptive Ethernet interface, Interface PTZ Control 1 RS485, support upgrading, Interface HDD Interface 4 SATA, max.4TB each, 1 e-SATA, General Power Supply 12V/6A, General Operating Temperature 0°C - +55°C, General Operating Humidity 10%-90%,.	Each	
6		Display : Screen size – 42 inch or above (LG/Sony/Samsung/ Philips), Panel Technology IPS, Aspect Ratio 16:9, Native Resolution 1920 x 1080 (FHD), Brightness 350nit or Higher, Contrast ratio 1100:1 or Higher, Dynamic CR 500,000:1 or Higher, Viewing Angle (H x V) 178 X 178, Orientation Portrait & Landscape, Operation Temperature 0 °C to 40 °C, Safety UL, EUL, EMC FCC Class "A", IP video input 16 Channel, 1-ch, RCA (2.0 Vp-p, 1KΩ) Two-way audio input, 100Mbps Incoming bandwidth, 80Mbps Outgoing bandwidth, 128 Remote connection, HDMI/VGA output: 1-ch, resolution : 1920×1080P/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz, Audio output 1-ch, RCA (Linear, 1kΩ), Live view / Playback resolution : 5MP/3MP/1080p/UXGA/720p/VGA/4CIF/2CIF/2CIF/QCIF, Capability 1 SATA interface for 1 HDD Unloaded, 1 RJ-45 10 / 100 / 1000 Mbps self-adaptive Ethernet interface, 1 × USB 2.0 and 1 × USB 3.0, OEM Authorization Certification.	Each	
7		Network Switch :- 24 x 10/100/1000BASE-T, PoE, fixed, 2 x SFP 100/1000 Mbps, 52 Gbps Stitching Performance capacity, 39 Mbps Forwarding Performance rate, 525 K Byte Packet buffer, 8k MAC address table, 9kbyte Jumbo frame, 170 Watt PoE power.	Each	

8	Hard Disk 4 TB	Each	
9	Camera installation and Connectivity.	Each	
10	CCTV Network Cable With Laying under PVC conduit as per required	Meter	
	INTERCOM		
11	Supply, installation, testing & commissioning of termination box for 50 pair EPABX system complete as required.	Each	
12	EPABX WITH 50 LINE EXTENSION UP TO 80 LINE WITH 2 SLT/ 2 CONSOLE -The equipment shall be electronic type. Microprocessor / micro controller based PCM/TDM/IP, 100% non-blocking, IP- Digital switching technology, distributed processing architecture, SLIC and SMT Design. in-built SMPS System power supply input ranges from 90–265 VAC, 48-60 Hz with inbuilt battery charger circuit during power failure the PSU can automatically switch to battery and vice-versa, suitable for DTMF as well as FSK type of telephone instruments. Capacity suitable for Maximum 96 numbers of C.O. Lines, 120 Analog extension lines and 500 IP extensions. Modular design, flexible and universal slots that can be installed anywhere on the slots. Instruments must be RoHS certified, IPv6 compliant and inbuilt auto attendant facility shall be able to answer minimum 5 calls simultaneously and should support dial by name. It shall have minimum 15 participant's inbuilt conference. System shall have PCM-TDM-IP hybrid platform and shall be compatible with ISDN PRI line of Local Service Provider. The system should have valid TEC certificate, The PRI card should be software programmable for TE/NT interface. System shall be multiple port interfaces such as Analog extension lines, Digital key phone, IP Extension, C.O. Line, GSM/3G, E & M Line, PRI/E1, Radio and VoIP. The all interface shall be in the form of expansion card and can be plugged in to the universal slots of the system as and when require in the future. The system should support SMPP protocol to send/receive SMS using in-skin GSM SIMs within EPABX. Any software required to send/receive SMS shall also quote separately. The system should have hybrid card of 4 CO 2 Digital Extensions and 12 Analog phones on single card to save on the resources of universal slots. System shall have at least 2 RS232 ports for SMDR/PMS/CAS Interface and one parallel printer port for centroids interface. System can be programmed through Analog telephone, Digital key phone, and Ethernet without any external devices. System can be programmed remotely without the help of modem. Call ringing sequence would be programmable and have options such as simultaneous, hunting off, round robbing and delayed simultaneous. System shall have built-in remote maintenance facility. It shall have built-in one number of public address port and external music port. System shall have unrestricted simultaneous dialling facility. Preferably system shall have dedicated DTMF circuit on each port. Caller line identification (CLI) on Analog and digital/PRI trunks shall be in-built for both DTMF and FSK telephone instrument. System shall integrate in-skin voice mail card with 72 hours of storage capacity upgradable up to 576 hours and dedicated mailbox for each extension. Detail reports of all system parameters should be generated through SMDR port of EPABX. System shall have	EACH	
13	Network Switch :- 24 x 10/100/1000BASE-T, PoE, fixed, 2 x SFP 100/1000 Mbps, 52 Gbps Stitching Performance capacity, 39 Mbps Forwarding Performance rate, 525 K Byte Packet buffer, 8k MAC address table, 9kbyte Jumbo frame, 170 Watt PoE power.	Each	
14	BASE PHONE CLI (PANASONIC / BEETAL) Landline Phone with Caller ID Facility Corded Phone Numerical Keypad 35 Call Logs 3 Display Lines Disclaimer, Tone/Pulse Switchable Ring LED Indication Flash Pause Dynamic Change Over From Pulse Tone, 1 Year Manufacturer Warranty	EACH	
15	DIGITAL CONSOLE PHONE	EACH	
16	INSTALLSTION CONFIGURATION & TESTING	EACH	
	COMPUTER NETWORK / WIFI ACCESS POINT		
17	Supplying and drawing of UTP 4 pair CAT-6 LAN cable in the existing surface/recessed steel /PVC conduits required.	Meter	
18	Supplying of 2 Mtr long patch cord with RJ 45 jacks on both end (Make: - D Link).	Meter	
19	Supplying of 1 Mtr long patch cord with RJ 45 jacks on both end (Make: - D Link).	Meter	
20	Supplying, installation, testing & commissioning of complete 24 port switch (DES 1024D) of D Link make including necessary connection of CAT -6 UTP cable etc. as required.	Meter	
21	Supply fitting fixing 6e + UTP 24 Port Patch panel complete etc. as required of Systemax make.	Each	
22	Supply fitting fixing Rack 19" 12U fully powder coated complete etc. as required of Emerson/OEM make.	Each	
23	Supplying and fixing of RJ 45 computer socket suitable for Cat 6 on module GI box along with base & cover plate in surface or in recess including making connection, soldering etc. as required.	Each	

24	Smart-UPS On-Line, 5.4 kW / 6 kVA with 1 hour Backup12 V 65 AH SMF Battery UPS Topology Double Conversion On-Line, Power Rating (VA / Watts) 5400Watts/6000VA, Form Factor Rack/Tower Convertible; Output Power Capacity 5400 Watts/6000 VA, Max Configurable Power 5400Watts/6000VA, Nominal Output Voltage 230V, Output Voltage Note Configurable for 220 : 230 or 240 nominal output voltage, Efficiency at Full Load 94.00%, Output Voltage Distortion Less than 3%, Output Frequency (Sync to mains) 50/60 Hz +/- 3 Hz, Crest Factor 03:01, Waveform Type Sine Wave, Output Connections (1)*Hard Wire 3-wire (8)*(H N + G) IEC 320 C13(8), Bypass Built-in Bypass, Output Short Circuit Protection Yes, Parallel Redundancy (Option) 1 + 1, Nominal Input Voltage 230V, Input Power Factor > 0.98, Input Frequency 40-70Hz, Input Connections Terminal Block, Protection Thermal Circuit Breaker (250VAC/20A), Input voltage range for main operations full load 160 - 285V, Input voltage range for mains operation half load 160-285V, High Voltage withstand Capability 420 VAC, Green Mode Range 210-250 VAC (230 V), Battery Type Maintenance - free sealed Lead-Acid battery with suspended, electrolyte. 12V 65 Ah SMF battery for 60 Min Battery Back-up.	EACH	
25	Wireless N Access Point Interface - One 10/100Mbps RJ45 Port (Auto MDI/MDIX), Button - WPS Button, Reset Button, External Power Supply - 9VDC / 0.6A, Antenna Type - 5dBi Detachable Omni Directional Antenna, Frequency - 2.4-2.4835GHz, Wireless Standards - IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, Wireless Security - SSID Enable/Disable MAC Address Filter 64/128/152-bit WEP Encryption WPA/WPA2/WPA-PSK/WPA2-PSK (AES/TKIP) Encryption Wireless Modes - AP Mode, Multi-SSID Mode, Client Mode, Repeater Mode (WDS / Universal), Bridge Mode.	Each	
	SOUND SYSTEM/TV		
	Speaker and Amplifiers		
26	Ceiling speaker - 2 way 5" with shallow Wattage- 20, 10, 5, 2.5 Or 30Watts @ 16Ohm, 5.25" woofer, SPL 88db @ 1m, Max SPL 103db @ 1mt, Frequency response 89Hz- 20kHz, UL1480 / 2043 planned, RoHS, CE approved (Surface mount speakers to be provided if no provision for ceiling speakers) Make: Cloud UK, Yamaha, PD System Germany.	Each	
27	Amplifier for ceiling speakers, 100 volt or 4 ohm output, 4 XLR microphone/dual RCA line inputs, Input 1 vox muting priority (internally defeat able), Alert/Evac/Pre Announce/Bell tone board available.	Each	
28	65" Full HD LED display, HDMI X 3, VGA X 1, Video IN X 1, USB X 2, Audio IN X1, Audio Out X 1, SPDIF X 1 20W in built speaker, 100 Hz BLB, IPS LED display, USB media player make Panasonic, Samsung	Each	
	Switcher, DSP, HDMI Extenders		
29	HDMI Switcher input 4 x HDMI, output 4 x HDMI, 4 x SPDIF Audio, In-built EDID data and Manual EDID management, Max resolution 4Kx2K, 1080P, Transmission distance 4Kx2K@60Hz ≤ 15m. Make Kramer / Milestone Pro / Atlona	Each	
30	HDMI Distribution amplifier, 2 simultaneous HDMI outputs, Compliant with HDMI 1.4, capable to transmit 1080p 3D & 4K signal, High bandwidth: 10.2Gbps, Support EDID management, automatically adopt the resolution of the first detected display from port 1~2. make Kramer / Milestone Pro / Atlona	Each	
31	Digital signal processor with four line inputs and eight independent mix outputs, Mix, route, and combine, EQ, delay, control, Pre-configured I/O with definable processing. Make Biamp, BSS, Polycom	Each	
32	Receiver for HDMI signals, resolutions up to Full HD, Max. Data Rate — 4.95Gbps, EDID PassThru. Make Kramer/ milestone pro	Each	
33	Transmitter for HDMI signals, resolutions up to Full HD, Max. Data Rate — 4.95Gbps, EDID PassThru. Make Kramer/ milestone pro	Each	
	CASSETTE AIR CONDITION		
34	Supply and Installation of Cassette Air Condition 2 ton 5 star inverter rated copper coil. (Make Hitachi/LG/LLOYD etc. of reputed)	Each	
35	Supply and Installation of Cassette Air Condition 1.5 ton 5 star inverter rated copper coil. (Make Hitachi/LG/LLOYD)	Each	
36	Supplying and Installation V-guard stabilizer Range:-90V/230	Each	
37	Extra Cooper Piping	Per ft	
38	Drain piping for ac	Per ft	
	Fire Fighting		
39	Supply, Installation, Testing and Commissioning of Intelligent Addressable Fire Detection and Alarm System		
	CONTROL EQUIPMENTS:		

40	32 bit microprocessor based Intelligent Addressable Fire Alarm Control panel with 1 loop with battery back-up. The panel would be modular, decentralized, with The panel shall be consisting with minimum 240 character LCD display and for networking. The Panel would be able to record atleast 3,000 events history. Each loop would be capable to have at least 200 addressable detectors and addressable devices with up to .5 km loop length. Make: Securiton	Each	
41	1 KVA LINE INTERACTIVE UPS WITH 30 MIN BATTERY BACK UP	Each	
42	DETECTORS & OTHER MODULES (MAKE - SCHRACK SECONET)		
43	Supplying and fixing Intelligent Addressable type multicriteria detector with base for use as heat or smoke or combined both with automatic electronic addressing, microprocessor type with builtin integrated short circuit isolator including testing, commission etc. as reqd.	Each	
44	Supplying and fixing Intelligent Addressable Manual Call Point having inbuilt short circuit isolator i/c testing and commissioning etc. as reqd.	Each	
45	Addressable sounder with interface module, power supply for sounder and programmable by software having integrated short circuit isolator & having operating temperature -10°C to +55°C	Each	
46	Dual LED Response Indicator (Agni)	Each	
47	Supplying and Laying of 2X1.5 Sq.mm. marked copper FRLS wire with 20mm dia. PVC conduit pipe ISI marked, Complete with all fittings viz. Tees, Bends, Junction Boxes, Clamps/ Supports etc.	Mtr.	
48	Section 5: FIRE EXTINGUISHERS		
49	Providing & fixing Fire Extinguishers with wall mounted brackets as per details below:		
50	ABC Powder Type (Stored Pressure) Fire Extinguisher, 4 kg. Capacity , ISI mark (IS:15683), squeeze grip valve, operating temperature (+5) degree Celsius to (+55) degree Celsius for Class 3A Type of Fire Filled with MAP ABC Powder, Complete in all respect	Each	
51	CO2 Type Fire Extinguisher, 4.5 Kg Capacity , ISI Mark (IS:15683) squeeze grip valve, operating temperature (-30) deg Cel to (55) deg cel. For Class 13B type of Fire Fitted with 1 Mt. Hose & PVC Horn, Complete in all respect.	Each	
52	Clean Agent type fire extinguisher 4Kg.capacity	Each	