

OFFICE OF THE PRINCIPAL:: DARRANG COLLEGE :: TEZPUR

Ref: DC/Gen/RUSA/F.No.153/2017/658(a)

Date:- 11/09/2017

NOTICE
QUOTATIONS

Quotations are invited for the following items. Last date of submission is 18th of September, 2017.


Principal,
Darrang College, Tezpur

1. TECHNICAL SPECIFICATION FOR HD CCTV CAMERA SETUP

CAMERA		
Image Sensor	2MP CMOS Image Sensor	
Signal System	PAL/NTSC	
Effective Pixels	1920(H)*1080(V)	
Lens	2.8mm, 3.6mm, 6mm optional	
	Angle of View: 103°(2.8mm), 82.2°(3.6mm), 54°(6mm)	
Day & Night	ICR	
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	
Video Frame Rate	1080p@25fps/1080p@30fps	
HD Video Output	1 Analog HD output	
Operating Conditions	-20 °C - 45 °C (-4 °F - 113 °F), Humidity 90% or less (non-condensing)	
Power Supply	12 VDC±15%	
Power Consumption	Max. 4W	
IR Range	Up to 20m	
Dimension	Φ89.5 × 69.8 mm(Φ3.52" × 2.75")	
Weight	250 g	
DVR (4/8/16 Channel)		
Analog video Input	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
HDTVI input	3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60	
AHD input	1080p25, 1080p30, 720p25, 720p30	
CVBS input	Support	
HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
		VGA: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Frame rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@12fps For 1080p stream access: 1080p@12fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)	
Video bit rate	32 Kbps to 6 Mbps	
Network Management	Remote Connection	128
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Hard Disk	SATA	1 SATA interface
	Capacity	Up to 6 TB capacity for each disk
External Interface	Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface
	USB Interface	Real panel: 2 × USB 2.0
Power Supply	12 VDC	

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Sl. No:	ITEM	Full HD LED Commercial Display
(a)	32 Inch Diagonal Monitor	Screen Size: 32 Inch Diagonal Panel Type: E LED/IPS Backlight Scanning: 100Hz Aspect Ratio: 16:9 Resolution: 1920X1080 Inputs Video In (RCA)X 1 HDMI X 3 PC In X 1 (on HD 15 Pin) PC Audio In X 1 USB X 2 (Media Player) Audio : 10W
(b)	43 Inch Diagonal Monitor	Screen Size: 43 Inch Diagonal Panel Type: E LED/IPS Backlight Scanning: 100Hz Aspect Ratio: 16:9 Resolution: 1920X1080 Inputs Video In (RCA)X 1 HDMI X 3 PC In X 1 (on HD 15 Pin) PC Audio In X 1 USB X 2 (Media Player) Audio : 10W

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2. Specification for Projector system

Sl. No:	ITEM	Specification
(i)	Projector	<p>Panel size: 14 mm (4:3 aspect ratio) Display method: DLP chip x 1 Pixels: 1,024 x 768 pixels Lens: Manual zoom 1.1x, manual focus, F 2.41–2.53, f=21.8 - 24mm Lamp: 190 W UHM lamp Lamp Life: 10,000 Hrs. Brightness: 3000 Lumens Contrast: 4,000:1 Optical axis shift 10:-1.5 Keystone correction range Vertical: $\pm 40^\circ$ (manual) Installation: Ceiling/floor, front/rear Terminals HDMI IN: HDMI 19-pin x 1 (Deep colour, compatible with HDCP) Audio signal Linear COMPUTER IN: D-sub HD 15-pin MONITOR OUT: D-sub HD 15- VIDEO IN: Pin jack x 1 SERIAL IN: Mini DIN 3-pin AUDIO : IN M3 x 1 AUDIO OUT: M3 x 1 Noise level: 34 dB or less Warranty: 2 Years Lamp Warranty: 3 Months or 500 Hrs whichever is earlier.</p>
(ii)	Projection screen	<p>Type: Wall mount projection Screen Size: 6 x 4 Projection Surface: High Gain mat finish Casing: Sturdy Steel case Quality: Imported Role Down: Manual Pull Down Role up: Manual Role up with spring Action, Interlock facility is required. Included Accessories: Mounting Accessories Optional Accessories required: wall mount clamps for Custom installation. Warranty: One year</p>
(iii)	Kit & Cable	<p>3 feet coloumn with universal typed fitting and Liberty (3+4) core VGA 15 mtrs cable for both and molded connectors for Projector</p>

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3. Specification for Digital Signage Board system

Sl. No:	ITEM	Specification
(i)	LED Digital Signage Board	<p>Screen Size; 65 Inch Diagonal Panel Type: D LED Resolution: 1920X 1080 pixels Brightness: 350 cd/m² Contrast (typ): 4000:1 Response Time: 8ms Panel Surface: Anti Glare Type Terminals: Video In: 4 Pole Mini Jack HDMI In: 2 Nos DVI-D: 1 No. PC In: HD 15 Pin Connector LAN: RJ 45 Speaker: 20W Installation Orientation: Landscape/Portrait HDMI Power Management: Required USB Media Player: Required Data Cloning: Required The display/displays shall be used for Digital Signage on LAN/WAN. The required hardware and software for scheduling, playing Video/Image/PDF Files in different lay out has be provided along with the display. The display should come with three years warranty and the OEM has to declare that through tender specific authorization cum declaration letter.</p>


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4. Specification sheet for Digital Podium set-up

Sl. No.	ITEM	SPECIFICATION
(i)	DIGITAL PODIUM	Motorized System for Monitor 19" Finger Touch LED Monitor Ergonomic Stylus with Laser Pointer Full Featured Touch Control Panel for Volume Control, Source Selection, Lighting Control etc. Fiber Top with Centralized Locking System Cold Rolled Steel Cabinet with 9U Standard Rack and Centralized Locking System Access doors from both sides for quick service Industrial Standard Castor Wheels with Quick Lock Pad Full fledged Sound System with Multiple Inputs and Outputs Gooseneck Mic, W/L Handheld Mics (2) with Rack Mountable Receiver Full Featured Professional Amplifier with independent controls Internal Speakers Space to keep other devices such as PC, Laptop, Visualizer Cooling Fan and External Power Source
(ii)	CPU	Core i3 5 th Gen or higher/4 GB DDR3L RAM/ Min 500 GB HDD/ DVD RW/ wifi with original windows

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5. Specification sheet for IP network camera

Sl.no	Description	Qty
(i)	Full HD IP Network iR Bullet camera 2 mega pixel (1920 x 1080) resolution 2.8 mm fixed lens 30 fps frame Rate 20-30 meter iR viewable Distance SD card facility Lens distortion correction support features, multiple streaming, motion detection, hall way viewing defocus detection as unique features IP 66 ingress protection IK 10 vandal resistance Less Than 90 % RH humidity UL, FCC and CE certified	32 nos
(ii)	32 channel 4K Network Video Recorder with POE up to 32 ch. 12 mega pixel supported 256 mbps network cameras recording support 4K video out on HDMI monitor Support dual monitor Video out wise stream support IP address features UL, FCC and CE certified	01 no
(iii)	55" Large Format full LED Display Aspect ratio: 16 : 9 resolution: 1920 x 1080 viewing angle: 178 x 178 vesa mount: 200 mm Power consumption: 86w Operating Temperature: 0° C to 40°C humidity: 20 % to 80% USB/ HDMI/AV/COMPONENT/PC	01 no
(iv)	Server/work station	01 no
(v)	3 KVA Online UPS	01 no
(vi)	POE switch 8 port	15 nos
(vii)	Rack 4U	09 nos
(viii)	Rack 9U	01 no
(ix)	Fiber LIU 6 port full loaded	06 nos
(x)	Cat6 cable	3800 meter
(xi)	OFC armoured cable	1400 meter
(xii)	32 mm Pipe	1400 meter
(xiii)	Pigtail one meter	12 pcs
(xiv)	Patch Cord one meter	12 pcs
(xv)	RJ 45 Connector	02 lot
(xvi)	OFC Splicing charge	job

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(xvii)	Cat6 cable laying charge	3800 meter
(xviii)	OFC Cable laying charge	1400 meter
(xix)	Installation, programming charge for network system	01 Job
(xx)	Installation, programming charge for surveillance system	01 job

Terms and Conditions:-

1. Sealed Bids affixing Court Stamp of Rs 8.25(Rupees eight and paisa twenty five only) are invited from Registered and Reputed Contractors, Dealers, Firms and Companies
2. The Bid must be submitted in sealed envelope as per technical and price bid details.
2. The College reserves the right to accept or reject any or all the quotations without assigning any reason.
3. The Bidder must have prior experience of executive of above solution in any Government/Educational sector. And bidder must provide details of PO copies.
4. Payment will be made only after the successful receipt of the materials in good condition.
5. The Bidder must have proper GST, PAN, TIN /VAT, Trade License, and Service Tax Registration Number and the same shall have to be enclosed along with the quotations.
6. The Bidder must have average financial turnover 2.0 crores (Rupees Two Crore) during the immediate last three consecutive financial years. Duly audited signed & stumped by a Chartered Accountant.
7. The Bidder must have submit OEM Certificate (Original Equipment manufacturer) for these Tender and address to The Principal, Darrang College, Dist: Sonitpur, Assam.
8. In the event of any kind of holiday, the quotations shall be opened on the next working day.
9. The tendering firm must have a permanent establishment in Assam State.

Sd/-

Principal

Darrang College
Sonitpur, Assam.

1. Price Format for HD CCTV set-up

Sl No	Particular	Quantity	Unit Price	GST	Total amount
(i)	16 channal HD DVR	01 no			
(ii)	8 channal Hd DVR	01 no			
(iii)	4 Channal HD DVR	01 no			
(iv)	IR HD Dome Camera(2 MP)	01 no			
(v)	43" Full HD Commercial Display	01 no			
(vi)	32" Full HD Commercial Display	01 no			
(vii)	Survilance 1 TB Hard Disk	01 no			
(viii)	1 KVA UPS	01 no			
(ix)	16 channal SMPS	01 no			
(x)	8 channal SMPS	01 no			
(xi)	4 Channal SMPS	01 no			
(xii)	BNC Connector	01 no			
(xiii)	DC Pin	01 no			
(xiv)	4+1 Camera Cable(Copper)	01 coil			
(xv)	RJ6 Cable	01 coil			
(xvi)	Power Cable(Copper)	01 coil			
(xvii)	Power Adopter(2 AMP)	01 no			
(xviii)	6 U Equipment Rack	01 no			
(xix)	Installation charge	01 job			

2. Price bid for Projection system

(i)	Projector	01 no			
(ii)	Screen	01 no			
(iii)	Kit & Cable	1 set			
(iv)	Installation charge with all required electrical accessories	01 job			

3. Price bid for Digital signage Board

(i)	Digital Signage Board 65"	01 no			
(ii)	Installation charge with all accessories	1 job			

4. Price bid for Podium with CPU

(i)	Digital Podium	01 no			
(ii)	CPU	01 no			

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5. Price bid for IP network camera

Sl.no	Description	Qty	Price	GST	Total
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