



सत्यमेव जयते

अखिल भारतीय आयुर्विज्ञान संस्थान , बिलासपुर
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NOTICE INVITING QUOTATIONS

Sealed Percentage rate quotations are invited by the undersigned on behalf of the Executive Director, AIIMS, Bilaspur (HP) from the eligible specialized agencies dealing in SITC of **centralized surveillance/monitoring system** for the following work on the prescribed forms/BOQ attached herewith for individual work. Sealed quotations in a single envelop duly super subscribed at the top of the envelop as "Quotation for: -Providing Dome Cameras in radiotherapy facility at AIIMS Bilaspur, HP" contains both the sealed Technical bid and Price Bid shall be received up to 3 PM on **16.12.2024 and opened at 3.30 PM** on the same day in the presence of the quotations or their representatives who may like to be present at that time.

S. No.	Description	Estimated Cost	Earnest Money	Time Limit
1	Providing Dome Cameras in radiotherapy facility at AIIMS Bilaspur, HP.	Rs.164460/-	Rs.3290/-	7days

For the purpose of technical evaluation, the bidder is required to submit following documents:

Technical Bid:

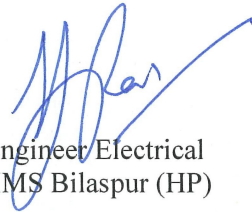
1. Profile- Name & full address of the firm and year of establishment etc.
2. Earnest Money in the shape of Bank Draft or Deposit at Call Receipt in favor Miscellaneous Fund All India Institute of Medical Science Bilaspur Himachal Pradesh.
3. The agency should be authorized channel partner of Honeywell / Bosch/ Pelco / Axis/Sony or to be authorized by these OEMs for the support and services for this specific work.
4. Copy of Valid Certificate of Registration for GSTIN.
5. Copy of PAN.
6. Copy of satisfactorily completed similar works of magnitude specified below in last 7 years ending last day of month to one in which quotations are invited- Three similar works each costing not less than Rs. 65784.00 OR two similar works each costing not less than Rs. 82230.00 OR one similar work costing not less than Rs. 131568.00 Lakh. (Similar work shall mean SITC of centralized surveillance/monitoring system)
7. Self -declaration that the firm is not debarred by any department of state/ center Govt.
8. **The bidders shall have to furnish an affidavit on non-judicial stamp paper duly attested by a notary public or District magistrate as under: -**
I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in AIIMS Bilaspur (HP) in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer- in-

Charge/its representative shall be free to forfeit the entire amount Earnest Money Deposit.

Price Bid: Price bid format/BOQ attached. The percentage rate and total cost must be quoted in both words and figures (over writing not allowed). Selection will be made purely on the basis of lowest price quoted by technically qualified firms.

TERMS AND CONDITIONS:

1. Validity of the rates shall be 90 days from the date of opening of the quotation.
2. To become eligible, the bidder must submit all the documents required in the Technical Bid, no document will be asked for after opening of Technical Bid and no document will be accepted thereafter.
3. The bid submitted shall become invalid if:
 - o The bidder is found ineligible.
 - o The bidder does not submit all the documents in technical bid as stipulated above.
4. If a bidder does not quote any percentage above/ below on the total estimated amount, the bid shall be treated as invalid and will not be considered as lowest bid.
5. The time allowed for carrying out the work will be 7 Days from the date of issue of work order (E-mailed to the address provided in profile).
6. Conditional quotation(s) not on prescribed form are liable to be rejected.
7. Offer without **Earnest Money** are liable to be rejected.
8. The competent authority/undersigned in AIIMS Bilaspur HP reserves the right to accept/reject any or all the quotations without assigning any reasons.
9. The work will be carried out as per CPWD Electrical specifications internal amended up to date & as per the instructions of the Engineer -in charge.
10. The prices quoted should be inclusive of all taxes including GST and nothing is to be paid extra.
11. All material to be used on the work will have to be got approved from the Engineer -in charge before installation.
12. If there is any ambiguity between the percentage quoted in figures and in words, the percentage quoted in words shall be treated as final and if a bidder quotes both above and below percentage then quoted below percentage shall be treated as final.
13. No revision of percentage rate will be accepted at any stage.



Executive Engineer/Electrical
AIIMS Bilaspur (HP)

No. AIIMS/BLS/Engg/EE/ Elect. /NIQ/003

Dated: 07-12-2024

Name of Work: Providing Dome Cameras in radiotherapy facility at AIIMS Bilaspur, HP

Sr. No.	Description	Quantity	Unit	Rate	Amount
1	Supply Installation Testing and Commissioning of Dome Camera with 5MP IP WDR IR Rugged, s/n ratio upto 50dB, IR distance upto 50m, noise reduction of 2D/3D DNR, frame rate 30 fps etc as per specifications attached . Complete with all accessories to installed the camera as required at site. (Honeywell/Axis/Pelco/Bosch/Sony)	3	nos.	35911	107733
2	Supplying and drawing of UTP 4 pair CAT 6 LAN cable in the existing surface/recessed steel/PVC conduit as required including termination as required at site with all material.(Legrand/ Schneider(Actassi)/ Beldon/ Systimax/ Panduit/ Molex/R&M)	300	meter	60.61	18182
3	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. (BEC/AKG/Diplast)				
i)	25 mm	250	mtr.	154.18	38545
Total					164460
Percentage		Below(%)	In Fig		
			In words		
		Above(%)	In Fig		
			In words		
Net Amount		In Fig			
		In words			

[Handwritten Signature]
22/11/2024

IP IR fixed 5 MP wide angle cameras		
S/No.	Feature	Specifications
1.	Image Sensor	1/2.8" progressive scan RGB CMOS or better
2.	Operating Frequency	50 Hz
3.	Day/ Night Operation	Yes with Builtin IR Cut Filter
4.	Minimum Illumination	Color: 0.19 lux at 50 IRE, F2.1 B/W: 0.04 lux at 50 IRE, F2.1 0 lux with IR illumination on
5.	IR Illumination	Built in Or External Optimized IR with 50 meter range, 850nm
6.	Lens	2.7 mm, F2.1
7.	Field of View	Horizontal field of view: 130° or better
8.	Electronic Shutter	1/30000 s to 1/5 s or better
9.	Image Resolution	2688x1512 or better
10.	Compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile
11.	Frame Rate and Bit Rate	30 FPS at all resolutions with Controllable Bit Rate/ Bandwidth and Frame Rate
12.	GOP/ GOV	Ability to change the GOP/GOV Length to optimize the bandwidth and storage
13.	Compression	The camera shall for its H.264 implementation support scene adaptive bitrate control, in order to lowering bandwidth and storage requirements. The camera shall support automatic dynamic GOP for optimal bitrate utilization. The camera shall support automatic dynamic ROI to reduce bitrate in unprioritized regions.
14.	Multi View Streams	Up to 2 individually cropped out view areas
15.	Video Streams	Minimum 4 Streams @ H.264, 4MP, 25 fps
16.	Motion Detection	Yes built in with multiple configurable areas in the video stream
17.	Intelligent Analytics	The Camera shall be able to Include or Exclude any area of any size/ dimension within the scene in order to Eliminate False alarm and also optimize the bandwidth and storage
18.	Pan Tilt Zoom	Digital PTZ
19.	Aspect Ratio	16:9 or 9:16 without change in image quality or change in Image
20.	Electronic Exposure & Control	Automatic/ Manual
21.	Wide Dynamic Range	120 dB
22.	Privacy Masks	Required
23.	Event Triggers	A. The camera shall be able to send and received trigger directly from any other camera without interface of VMS. B. Intelligent Video, Edge Storage Events, Software Alarms, Camera Tampering
24.	Event Actions	File upload: FTP, SFTP, HTTP, HTTPS, network share, email Notification: email, HTTP, HTTPS, TCP, SNMP trap

		Video recording to edge storage Send video clip Pre- and post-alarm video buffering Overlay text
25.	Edge Storage	Built in SD card slot with support upto 64 GB with Class 10 speed and Support for SD card encryption
26.	Storage	The Camers shall have the feature to directly record the videos/ images onto Nas without any Software
27.	Protocols	IPv4, IPv6 USGv6, HTTP, HTTPSa, SSL/TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3, (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, SIP, LLDP, MQTT
28.	Text Overlay	Date & time, and a customer-specific text, camera name, graphical image etc
29.	Security	Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1x (EAP-TLS) network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection, signed firmware, secure boot
30.	Firmware Upgrade	The firmware upgrade shall be done through web interface, The firmware shall be available free of cost
31.	Logs	The camera shall provide minimum 200 logs of latest connections, access attempts, users connected, changes in the cameras etc
32.	Memory	1024 MB RAM, 512 MB Flash
33.	Interface	RJ 45, 100 Base TX
34.	Enclosure	IP66, NEMA 250 Type 4X, and IK08-rated
35.	Power requirements	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Max.: 9 W
36.	Operating Temperature	-30°C to 50°C
37.	Operating Humidity	Humidity 10–100% RH (condensing)
38.	Certification	UL, CE, FCC, IEC, IEC 60068-2-6, IEC 60068-2-27, NIST SP500-267, RCM AS/NZS CISPR 32 Class A IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X
39.	Analytics	Motion Detection, Tampering, Loitering, Advance motion detection, virtual trip-wire The camera shall provide a platform allowing the upload of third party applications into the camera
40.	Application Programmers Interface	The interface shall be available for integration with 3rd party analytics and applications in public domain
41.	Mount	Wall/ Ceiling/ Surface
42.	Onvif S, G	Required
43.	NDAA Compliant	The proposed camera should be NDAA compliant.
44.	Chipset/Processor	The Camera to be provided by the bidder should not have Hisilicon chipset/Processor.
45.	Active alerts on 3rd party devices	The camera should send trigger via HTTP/HTTPS for alerts
46.		The Camera to be provided by the bidder should be compatible with the existing system/software and hardware
47.	Warranty	3 Years OEM warranty

