Government of Goa
Office of the Dean, Purchase Section
Goa Medical College, Bambolim, Goa.
Tel.no:2495163/2495084

File NO.GMC/PS/U-6/15/COMP/DOIT/SSB/2024-25/ 155   Dated: 27/ 06 /2024

NOTICE BOARD

QUOTATION

Sealed Quotations are invited by the Dean, Goa Medical College, Bambolim, on behalf of the Governor of Goa to supply, Installation & commissioning of PTZ cameras at Super Speciality Block, GMC complex, Bambolim Goa **as per attached specification.**

The last date for the receipt of Quotation is on 11/07/2024

Quotation received after due date will not be entertained. The sealed Quotation should be super-scribed as Quotation for **"supply, Installation & commissioning of PTZ cameras"** at **Super Speciality Block,** of Goa Medical College, Bambolim Goa".

EMD @ 2.5% of the value of the Quotation should be submitted and the rate should be valid for a period of one year from the date of opening of the tender, tax if any may also be indicated in the tender along with terms and conditions.

The Dean, Goa Medical College, reserves the right to accept or reject any or all quotations without assigning any reasons thereof. Dispute if any, is to be settled in court within the jurisdiction of court of law at Panaji.

Assistant Accounts Officer
Goa Medical College.
Bambolim-Goa

Encl:
       Two pages of Specification

Copy to:-
1. The Nodal Officer (IT) E-Governance Cell, GMC. To publish the same on GMC website.
2. Nodal Officer for SSB, GMC
3. Office copy.
4. Guard file.

HDZ SERIES – 25X ZOOM IR WDR IP PTZ CAMERAS
Technical Specifications

CAMERA

IMAGE SENSOR	1/2.8" Exmor CMOS
OPTICAL ZOOM	25x
DIGITAL ZOOM	16x
NUMBER OF PIXELS (H × V)	1920 × 1080 (1080p)
WDR	120 dB
S/N RATIO	> 50 dB (AGC off)
MINIMUM ILLUMINATION	0.005 lux (color)/0 lux (B/W) @ F1.6 (with IR LEDs on)
FOCAL LENGTH	4.8 mm – 120 mm
MAX APERTURE	F1.6 – F4.4
FOCUS MODE	Manual/Auto
IR DISTANCE	Up to 328 ft. (100 m), depending on scene reflectance
ANGLE OF VIEW	H: 59.2° – 2.4°
WHITE BALANCE	Auto/Indoor/Outdoor/ATW/Manual
EXPOSURE MODE	Iris Priority/Shutter Priority/Gain Priority/Manual
ELECTRONIC SHUTTER	1/1 to 1/30,000 sec
BACKLIGHT COMPENSATION	BLC/HLC/WDR (120 dB)
DEFOG	On/Off
NOISE REDUCTION	2D/3D
DAY/NIGHT	Auto (ICR)/Color/BW

OPERATION

PAN TRAVEL	360° endless
TILT TRAVEL	–15° to 90°, auto flip 180°
MANUAL PAN SPEED	Up to 200°/s
MANUAL TILT SPEED	Up to 120°/s
PRESETS	300
PRESET SPEED	Pan: Up to 240°/s; Tilt: Up to 200°/s
TOURS	8
AUTO PAN/SCAN	1/1
PATTERN	5
PRIVACY MASKS	24
MOTION DETECTION	On/Off
IMAGE ROTATION	Flip
AUDIO IN/OUT	1/1
ALARM INPUT/OUTPUT	2/1
VIDEO ANALYTICS	Face detection
EVENT	Motion Detect; Audio Detect; SD card capacity warning
EVENT NOTIFICATION	Record (SD card and FTP), Relay output, Email, Preset, Tour, Pattern, Snapshot
LANGUAGES SUPPORTED	English, Japanese

ELECTRICAL

POWER SOURCE	12 VDC ± 25%, 3A PoE+ (802.3at) class 4
POWER CONSUMPTION	13 W; 20 W max (IR LEDs on)

MECHANICAL

DIMENSIONS	Ø160.0 mm × 295.0 mm Ø6.3" × 11.6"
PRODUCT WEIGHT	8.8 lb. (4.0 kg)
CONNECTORS	Power input: Bare wire with connectors Network: RJ45 connector Alarm I/O: Twisted wire (2 in/1 out) Audio I/O: Twisted wire (1 in/1 out)
CONSTRUCTION MATERIAL	Aluminum
CONSTRUCTION COLOR	White (RAL CODE 9003)

ENVIRONMENTAL

OPERATING TEMPERATURE	–40°C to 70°C (–40°F to 158°F)
RELATIVE HUMIDITY	Less than 90%, non-condensing
WATERPROOF STANDARD	IP66

IP SPECIFICATIONS

VIDEO COMPRESSION	H.265 / H.264 / MJPEG
VIDEO STREAMING	**Primary Stream:** 1080p/720p @ 60/50 fps **2nd Stream:** D1/CIF @ 30/25 fps **3rd Stream:** 720p/D1/CIF @ 30/25 fps
VIDEO RESOLUTION	1080p (1920×1080p) / 720p (1280×720) / D1 (704×576/704×480) / CIF (352×288/352×240)
AUDIO COMPRESSION	G.711a/G.711Mu/AAC/G.726
AUDIO STREAM	Full-duplex, Simplex
INTERFACE	RJ-45, 10/100 Mbps Ethernet
SUPPORTED PROTOCOLS*	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, SSL, FTP, SMTP, DHCP, PPPoE, UPnP, SNMP, Bonjour, DDNS, IEEE 802.1x, QoS, NTP, IP Filter, ONVIF
SECURITY	User account and password protection, HTTPS, IP Filter, IEEE 802.1x, Digest authentication, User access log, Hardware security chipset protection
MAXIMUM USERS ACCESS	20 users
MICRO SD	Support for microSD up to 128 GB (card not included)
MICRO SD FUNCTION	Event trigger recording Continuous and scheduled recording Automatic recording when network fails
SUPPORTED WEB BROWSERS	Internet Explorer® (11.0+)
SUPPORTED OS	Windows® 7 32-bit/64-bit
COMMUNICATION	ONVIF Profile S and G

REGULATORY

EMISSIONS	FCC Part 15B, EN55032
IMMUNITY	EN55024, EN50130-4
SAFETY	EU: EN60950-1 North America UL listed to UL/CSA 60950-1
ROHS	EN50581: 2012

* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

HDZ SERIES – 25X Z
Technical RECOMMENDED ACCESSORIES

LSC|c

ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (http://www.security.honeywell.com/hota/) to learn more about our open and integrated solutions.

HEN081*4	8ch, 2 HDD, 8 PoE, 4K, H.265
HEN161*4	16ch, 2 HDD, 16 PoE, 4K, H.265
HEN321*4	32ch, 2 HDD, 16 PoE, 4K, H.265
HEN162*4	16ch, 4 HDD, 16 PoE, 4K, H.265
HEN322*4	32ch, 4 HDD, 16 PoE, 4K, H.265
HEN642*4	64ch, 4 HDD, 16 PoE, 4K, H.265
HEN163*4	16ch, 8 HDD, 16 PoE, 4K, H.265, RAID 5&6
HEN323*4	32ch, 8 HDD, 16 PoE, 4K, H.265, RAID 5&6
HEN643*4	64ch, 8 HDD, 16 PoE, 4K, H.265, RAID 5&6

* The * = hard drive capacity in TB.

RECOMMENDED MOUNTS

HDZPMA	Pole mount adapter for wall mount
HDZCMA	Corner mount adapter for wall mount
HDZJB	Junction box
HDZNPTA	1.5" NPT adapter
HDZWM2	Wall mount with access hole
HDZGM	Wall mount gooseneck bracket
HDZCM1	Ceiling mount
HDZCM2	Ceiling mount extension pole for HDZCM1, 220 mm
HDZCM3	Ceiling mount extension pole for HDZCM1, 420 mm

ORDERING

HDZP252DI	Network TDN PTZ Dome, 1080p Resolution, 25x Zoom, WDR, H.265/H.264, NTSC/PAL, 6 IR LEDs, IP66, PoE+, micro SD Card Compatible (Supports up to 128 GB cards, card not included)