

Ref: C-CAMP/L-239/2021-22 (C)

March 23, 2022

ENQUIRY

Dear Sirs,

Please let us have your lowest quotation for the following:

Sl.No.	Item/s description	Qty.
1	Dome Camera – Specifications attached	6 Nos.
2	Bullet Camera – Specifications attached	2 Nos.

Note:

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for Ref No:..... The bids should be addressed and to be mailed / couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and CCAMP/NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 12/04/2021 BY 5.30PM.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto CCAMP Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

12. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

13. Since we are a research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No.51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices.

14. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

15. CCAMP is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for research purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

16. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

17. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services



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Dome

Sl.No	Description
1	Image Sensor 1/2.7" Progressive CMOS or Better
2	Max. Resolution 2560x1920 (5MP) or better
3	Lens Type Vari-focal, Remote Focus
4	Focal Length 4.1 – 9mm or better
5	Auto-iris P-iris
6	RAM, Flash 1GB or better, 256 MB or better
7	Shutter speed 1/5 sec. to 1/25,000 sec. or better
8	Day/Night Yes
9	Removable IR-cut Filter Yes
10	Minimum Illumination 0.3 Lux @ F1.4 (Color), <0.08 lux @ F1.4 (B/W)
11	Lens field of view 55°(H), 36°(V) or better
12	Pan/Tilt/Zoom Functionalities 48x digital zoom or 2.2x Optical zoom or better
13	On-board Storage Slot type: MicroSD/SDHC/SDXC card slot
14	Video Compression H.264
15	Maximum Frame Rate 30 fps @ 2560x1920, 60 fps @ 1920x1080
16	Maximum Streams 3 simultaneous streams or better
17	WDR technology Forensic capture WDR / WDR pro
18	Dynamic Range 100 dB or better
19	Video Settings Video Motion Detection, Adjustable resolution, quality and bitrate
20	Image Settings Text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, backlight compensation/ daynight threshold, Noise reduction
21	Network protocols supported SSL, TLS, Ipv4, Ipv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, QoS, SNMP, 802.1X, UDP, ICMP.
22	Interface 10 Base-T/100 Base-TX Ethernet (RJ-45)
23	ONVIF Supported
24	Video Motion Detection Five-window video motion detection, human detection, time filter
25	Alarm Triggers Motion detection, digital input, recording notification, camera tampering detection
26	Alarm Events Event notification using digital output, HTTP, SMTP, FTP, NAS server and MicroSD card
27	Connectors RJ-45 cable connector for 10/100Mbps Network/PoE connection
28	Power Input IEEE 802.3af PoE Class 0
29	Power Consumption PoE: Max. 12 W
30	Humidity 90%

Dome

31	Approvals and Certifications	FCC Class B, VCCI, UL
32	MAF from OEM	Manufacturer Authorisation Form is mandatory to get qualified
33	Hardware/Software NVR	Yes
34	Warranty	3yrs Onsite NBD

Mandatory:-

- 1) Vendor needs to mandatorily submit MAF along with the quote.
- 2) 3 yrs onsite warranty from OEM and Vendor for the quoted products and support.
- 3) Demo of all the quoted products is a must.
- 4) Vendor quoting for this should have executed similar works and relevant documents to be submitted.
- 5) Hardware/ Software NVR need to be quoted as per the solution proposed and should support ONVIF compliant cameras.
- 6) OEM should have Support centre in Bangalore.
- 7) Vendor needs to have local point of presence/registered office at Bangalore.
- 8) The vendor should be ready for Demo of the quoted products within 7days from intimation. Timelines for demo will not be extended.

Note:-

- 1) Data sheets for quoted products must be attested.
- 2) Installation charges per camera needs to be quoted.
- 3) Support charges for 3yrs if any needs to be quoted.
- 4) Necessary mounting brackets/accessories to fix the cameras on walls to be quoted.

Bullet

1	Image Sensor	1/2.9" or better
2	Maximum Resolution	5MP or higher
3	Lens	P-Iris
4	Lens Type	Remote focus, varifocal
5	Focal Length	2.8 – 8.5mm or better
6	Flash	256 MB or higher
7	RAM	1 GB or higher
8	Field of View	104 - 36(H), 55 – 20(V) or better
9	WDR Technology	WDR Pro or Forensic WDR
10	Removable IR-cut Filter	Removable IR-cut filter for day & night function
11	Minimum Illumination	0.15 Lux @F1.2(C), 0.03 Lux @F1.2(B/W) or better
12	Pan/Tilt/Zoom	ePTZ: 48x digital zoom or 3x optical zoom or higher
13	Functionalities	30 mtr or better
14	IR Illuminators	MicroSD/SDHC/SDXC card slot
15	On-board Storage	H.264 & MJPEG
16	Video Compression	30 fps @ 2560x1920 or higher
17	Maximum Frame Rate	120 dB or better
18	Dynamic Range	Video Motion Detection, Adjustable resolution, quality and bitrate
19	Image settings	Text overlay, mirroring; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, backlight compensation/ day/ night threshold
20	Alarm Triggers	Motion detection,digital input, recording notification, camera tampering detection
21	Event Actions	Notification using digital Input/output, HTTP, FTP, and SD Card,
22	Network Protocols supported	SSL, TLS, Ipv4, IPV6, TCP/IP, HTTP, HTTPS, UPnP, RTP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, . QoS, SNMP, 802.1X, UDP, ICMP, ARP, CIFS/SMB
23	Audio Compression	
24	Interface	G.711, G.726
25	ONVIF	Ethernet RJ45 with POE supported
26	Motion Detection	Motion Detection
27	Other settings	line crossing detection, field detection
28	Power	Max 12.95 W or better

Bullet

29	Casing	IP66, IK10
30	Operating Temperature	-30°C ~ 60°C or better
31	Humidity	90.00%
32	Safety Certifications	FCC Class-A, VCCI, UL, EN 50121-4
33	MAF from OEM	Manufacturer Authorisation Form is mandatory to get qualified
34	Hardware/Software NVR	Yes
35	Warranty from OEM	36 months

Mandatory:-

- 1) Vendor needs to mandatorily submit MAF along with the quote.
- 2) 3-yrs onsite warranty from OEM and Vendor for the quoted products and support.
- 3) Demo of all the quoted products is a must.
- 4) Vendor quoting for this should have executed similar works and relevant documents to be submitted.
- 5) Hardware/ Software NVR need to be quoted as per the solution proposed and should support ONVIF compliant cameras.
- 6) OEM should have Support centre in Bangalore.
- 7) Vendor needs to have local point of presence/registered office at Bangalore.
- 8) The vendor should be ready for Demo of the quoted products within 7days from intimation. Timelines for demo will not be extended.

Note:-

- 1) Data sheets for quoted products must be attested.
- 2) Installation charges per camera needs to be quoted.
- 3) Support charges for 3yrs if any needs to be quoted.
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