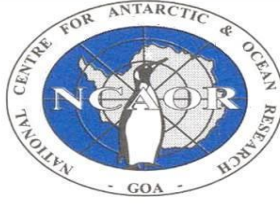


राष्ट्रीय अंटार्कटिक एवं
समुद्री अनुसंधान केन्द्र
पृथ्वी विज्ञान मंत्रालय
भारत सरकार
हेड लैण्ड सडा, वास्को डा गामा
गोवा- ४०३ ८०४ भारत



**NATIONAL CENTRE FOR
ANTARCTIC & OCEAN RESEARCH**

Ministry of Earth Sciences
Government of India)
Headland Sada, Vasco da Gama
Goa - 403 804 - INDIA

Telefax No.: +91 832 2525573
Email: procurement@ncaor.gov.in

PROCUREMENT SECTION

LIMITED TENDER

M/s.

Ref. No.:

PR-1444

Date:

21.12.2017

Due Date:

18.01.2018

Dear Sir,

You are requested to send your offer in your official letter head (to be quoted in the price bid format as at Annexure-VIII) on FOR destination, basis for the following items as per the terms and conditions mentioned in Annexure-VII.

SL. NO.	DESCRIPTION	Quantity
	Supply & Installation of CCTV Camera at NCAOR	
1	IP IR Dome Camera with IP 66 Housing as per specification (Make –Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure-I)	18
2	IP PTZ Camera with IP 66 weather Proof Housing as per Specification (Make-Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure II)	02
3	Supply, installation, testing and commissioning of Network Video Recorder 32-CH as per Specification (Make-Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure III)	01
4	Supply, installation, testing and commissioning of 8 Port PoE Switch as per Specification(Make -Dlink, Netgear,) (Specification as per Annexure IV)	05
5	Supply, installation, testing and commissioning of 6U wall Mounted Rack(Make-Rittal, Dlink (Specification as per Annexure V)	01
6	PoE injector with Power Adapter (for connecting Wi-Fi AP and CCTV Camera) (Specification as per Annexure VI)	10
7	Supply, Laying and termination of CAT 6 Cable (Make-Dlink, I Baton)	Two Box
8	Any other network equipment like Connectors, 2Mtr Patch Chords etc. Required for successful operation.	25 Nos
9	Surface Mount Box and its accessories such as surface mount plate along with keystone (Make-Dlink, I Baton)	25 Nos
10	Supply, Laying and termination of 3/ 4 casing capping	350 Mtrs (2 Meter each)

Your offer should contain the following information:

1. Submit your quotation on FOR destination basis.
2. Expected Delivery Date: On or before
3. Please indicate the delivery date: _____
4. Validity period of quotation: 90 days from due date.
5. Guarantee/Warranty of the product:
6. GST if any:
7. Specify Brand/Make Model of the quoted item (Catalogue, brochures & leaflets etc. of the quoted item to be enclosed).

Yours faithfully,
Sd-
JM (Procurement & Stores)
For and on behalf of Director, NCAOR

2. Scope of Work

- (a) Installation of **20 cameras** at desired locations.
- (b) All cameras should have IP based IR night vision capability.
- (c) Centralize view of all cameras in Central Control Room.
- (c) Basic analytics like:-
 - (i) Tripwire detection and tempering of cameras to be provided in all cameras.
 - (ii) All cabling as per requirement and consideration of the buyer.
 - (iii) The scope of work installation, commissioning, testing and training to be provided.
 - (iv) Training manual in hardcopy to be provided with hardcopy of cable layout diagram site.
- (d) Once the supply order is placed, it will be the vendor's responsibility to make the project functional. Any additional cost incurred for completing the integrated project and for which the vendor has not bid at the time of submission of the final offer will be borne by the vendor.
- (e) The CCTVs Surveillance System need to be functional on 24x7 basic i.e. 24 hours all the days and need to have at least 10 days data storage capacity for all CCTVs.
- (f) The contractor will liaison on behalf of NCAOR, with other different OEMs for repairing of equipment(s) and all other accessories during warranty period.
- (g) At NCAOR fault clearing should happen with 2 days of registration in all cases.
- (h) Repair status will be clear after user is satisfied with the repair.
- (i) The contractor has to provide a standby hardware in case of breakdown maintenance takes more than two working days for on-site repair. For any repair not carried out within two days or a standby provision period not exceeding 7 days, Competent Authority, NCAOR, Goa may impose a penalty of Rs.100/- per item per day till the date the item / equipment is made functional subject to maximum amount as equivalent to the cost of the item/ equipment.
- (j) All equipment's/items/components and associated accessories under the contract will have preventive maintenance once in every three months. The required tools and software for this purpose will be provided by contractor. The contractor will send a part time supervisor at least once in every three months to inspect the system.
- (k) The contractor will maintain "History Card" and documentation for each equipment under contract.
- (l) Contractor will distinctively do the marking on each & every item under this contract. The contractor will be required to submit summary of monthly call reports to NCAOR.

Contractor liable to hand-over the entire system under its warranty to NCAOR in working condition, failure of which shall leads to forfeiture of Security Deposit by NCAOR.

Technical Specification for IP IR DOME CAMERA

Specification	Description	Deviation	
		Status	Remarks
IP IRDOMECAMERA-18Nos.			
Compression	H.265, H.264 and MJPEG		
Resolution	1920 x 1090 at 25 FPS		
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour		
Setup	Web server based remote camera video and network parameters setup		
Power	Should have Power over Ethernet (PoE) for Dome and Box Camera and AC24V/DC12V support		
Image Sensor:	1/2.8 inch Progressive Scan CMOS		
Min. Illumination:	0.01Lux@(F1.2,AGCON),0 Lux with IR		
Shutter time:	1/25s~1/100,000s		
Lens:	3 to 10 mm Automatic Varifocal (AVF), DC Iris F1.3 – 360, IR corrected		
Lens Mount:	Board Mount		
Day & Night:	IR cut filter with auto switch		
Wide Dynamic Range:	Digital WDR		
Angle Adjustment	Pan:0°-355°,Tilt:0°-65°		
Digital noise reduction:	3D DNR		
Video Compression:	H.265,H.264/M-JPEG		
Bit Rate:	32 Kbps~16Mbps		
Audio Compression:	G.711/G.726		
Dual Stream:	Yes		
Max. Image Resolution:	1920 x 1090		
Network Storage:	NAS		
Alarm Trigger:	Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception		
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RT		
Security:	User authentication, watermark		
System Compatibility:	ONVIF,PSIA,CGI,ISAPI		
Communication Interface:	1 RJ45 10M/100M Ethernet interface		
Image Settings	Rotate mode, Saturation, Brightness, Contrast adjustable by client Software or web browser		
Backlight compensation	Yes, zone optional		
Memory Card Slot	Minimum 1.5TB microSDXC card		
ROI	Yes, up to 4 configurable areas		
Ingress Protection level	IP66, IK10		
Impact Protection	IEC60068-2-75Eh,20J;EN50102,up to IK10		
Reset Button	Yes		
WDR (For WDR cameras)	85db		
Operating Conditions:	-30°C~60°C(-22°F~140°F)Humidity 95% or less (non-condensing)		

Technical Specification for IP IR PTZ Camera

Specification	Description	Deviation	
		Status	Remarks
IP IR PTZ Camera-02 No.			
Image Sensor:	1/2.8"ProgressiveScanCMOS		
Resolution	1940(H)x1090(V)		
Signal System:	PAL/NTSC		
Minimum Illumination:	F1.6, AGCOn:Color:0.05lux,B/W:0.01lux,0luxwithIR		
White Balance:	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp		
AGC:	Auto/Manual		
BLC:	ON/OFF		
HLC:	Support		
WDR:	DWDR		
Shutter Time:	1-1/10,000s		
Day & Night:	ICR		
Digital Zoom:	30X		
Privacy Masking:	8 privacy masks programmable		
Auto Focus:	Auto/Semi-automatic/Manual		
Lens			
Focal Length:	4.5-135.0mm,30x		
Zoom Speed:	Approx.3s(Optical Wide~Tele)		
Angle of View:	58.3-3.2degree(Wide~Tele)		
Minimum Working Distance:	10~1,000mm(Wide~Tele)		
Aperture Range:	F1.6~F3.5		
Pan & Tilt			
Pan Range:	360°endless		
Pan Speed:	PanManualSpeed:0.1°~80°/s,PanPresetSpeed:80°/s		
Tilt Range:	-15°-90°(Auto Flip)		
Tilt Speed:	Tilt Manual Speed:0.1°~80°/s, Tilt Preset Speed:80°/s		
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples		
Number of Preset:	256		
Patrol:	8 patrols, up to 32 presets per patrol		
Power loss recovery:	Support		
Park Action:	Preset/Patrol/Pattern/Pan scan/Tilt scan/ Random scan/Frame scan/Panorama scan		
PTZ Position Display:	ON/OFF		
Infrared			
IR irradiation distance:	180m		
IR irradiation angle:	Adjustable by zoom		

Network			
Ethernet:	10Base-T,/100Base-TX,RJ45Connector		
Minimum. Image Resolution:	1920×1080		
Frame Rate:	50Hz:25fps(1920×1080),25fps(1280×720), 60Hz:30fps(1920×1080),30fps(1280×720)		
Main Stream:	50Hz:25fps(1920×1080,1280×960,1280×720),50fps(1280×960,1280×720); 60Hz:30fps(1920×1080,1280×960,1280×720),60fps(1280×960,1280×720)		
Sub Stream:	50Hz:25fps(704×576),25fps(640×576),25fps(320×288) 60Hz:30fps(704×480),30fps(640×480),30fps(320×240)		
Third Stream:	50Hz:25fps(1920×1080,1280×960,1280×720,704×576,640x480,352×288) 60Hz:30fps(1920×1080,1280×960,1280×720,704×576,640x480,352×288)		
Image Compression:	H.265, H.264/MJPEG		
ROI encoding:	Support 4 areas with adjustable levels		
Protocols:	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE		
No. of Simultaneous Users:	Up to 20 users		
Dual Stream:	Support		
Mini SD Card:	Support up to 1.5 TB Micro SD/SDHC/SDXC card. Support Edge recording		
User/Host Level:	Up to 32 users,3 Levels: Administrator, Operator and User		
Security Measures:	User authentication(ID and PW),		
	Host authentication (MAC address)		
	IP address filtering		
EZVIZ:	Support		
Ingress Protection	IP66		
Certifications & Approvals:	CE, UL & FCC (UL must)		
Client GUI			
Camera Control:	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, <u>preset calling and programming, auto mode</u>		
Date & Time Display:	Time: Week: Date, 6 formats on the Client		
Client:	Support iVMS-4200		
Web Browser:	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02+		
General			
Menu Language:	English		
Power Supply:	12 VDC&POE(802.3at,class4)		
Power Consumption:	Max.20W		
Working Temperature/ Humidity:	-30°C~ 65°C(-22°F~ 149°F)		
Protection Level:	IP66 standard (outdoor dome)		
	TVS4, 000V lightning protection, surge protection and voltage transient protection		
Mounting:	Various mounting modes		
Mount Option:	Long-arm wall mount, Corner mount, Pole Mount Power box mount, Swan-neck mount		

Technical Specification for Network Video Recorder(NVR)

Specification	Description	Deviation	
		Status	Remarks
NetworkVideoRecorder(NVR)-1 No.			
IP Video Input:	32-ch		
Two-way Audio:	1-ch BNC(2.0Vp-p,1k)		
VGA Output:	1-ch, resolution: 1920×1080P/60Hz,1600×1200/60Hz,1280×1024/60Hz, 1280×720/60Hz,1024×768/60Hz		
CVBS Output:	1-ch,BNC(1.0 Vp-p,75) Resolution:704× 576(PAL); 704×480 (NTSC)		
HDMI Output:	1-ch,resolution: 1920×1080P/60Hz,1920×1080P/50Hz,1600×1200/60Hz,1280 × 1024/60Hz,1280×720/60Hz,1024×768/60Hz		
Recording resolution:	5MP/3MP/ 1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/ CIF/QCIF		
Audio Output:	2-ch BNC (Linear electrical level,600)		
Playback Resolution:	5MP/3MP/1080P/UXGA/720P/4CIF/VGA/DCIF/2CIF/CIF /QCIF		
Synchronous Playback:	32-ch		
Interface Type:	4 SATA interfaces for 2 HDDs+ 1 DVD-R/W(default),or 4HDDs		
Capacity:	Up to 4TB capacity for each disk		
e-SATA Interface:	1 eSATA interface		
Network Interface:	1 RJ4510M/100M/1000M adaptive Ethernet Interface		
USB Interface:	3 USB2.0 interfaces		
Serial Interface:	1 RJ45RS-232 interface;1 RS-485 interface;1RS-485 keyboard interface		
Alarm Input:	16-ch		
Alarm Output:	4-ch		
Working Temperature:	-10°C~+55°C		
	The alarms may be triggered by the following events: a. Motion(or lack of motion) in camera view b. Change in sound level c. Text data string d. Digital input signal from an external device e. Missing camera signal (resulting for example from sabotage) f. Custom event from3rd party application.		

	<p>The alarm management shall support the following automatic responses:</p> <ol style="list-style-type: none"> a. Pre-and post-recording of video b. Opening an alarm camera window(real-time or play back) c. Displaying the alarm on the alarm list d. Activating a digital output e. Turning a dome camera to a preset position f. Starting a dome camera tour g. Sending an alarm e-mail message h. The alarm management shall be able to acknowledge alarm automatically or manually 		
	<p>The following applications simultaneously without interfering with any Of the Archive Server operations (Recording, Alarms, etc.)</p> <ol style="list-style-type: none"> a. Live display of cameras and audio b. Live display of camera sequences c. Playback of video and audio d. Media search tools e. PTZ control f. Display and control of Maps g. Alarm management h. Digital I/O control 		
	<p>System shall support any form of IP network connectivity including:</p>		
	<p>System shall support IP Multicast(RTP)and Unicast (TCP or RTP) Video and audio streaming as required depending on the network capabilities</p>		
	<p>The camera toolbar shall be displayed when the mouse is moved over a camera or if a camera is selected with other means. If the mouse is Not moved for sometime, the camera toolbar disappears automatically.</p> <p>The camera toolbar shall contain atleast the following items.</p> <ul style="list-style-type: none"> • Camera settings control • Export control • Image print control • Camera closing and duplication control • Two way audio control • View or virtual zoom control • highlight control • Image Control plugin control • 360 camera de-warping control(In case of 360 Cameras) • Other toolbar plugins 		

Technical Specification for Layer2 PoE Switch(8Port)

Specification	Description	Deviation	
		Status	Remarks
Layer 2 PoE Switch(8Port)-05Nos.			
Interfaces	8 x10/100/1000Mbpsports•2 x SFP ports		
Port Standards	IEEE 802.3 10BASE-T Ethernet(twisted-pair copper)• IEEE 802.3u 100BASE-TX Fast Ethernet(twisted-pair copper)• IEEE 802.3ab 1000BASE-T Gigabit Ethernet(twisted-pair copper)•IEEE 802.3azcompliance• Auto-negotiation• IEEE 802.3 x Flow Control		
Network Cables	UTP Cat.5, Cat.5e, Cat6 (100 m max.)		
Duplex Mode	Full/Half-duplex for 10/100 Mbps• Full-duplex for 1000 Mbps		
Media Interface Exchange	Auto MDI/MDIX adjustment for all twisted-pair ports		
Switching Capacity	20Gbps		
Transmission Method	Store-and-forward		
MAC Address Table	16,000 entries per device		
Flash Memory	16MB		
AC Input	100 to 240 VAC 50/60 Hz internal universal power supply		
Operating Temperature	•-5 to 50°C(23 to 122°F)		
Storage Temperature	•-20 to 70°C(-4 to 158°F)		
Operating Humidity	0% to 95% non-condensing		
Storage Humidity	0% to 95% non-condensing		

Technical Specification for 6U Rack

1.1.6	The specification of 6U size Network Rack	
i	Type of Rack	Wall Mount Type
ii	Rack Standard	Should confirm to DIN 41494 or Equivalent
iii	Construction type	Should be Welded
iv	Front door	Lockable front door with toughened glass
vii	Mounting Angle	19 inch mounting angle made of formed steel
viii	Equipment Mounting	DIN standard 10mm sq. slots/Direct M6 tap
ix	Standard finish	Powder coated Gray
x	PDU	Should have 5A, 5 point Power Distribution unit
xi	Fans	Should have at least 1 ceiling mounted fans
xv	Dimensions	347mm X 550mm X 450mm

Technical Specification for PoE injector with Power Adapter

Interface	
PoE + Data Port (Out)	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T PoE port • IEEE 802.3 Ethernet • IEEE 802.3u Fast Ethernet • Supports half/full-duplex • IEEE 802.3ab Gigabit Ethernet • IEEE 802.3af Power over Ethernet (PoE)
Data Port (In)	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T port • IEEE 802.3 Ethernet • IEEE 802.3u Fast Ethernet • Supports half/full-duplex • IEEE 802.3ab Gigabit Ethernet
LED Indicators	<ul style="list-style-type: none"> • Blue: Power On • Green: Link On
Physical	
Dimensions (L x W x H)	• 109.8 x 62.2 x 24.5 mm (4.32 x 2.45 x 0.96 in)
Weight	• 70 g (0.15 lbs)
Power	<ul style="list-style-type: none"> • Output: 0.35 A at 48 V • Max consumption: 16.8 W • Power adapter: 0.4 A at 48 V (replaceable AC plug)
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 50 °C (32 to 122 °F) • Storage: -30 to 70 °C (-22 to 158 °F)

TERMS AND CONDITIONS FOR SUBMISSION OF TENDER/ENQUIRY.

1) The National Centre for Antarctic and Ocean Research (NCAOR) invites quotation/sealed tender from the reputed firms for the “**SUPPLY & INSTALLATION OF CCTV CAMERA AT NCAOR**” as per the specifications given in Annexure-I to VI.

2) The tender should be submitted in sealed covers, super scribing tender for “**SUPPLY & INSTALLATION OF CCTV CAMERA AT NCAOR**” addressed to the Director, National Centre for Antarctic and Ocean Research, Headland-Sada, Vasco-da-Gama, Goa-403 804.**(only for tenders)**

3) a) Overwriting and corrections should be attested properly. The bid should be complete in all respects and should be duly signed. **Incomplete and unsigned bids/quotation will not be considered.**

b) Tenderer/supplier should submit tender in sealed cover within due date in their letter head indicating answer to questionnaire of this tender along with all the required documents as required in tender & **TECNO COMMERCIAL COMPLIANCE STATEMENT duly filled in all respect.**

c) **The tenderer/supplier should quote the price in the price bid format as at Annexure VIII only.** (if it is two bid system then price bid in the price bid format only should be submitted in separate sealed cover with indicating tender number & bidder name on the cover) Any alteration /modification to the price bid format shall liable for rejection of Bid/quotation. **No price should be mentioned/quoted in the Techno-Commercial bid (applicable for two bid system)**

4) All relevant technical literature pertain to items quoted **with full specifications** (Drawing, if any), information about the products quoted, including brochures if any should accompany the quotation.

5) A list of **reputed clients** to whom the firm has supplied similar items to be furnished along-with the quotation/tender.

The Bidder should furnish the Name and address of the Purchasers placed orders on similar equipment with order No, date, Description and quantity, Date of Supply along with Contact person Telephone No, Fax No, and e mail address of Purchaser. The Bidder should enclose copies of Purchase Orders of recent similar supplies to the other customer.

6) Quotation should be **valid for a period of 90 days** from the date of tender opening /date of enquiry due date and the period of delivery required should also be clearly indicated. If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries (wherever applicable) NCAOR reserves the right to **levy liquidated damages** at the rate of 0.5% per week or part their of up to maximum of 5%.

7) The **warranty period** and the kind of **post-warranty support** should be indicated. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract.

8) Please **specify the Make/Brand quoted with full details** and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.

9) Bid should contain EMD.

Bidders shall submit **EMD** along with their tender, **either By DD** drawn in favor of NCAOR, for a sum of ₹ 18,000/- (Rupees Eighteen Thousand only) payable at Vasco-da-Gama only **or in the form of a bank guarantee** for a sum of ₹ 18,000/- (Rupees Eighteen Thousand only) from any reputed bank (scheduled bank) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the bid only.

Tender without EMD in the envelope containing bid shall be summarily rejected. The EMD of unsuccessful bidders shall be returned within 30 days of the award of contract.

The earnest money will be liable to be forfeited, if the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of his tender.

10) The Purchaser requires that the bidders suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

“Corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution:

“fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of contract;

“collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of purchaser, designed to establish bid prices at artificial, noncompetitive levels; and

“coercive practice: means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of contract;

The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive

practices in competing for the contract in question; The Decision of Director, NCAOR shall be final and binding.

11) **TECNO COMMERCIAL Compliance Statement:** Equipments point-by-point comparison/compliance statement with **technical specification** indicated in the tender/enquiry, should be enclosed along with your tender/quotation as well as any other extra features of the equipment be shown separately therein and also **compliance statement for all commercial terms** of the tender (for Techno- commercial bid questionnaire to be attached as per Annexure-IX & for Techno-Commercial compliance statement for **“SUPPLY & INSTALLATION OF CCTV CAMERA AT NCAOR ”** as per Annexure-X).

12) NCAOR is not entitled to issue form **“C/D”**. No Taxes shall be payable by us unless payment of the same is specifically mentioned by the suppliers in their bids and same is legally leviable.

13) To avail duty concessions **Custom Duty** as per Govt. notification 51/96, NCAOR will provide exemption certificates.

14) **Bid/Quotation should contain** all details and specifications, delivery schedule, Warranty, Installation,, Post Warranty, payment term, user-list, details of the price(s) of the item(s). **Any conditional bid/quote shall be rejected.**

15) The Prices shall be quoted in Indian Rupees for offers received within India for Goods manufactured in India: However tender/Quotation should contain item-wise prices including total GST, Charges for Inland Transportation, Insurance and other local services required for the delivering the goods on F.O.R NCAOR GOA.

16) **Payment Terms: No advance payment** will be made. **Payment will be made only after submission of PBG** for 10% value of the order towards warranty guarantee (**wherever applicable**) Payment for INR quotes shall be made within 30 days from the date of receipt & acceptance of the Equipment/item as ordered and completion of Installation (wherever applicable) against submission of original signed invoice in triplicate.

17) A Committee constituted by the Director, NCAOR for the purpose reserves the right to open the bids. Bids will be opened on the date and time mentioned in the tender document in the presence of tenderer. (only for Tender)

18) A technical Committee constituted by the Director will assess the product supplied/ for their quality and their conformity to the specifications provided by the firm in their quotations. Any item(s) identified by the Committee to be not as per the specifications or are found to be of inferior quality will be rejected, and the bills towards the supply will not be processed for payment till proper replacements are provided.

19) **The submission of tender/Quotation** shall be deemed to be an admission on the part of the tenderer/supplier, had fully acquainted with the specifications, etc. and no claim other than what stated in the tender shall be paid in the event of award of Purchase Order.

20) **Acceptance of this tender/Quotation** form and submission of the quote within the stipulated time would be treated as:

a) The tenderer/supplier has understood all requirements as described in our Tender/Enquiry document.

b) Acceptance to provide/establish all the facilities mentioned in our tender/Enquiry without any price escalation, if the tendere/supplier finds it necessary to add any hardware or software or any other materials during implementation.

c) Agreeing to execute order to the satisfaction of NCAOR or its authorized representatives within the stipulated time.

21) NCAOR will not be liable for any obligation until such time NCAOR has communicated to the successful bidder of its decision to release the Purchase Order.

22) Installation charges (wherever applicable) should be clearly indicated & to be quoted in price bid only.

23) NCAOR will not be responsible for any postal delays.

24) Bidders shall note that NCAOR will not entertain any correspondence or queries on the status of the offers received against this Tender/Enquiry Invitation.

25) Tenders/Quotation from Manufacturers/Suppliers/Tenderers whose performance was not satisfactory in respect of quality of supplies and delivery schedules in any organizations, are liable for rejection. The tenders/Quotation that do not comply with the above criteria and other terms & conditions are liable for rejection.

26) The Director, NCAOR does not bind to accept the lowest quotation and reserves the right to himself, to reject or partly accept any or all the quotations received without assigning any reason.

27) All disputes arising in connection with executing the purchase order will be subject to the Jurisdiction of the Courts in Goa only.

28) No optional items to be quoted.

Tender No.: _____

ANNEXURE VIII

PRICE BID FORMAT

- To be quoted in the following format only on F.O.R, NCAOR, Vasco Da Gama, Goa Basis.

Sr. No.	Item Description & Specifications	Quantity	Unit rate Quoted in INR (after offering maximum discount)	Total (Col.1x Col.2)	GST Amount & % applied	Total Quoted Amount in INR (should not be more than MRP (Col.3 + Col.4))
		(Col. 1)	(Col.2)	(Col.3)	(Col.4)	(Col.5)
1	IP IR Dome Camera with IP 66 Housing as per specification (Make –Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure-I)	18				
2	IP PTZ Camera with IP 66 weather Proof Housing as per Specification (Make-Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure II)	02				
3	Supply, installation, testing and commissioning of Network Video Recorder 32-CH as per Specification (Make-Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure III)	01				
4	Supply, installation, testing and commissioning of 8 Port PoE Switch as per Specification(Make - Dlink, Netgear,) (Specification as per Annexure IV)	05				
5	Supply, installation, testing and commissioning of 6U wall Mounted Rack(Make-Rittal, Dlink (Specification as per Annexure V)	01				
6	PoE injector with Power Adapter (for connecting Wi-Fi AP and CCTV Camera) (Specification as per Annexure VI)	10				
7	Supply, Laying and termination of CAT 6 Cable (Make-Dlink, I Baton)	Two Box				
8	Any other network equipment like Connectors, 2Mtr Patch Chords etc. Required for successful operation.	25 Nos				
9	Surface Mount Box and its accessories such as surface mount plate along with keystone (Make-Dlink, I Baton)	25 Nos				
10	Supply, Laying and termination of 3/ 4 casing capping	350 Mtrs (2 Meter each)				
GRAND TOTAL						
Total Amount inclusive of GST in words _____						

• **GSTN:**_____

1. Validity: 90 days from the due date of tender.

2. Delivery & Installation On or Before: _____

Signature:

Designation:

Bidders Name with address & Seal:

Phone No.:

Email Address:

Date:-

QUESTIONNAIRE – to be provided in Techno-Commercial Bid document.

- a. **Name of the Manufacturer / Tenderer**
- b. **Full postal address with Telephone, Telefax, Email**
- c. **Please specify whether Public Limited, Company, Private Organization or Partnership Firm**
- d. **Nature of the Business**
- e. **Date of Establishment**
- f. **Present Turnover**
- g. **Permanent Income Tax Ref. No.**
- h. **G.S.T. NO.**
- i. **Address & Telephone Nos. Of your branch office in GOA
(please specify whether Distributing/Servicing/Marketing the products)**
- j. **Techno Commercial Compliance statement: should be provided**
- k. **Reference of reputed Customers**
- l. **Details of the highest order executed and value thereof**
- m. **Technical Specifications/Literature/Brochure should be enclosed.**
- n. **If quoted in Foreign Currency should mention the preferred payment option out of a,b& c of clause-29 B in the Techno-Commercial bid document & acceptance of the same.**
- o. **Offered Date of supply (on or before-----) should be indicated in the Techno-commercial bid.**

**TECHNO COMMERCIAL COMPLIANCE STATEMENT FOR SUPPLY & INSTALLATION OF
CCTV CAMERA AT NCAOR**

Sr. No.	TECHNICAL COMPLIANCE STATEMENT FOR SUPPLY & INSTALLATION OF CCTV CAMERA AT NCAOR	Complied/ Not Complied	Extra Features
1	IP IR Dome Camera with IP 66 Housing as per specification (Make –Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure-I)		
2	IP PTZ Camera with IP 66 weather Proof Housing as per Specification (Make-Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure II)		
3	Supply, installation, testing and commissioning of Network Video Recorder 32-CH as per Specification (Make-Pelco, Hikvision, Panasonic, Axis, Bosch) (Specification as per Annexure III)		
4	Supply, installation, testing and commissioning of 8 Port PoE Switch as per Specification(Make -Dlink, Netgear,) (Specification as per Annexure IV)		
5	Supply, installation, testing and commissioning of 6U wall Mounted Rack(Make-Rittal, Dlink (Specification as per Annexure V)		
6	PoE injector with Power Adapter (for connecting Wi-Fi AP and CCTV Camera) (Specification as per Annexure VI)		
7	Supply, Laying and termination of CAT 6 Cable (Make-Dlink, I Baton)		
8	Any other network equipment like Connectors, 2Mtr Patch Chords etc. Required for successful operation.		
9	Surface Mount Box and its accessories such as surface mount plate along with keystone (Make-Dlink, I Baton)		
10	Supply, Laying and termination of 3/ 4 casing capping		
11	Whether optional item has been quoted	Yes/No	
12	Whether PBG (wherever applicable) as per Tender will be provided after placement of purchase order.	Yes/No	
13	Unconditional tender acceptance as per tender is signed by the bidder & enclosed to the tender	Yes/No	
14	Whether the Un-priced Bid is enclosed as per price bid format of the Tender	Yes/No	

TENDER ACCEPTANCE UNDERTAKING

To

The Director,
NCAOR, Headland Sada,
Vasco – Goa.

Having examined the tender document **for “SUPPLY & INSTALLATION OF CCTV CAMERA AT NCAOR ”** we undersigned hereby offer to supply the equipment in conformity with all specifications and conditions set out in the tender document and price as quoted in the price bid.

We enclosed all the relevant documents as per the tender.

We understand that you are not bound to accept the lowest or any tender received.

Date :

(Signature of Bidder)

Name :

Designation :

Seal