

Request of Proposal for "Supply, Installation, Testing & Commissioning of IP Based CCTV monitoring system along with 3 years standard warranty at ITCO Ocean Buildings of INCOIS, Hyderabad"

Dear Sirs,

On behalf of Director, INCOIS tenders are invited in "Two Bid System" (Technical Bid and Price Bid) from tenderer's with appropriate registration having adequate resources, setup and dealing with works on regular basis towards "Supply, Installation, Testing & Commissioning of IP Based CCTV monitoring system". The offers, in the prescribed format, shall be submitted online at <http://eprocure.gov.in/eprocure/app> as per the tender document. No tender will be accepted in hard copy, fax, email or any other such means. The intending, bidders must be registered with Public Procurement <http://eprocure.gov.in/eprocure/app>.

1.	Name of Work	:	Supply, Installation, Testing & Commissioning of IP Based CCTV monitoring system along with 3 years standard warranty at ITCO Ocean Buildings of INCOIS, Hyderabad
2.	Submission of Bid	:	Please note that the subject tender has to be submitted online via e-tender portal i.e, http://eprocure.gov.in/eprocure/app only.
3.	Type of Bid	:	Two Bid Cover I - Techno-Commercial Bid , EMD of Rs 50,000/- Cover II - Price Bid in the prescribed format.
4.	Last date for seeking the clarifications	:	On or before 09 00Hrs of February 20, 2020
5.	Bid submission due date online	:	On or before 1500 Hrs of March 04, 2020
6.	Bid opening date	:	After 15 00 Hrs. of March 05, 2020
7.	Bid validity	:	90 days from the date of opening of tender
8.	Completion Period	:	Within 04 months from the date of acceptance of the order
9.	*Acceptance of the Order by the successful bidder upon AOC	:	* Within 10 days from the date of issue of the PO/Order.

Being an e-tender the bids have to submit online in the e-tender portal i.e., <http://eprocure.gov.in/eprocure/app>. kindly refer **Appendix** for the detailed procedure. For any assistance, please contact help line of e-Tender portal or the following persons also may be contacted: Mr. Devendra Kumar /Mr. R V Giridhar, Phone No. 040-2388 6055/2388 6074, Email: devendra.kumar@incois.gov.in / rvgiridhar@incois.gov.in

INCOIS may, at its discretion, extend the deadline for submission of bids by issuing an Amendment, in which case all rights and obligations of the Owner and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

Postal Address	Location Address
Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Govt. of India, "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO), Hyderabad - 500 090.	Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Govt. of India, "Ocean Valley", Survey No.342/3, Beside ALEAP, Near Pragathi Nagar, Opp. JNTU- Kukatpally, Hyderabad-500 090 Ph.No.040-2388 6000 ; Fax No.040-23892910

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Name of the Work:- "Supply, Installation, Testing & Commissioning of IP Based CCTV Camera Surveillance Network for ITCO Ocean Building with 3 years standard warranty period at INCOIS, Hyderabad.

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1) Introduction:-

1. Indian National Centre for Ocean Information Services (INCOIS), a unit of Ministry of Earth Sciences, Govt. of India is a premier scientific Institute of the country, functioning on 24X7 basis to provide Ocean data, information and advisory services to society, industry, Government and Scientific community through sustained ocean observation and constant improvement through systematic and focused researching information and Ocean modeling.
2. INCOIS is located at approximate 3km from Pragathi Nagar at Ocean valley, Pragathi Nagar PO, Nizampet SO, Hyderabad - 500090, near besides ALEAP in 60 acre premises. It had started functioning at its premises w.e.f 2004 after construction of various buildings along with related services were completed and occupied in year 2004.
3. INCOIS is setting up an International Training centre for Operational Oceanography which is a UNESCO category-2 recognized centre. Under this project two buildings viz., Academic Block & Hostel Block are being constructed. Now the requirement is for "Supply, Installation, Testing & Commissioning of IP Based CCTV Camera Surveillance Network for ITCO Ocean Buildings with 3 years standard warranty period at INCOIS, Hyderabad.

2) Scope of work :-

The Scope of work under this tender includes the following:-

- 2.1 Supply, Delivery to site, Installation, Testing, Commissioning & hand over of IP Based CCTV Camera Surveillance Network System for ITCO Ocean Building, with 3 years standard warranty period at INCOIS, Hyderabad as per the Technical Specifications mentioned in the Tender.
- 2.2 IP Based CCTV Camera surveillance Network System should comprise of the following locations for ITCO Ocean Building:
 - 2.2.1 Academic Block: It includes Main Entrance & Exit areas of reception, Near stair cases located at admin support room (left side), MP Hall (right side), Lifts (Left side & Right side), Entrance to Fire Exit Doors (Left side, Right side (Science centre), Vehicle parking, Underground sump, DG sets and Inside substation.
 - 2.2.2 Hostel Block: It includes Main reception Entrance, near stair cases (Left side & Right side), Exit towards Badminton court, Exit from storage room, Electrical panel room and towards pump house.
 - 2.2.3 In addition to above locations, it includes at Main gate for ITCO Ocean Building, Entrance to STP, Junction point for Academic Block & Hostel Block.
- 2.1 The CCTV System covered under this tender generally comprises of the following items:
 - o 25 IP cameras and mounting accessories like clamps, GI poles etc.
 - o 10/100/1000 MBPS manageable network switches for Ethernet TCP/IP network.
 - o Media converters for OFC.

- Control racks of various sizes.
 - OFC, Cat 6 cable, Power cable etc as required.
 - SPD's, PDB's & other hardware accessories.
 - Any other items required for the complete execution of the system.
- 2.4 All the above cameras should have POE switch points at its corresponding locations viz., at Academic Block, Hostel Block, STP House & Main Security Gate Room.
 - 2.5 These POE switches should connect to existing monitor which is located at main security gate room through NAS.
 - 2.6 Power supply to be provided to cameras & POE switches for long distances through UPS located at Academic Block & Hostel Block and for places with out UPS power, if required mini suitable UPS may be installed at desired locations as per site conditions for satisfactory completion of the CCTV system.
 - 2.7 Physical erection of pole/digging of soil for lying of cables through HDPE pipe, scaffolding works & other civil sided works comes under the scope of vendor.
 - 2.8 All items of the equipments/accessories in this tender shall be new and complete in all aspects and material/equipment not covered in this specification but essential for completion of the project is covered under the scope of work.
 - 2.9 Warranty for a period of 3 years for the entire system which includes rectification/ replacement of defective components, monthly preventive maintenance like cleaning of sensors, cameras, checking of software functioning, critical components etc are covered under the scope of vendor.
 - 2.10 Submission of 2 sets of operation & maintenance documents supported with Manufacturer's catalogue training to administrative & maintenance staff and all other associated work as required for completion of the work, irrespective of whether these are specifically mentioned are covered under the scope of vendor.
 - 2.11 Any Application software as required for completion of the project is covered under the scope of vendor.
 - 2.12 All installation should have operational flexibility for replacement of malfunctioning camera, switches etc without affecting overall system. Expansion of the system should be possible with software setting at monitoring station by adding camera. Relocation of camera units within the radius of 10 meter without any change of hardware shall also be possible.
 - 2.13 The quantities mentioned in the Tender schedule are approximate. Upon receipt of work order, Vendor shall prepare a cable schedule and submit the same for approval. Billing / payment shall be made upon final executed quantities.
 - 2.14 Compliance for Cameras, Active Network devices, Storage, is mandatory to be provided on OEM Letter head with sign and stamp. Failing to provide this will be summarily rejected.
 - 2.15 All software which is used in the system must have genuine License key and software backup system to restore the data a period of not less than one year, if the system crashes due to any reason.
 - 2.16 The successful tenderer shall provide hard copy and soft copy of operation and maintenance manual in triplicate.
 - 2.17 All the equipment used shall be brand new and of high quality in design, quality and performance. The use of second-hand equipment and materials or sub-standard materials shall not be accepted.
 - 2.18 All Active network accessories should be of the same OEM and should meet the Indian standards norms for certifications.
 - 2.19 Unless otherwise specified, all equipments covered by this specification shall be designed, manufactured, tested and installed as per the latest Indian Standard Specifications / IEC standards/international standards.
 - 2.20 The equipment supplied shall be guaranteed against any manufacturing defects, poor workmanship, defective material and faulty design. Their performance shall also be guaranteed. The guarantee period shall be 36 months from the date of commissioning. If any equipment is found defective regarding design, construction or performance, the same shall be replaced / rectified free of cost.
 - 2.21 The successful tenderer should also supply a demonstration CD containing the operation procedures of the device for various modes of operation, recording and analyzing.
 - 2.22 The successful tenderer shall provide all test certificates as per relevant standards from OEM.
 - 2.23 The bidder should specify clearly about quoted Make & Model and it has to fully complied to the tender specification. Otherwise vendor will be disqualified.
 - 2.24 All the proposed Cameras should be connected to the 55" Display already installed at the main entrance gate. The existing CCTV system installed at INCOIS is connected to this display and same display shall be used for the proposed CCTV system through available interfacing ports.

2.25. Technical Specifications:-

2.25.1 Lowlight Dome Camera:

S.no	Particulars	Description
01.	Camera Resolution	The Camera should be able to provide a resolution of 1920x1080 (2 MP) to 176x120 at 25/30 Fps
02.	Image Sensor	Should be Progressive Scan based RGB ½.8" progressive scan RGB CMOS
03.	Lens	Should have a M12 mount, F2.0, Fixed iris, Megapixel resolution 2.8 mm lens with a minimum horizontal angle of 115°
04.	Light Sensitivity	Camera should be able to produce image color @ 0.2Lux, B/w @ 0.04Lux @50IRE, F2.0, 0 lux with IR
05.	PTZ	Digital PTZ, with option of 16x9 and 9x16 video format
06.	Frame Rate	The camera should be able to provide up to 25/30 frames per second
07.	Video Streaming	The camera should be able to provide Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/CBR H.264
08.	Security	The camera should have Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log, Centralized Certificate Management
09.	Protocols	The camera should support IPv4/v6, HTTP, HTTPSa, SSL/TLSa, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, SRTP
10.	API	The camera should provide for open API for software integration including camera OEM's own API and Camera application platform
11.	ONVIF	The supplied camera should be ONVIF S, T & G all three certified compulsorily
12.	Intelligent Video	The camera should have built in Video Motion Detection, Active Tampering Alarm, and ability to port third party applications on the edge.
13.	Event Triggers	The camera should have event triggers for intelligent video, Edge storage events, and external inputs
14.	Casing	The camera casing should be IP42 water and dust-resistant with IK08 impact resistant polycarbonate/ ABS casing.
15.	Sustainability	For environment protection, the camera should be PVC free
16.	Memory	The camera should have atleast 512 MB RAM with 256 MB flash
17.	Power	The camera should utilize Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2, with maximum power of 6.2 W
18.	Edge Storage	Support for microSD/MicroSDHC/MicroSDXC slot supporting memory card upto 64 GB
19.	IR LED	The camera should be able to provide a minimum 15m IR distance with 3 or fewer LED's only.
19.	Operating Conditions	The camera should be able to operate in below conditions 0°C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
20.	Warranty	The OEM should offer 3years warranty along with 3years CAMC after expiry of warranty with local support office in India.
21.	OEM Compliance	Compliance to be filled and signed by OEM on letter head and the same shall be submitted by the bidder.

2.25.2 Lowlight Bullet Camera:

S.no	Particulars	Description
01.	Camera Resolution	The Camera should be able to provide a resolution of 1080p(1920x1080) to 160x90 resolution in 25/30 fps
02.	Image Sensor	Should be Progressive Scan based RGB CMOS 1/2.8" Sensor or better
03.	Lens	Should have a fixed focus fixed iris 2.8mm, IR Corrected lens with 115° or higher horizontal angle of coverage.

04.	Minimum Illumination	Camera should be able to produce color image @ 0.2 Lux @ F2.0 and b/w images @ 0.04 lux. 0 lux with IR On.
05.	Shutter Time	1/ 65000 to 2s or better
06.	Day/Night vision	The camera should have automatically removable IR cut filter
07.	Frame Rate	The camera should be able to provide up to 25/30 frames per second
08.	Video Streaming	The camera should be able to provide multiple, individually configurable streams in H.264/Motion JPEG, with controllable frame rate and bandwidth with VBR/CBR in H.264 mode.
09.	WDR	The camera should be able to provide WDR of atleast 115 db or higher
10.	Security	The camera should have password protection, IP Address filtering, HTTPS encryption, IEEE 802.1x network access control, Digest authentication, and User Access log
11.	Protocols	The camera should support IPv4/v6, HTTP, HTTPSc, SSL/TLS, QoS Layer 3 DiffServ, FTP,CIFS/SMB, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II),DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP,DHCP, ARP, SOCKS, SRTP
12.	API	The camera should provide for open API for software integration including camera OEM's own API and Camera application platform
13.	ONVIF	The supplied camera should be ONVIF certified
14.	Sustainability	The quoted camera should be PVC free. A mention of the same from camera OEM is required.
15.	Intelligent Video	The camera should have built in Video Motion Detection, Active Tampering Alarm, and ability to port third party applications on the edge.
16.	Event Triggers	The camera should have event triggers for intelligent video, Edge storage events, and external inputs
17.	Casing	The camera casing should be polyester polycarbonate blend with an IP66, and NEMA 4X rated enclosure.
18.	Format	The camera should be able to provide video in 16x9 format
19.	IR LED	The camera should be able to provide a minimum 15m IR distance with 3 or fewer LED's only.
20.	Detectors	The camera should be able to provide alert when live stream of the camera is accessed.
21.	Memory	The camera should have atleast 512 MB RAM with 256 MB flash
22.	Power	The camera should utilize Power of Ethernet IEEE 802.3af/802.3at Type 1 Class 2, max 6.3W
23.	Edge Storage	Support for microSD/MicroSDHC/MicroSDXC slot supporting memory card upto 64 GB
24.	Operating Conditions	The camera should be able to operate in below conditions 1. -30° to 50° C with PoE 2. Humidity 10-100% RH (condensing)
25.	Warranty	The OEM should offer 3years warranty along with 3years CAMC after expiry of warranty with local support office in India.
26.	OEM Compliance	Compliance to be filled and signed by OEM on letter head and the same shall be submitted by the bidder.

2.25.3 NAS

S. no	Particulars	Description
01.	CPU	dual-core 1.7GHz processor
02.	Memory	1GB DDR3 RAM
03.	GPU	Intel® HD Graphics
04.	Storage Manager	Flexible Volume/LUN; online RAID capacity expansion and configuration migration
05.	Flash Memory	512MB NAND flash
06.	Number of HDDs/SSDs	4* 12 TB SATA HDD Hard disk Interface: SATA 6Gb/s, 3Gb/s HDD or SSD; Hot-swappable Max. number of HDDs/SSDs 4
07.	Compatible Drive Type	3.5" or 2.5" SATA 6Gb/s, 3Gb/s HDD or SSD, hot swappable
08.	LAN Port	2 x GbE RJ45
09.	USB	3 x USB 3.0 ports (front x1; back x 2)
10.	LED Indicators	System Status, HDD, USB, LAN
11.	Buttons	Power, system reset button, USB One Touch Copy
12.	Security" design	K-Lock Security Slot
13.	Alarm Buzzer	System warning
14.	Power Consumption (W)	HDD standby:15.78W / In operation (typical): 33.88W max
15.	Operating Temperature	0 - 40°C / 32~104°F
16.	relative humidity	5 ~ 95% RH non-condensing; wet bulb:27°C
17.	Power Supply	AC adapter, 90W, 100 - 240V
18.	Supported RAID types	Single disk, RAID 0/1/5/6/10/5 + spare / 6 + spare
19.	Supported client systems	Windows 7/8/8.1/10, Windows Server 2012 R2, Apple Mac OS X 10.7+, Linux & UNIX
20.	Supported protocols	CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, and SMC

3) Eligibility Criteria:

Only those bidders fulfilling the following criteria should respond to the tender.

- 3.1 The bidder must be a Company registered under Indian Company Act 1956 or a registered firm. (Proofs for Registration of company, PAN and GST certificates to be submitted.
- 3.2 Vendor should have competence and adequate experience in SITC of CCTV works and should submit the documentary evidence for the same along with details of past experience.
- 3.3 The vendor should have service / support centre in India and proof of the same to be submitted. (Bidder should provide profile of their company including its infrastructure, technical manpower and their expertise). The bidder should have an average annual financial turnover of Rs. 9.91 lakhs or more during the last three years ending March 31, 2019. The bidding companies should be earning profit at least during two (02) years in the last three (03) years. Proof of turnover and Proof of annual profit certificate issued by the chartered accountant to be submitted.
- 3.4 Tenderer (OEM/SI) should have past experience and should have successfully completed similar nature of works in last seven years ending previous day of last date of submission of the online Bid. Out of which one work of value Rs.19.82lakhs or two works each of value Rs. 14.87 lakhs or three works each of value Rs. 9.91 lakhs. Client certificates/Work Completion Certificate/ Experience certificate/ on-going along with the P.O no. as a reference to be enclosed in this regard.
- 3.5 Compliance for Cameras, Active Network devices, Storage, is mandatory to be provided on OEM Letter head with sign and stamp. Failing to provide this will be summarily rejected.
- 3.6 The bidder should specify clearly about quoted Make & Model and it has to fully complied to the tender specification. Otherwise vendor will be disqualified.

- 3.7 Escalation matrix with full contact details, for the resolution of reported issues during the Warranty and CAMC period.
- 3.8 Earnest Money Deposit (EMD) as per section 8, Point No. 10.
- 3.9 Start ups: In order to promote make in India and startups, the prior turnover and prior experience for all startups shall be relaxed subject to their meeting of quality, technical specifications and tender conditions as per tender. The bidder who intends to participate as "start up" company should enclose the certificate towards startup enterprise registration/recognition issued by Department of Industrial Policy and Promotion, Ministry of Commerce and the certificate should be certified by the Chartered Accountant.
- 3.10 Earnest Money Deposit (EMD).
- 3.11 Consortium is not allowed.

NOTE:

- Offers of bidders who do not fulfill the eligibility criteria or who fail to submit documentary proof for all the points under eligibility criteria will not be considered for further evaluation.
- No further communication in this regard will be entertained.

4) Contents of Proposal:-

(i) Technical Bid: Technical bid should contain all the information as listed below without which the offer will not be considered further.

NOTE:

- Technical bid should contain filled-in Table-1 and Table-2 along with legible documentary proof, without which the offer will not be considered further.
- Part/conditional/incomplete quotations will not be accepted.

Table 1: Technical – cum – Eligibility

S No	Description	Complied (Yes / No)	Documentar y Proof Attached (Yes / No)	Page number against the Proof attached.	Remarks, if any
1.	The bidder must be a Company registered under Indian Company Act 1956 or a registered firm. (Proofs for Registration of company, PAN and GST certificates to be submitted.)				
2.	The bidder should have an average annual financial turnover of Rs. 9.91 lakhs or more during the last three years ending March 31, 2019. The bidding companies should be profit making/earning company at least during two (02) years in the last three (03) years. Proof of turnover and Proof of annual profit certificate issued by the chartered accountant to be submitted.				
3.	Vendor should have well established service / support centre in India. The details of location of service / support centre are to be submitted. (Bidder should provide profile of their company including its infrastructure, technical manpower and their expertise.)				
4.	Tenderer should have past experience in similar nature of works in last seven years ending previous day of last date of submission of the online Bid. Out of which one work of value Rs. 19.82 lakhs or two works of value Rs. 14.87 lakhs				

	or three works of value Rs. 9.91 lakhs. Client certificates / PO to be enclosed in this regard. (Copies of POs, Work Completion Certificate / Experience certificate / letter stating that project is on-going specifying the status of work along with the P.O Number to be attached as proof.)				
5.	Compliance for Cameras, Active Network devices, Storage, is mandatory to be provided on OEM Letter head with sign and stamp. Failing to provide this will be summarily rejected.				
6.	Earnest Money Deposit (EMD).				
7.	Signature on all the pages of the tender document, including addendum, if any, issued by INCOIS.				
8.	Compliance to the "Scope of the Work" mentioned in Section 2 and "General Terms and Conditions" mentioned in Section 8.				
9.	Compliance to the detailed specifications given at Section 2. (Please mention the Make and Model/Version offered against each of the line item. Detailed Specification sheet from OEM to be attached).				
10.	Client side contact details of completed / on-going Work orders of similar nature.				
11.	Escalation matrix with full contact details, for the resolution of reported issues during contract period.				

Table-2: Compliance Statement - 2 (un-priced bid)

NOTE:

- Technical bid should contain filled-in Table-1 and Table-2 along with legible documentary proof, without which the offer will not be considered further.
- Part/conditional/incomplete quotations will not be accepted.
- Bidder has to quote for all the components given in the Price bid. Hence, please indicate as Yes or No in the table given below.

S No.	Item Description	Qty	Units	Please confirm whether prices are Quoted in commercial bid or not. (Yes / No) Please do not mention prices here.
<u>"SITC of IP Based CCTV Camera Surveillance Network for ITCO Ocean Building with 3 years standard warranty period at INCOIS, Hyderabad.</u>				
1	SITC of Indoor Lowlight fixed Dome camera 2Mp, 1080P	No's	15	
2	SITC of Outdoor lowlight fixed Bullet camera 2MP, 1080P	No's	10	
3	SITC of NAS with 12TB HDD 4 slots, 1080P capability with total 48TB surveillance grade Hard disk.	No	01	
4	SITC of 10/100/1000 24 Port Smart Managed POE switch with 2 SFP uplink ports and 02 Nos. 1GBPS SFP Modules.	No's	02	
5	SITC of 10/100/1000 16 Port Smart Managed POE switch with 2 SFP uplink ports and 02 Nos. 1GBPS SFP Modules.	No's	01	
6	SITC of 10/100/1000 08 Port Smart Managed POE switch with 2 SFP uplink ports and 02 Nos. 1GBPS SFP Modules.	No's	02	
7	SITC of 6U Racks with accessories for Switches.	No's	04	
8	SITC of 10/100/100 Media Converter.	No's	10	
9	SITC of 06 ports Rack Mount LIU (fully Loaded with Pigtails and couplers).	No's	08	
10	SITC of 12 ports Rack Mount LIU (fully Loaded with Pigtails and couplers).	No's	04	

11	Supply & Laying of 6core Single Mode Armoured OFC cable in trenches, cable trays, HDPE pipe's etc.	M	4000	
12	Supply & Laying of 3 Core x 2.5 Sq mm Armoured power cable in trenches, cable trays, HDPE pipe's etc.	M	2000	
13	Supply & Laying of Cat 6 Cable in trenches, cable trays, HDPE pipe's etc.	M	4000	
14	Supply & Laying of 1" Casing Capping /PVC Pipe.	M	2500	
15	Supply & Installation of OFC patch cords (SC-LC/SC-SC)	No's	25	
16	Supply & Laying of 1" HDPE Pipe for underground OFC cabling including digging & refilling of soft soil & hard soil complete in all respects.	M	4000	
17	Supply of Power Accessories (MCB's, Supply of Power Accessories (MCB's, Power Sockets, Switches , electrical boxes, Terminals, Cable Tags, ferrules, Cable Ties, PVC sockets, Bends etc)Power Sockets, Switches , electrical boxes, Terminals, Cable Tags, ferrules, Cable Ties, PVC sockets, Bends etc).	L/S	01	
18	Supply & Installation of Cable Route Markers including erection.	No's	50	
19	SITC of 5 KVA online rack mounted UPS with min. 2 hrs battery back up.	No	02	
20	Any other material/equipment's not mentioned above but required for satisfactory completion of the entire work.	Lot	01	
21	<u>Optional:</u> CAMC of the entire CCTV system for a period of 3 years after the completion of 03 Years standard warranty .	03	Years	

- Price bid should be filled the .xls format provided in the price bid cover of CPP Portal only.
- Financial quote should consist of item wise price details for ALL the items, without which the offers will not be considered. (The successful bidder may be asked to submit details with respect to price break-up, if required.)
- Partial quotations will not be accepted.
- Price should be quoted as per the format. Lump-sum quotes will not be considered and line-item-wise break-up is mandatory. The format of the Price bid should not be changed in any case.
- The price of the 03 years CAMC cost will also be considered in price bid for arriving L1. **However placement of orders for CAMC will be at the discretion of INCOIS.**

5) Quality of Service : The vendor should provide OEM warranty support. The vendor shall be responsible for replacing any defective part / parts (consumable / non-consumable) without any extra cost to INCOIS during the warranty period.

a) Against SITC: Liquidated Damages Clause: In case the supply/delivery/services is delayed and delay is attributed to the successful bidder or is not as per our specifications and in the event of breach of any of the terms and conditions mentioned in the Purchase Order, INCOIS shall have the right.

- To recover at the rate of 0.5% per week for the value equivalent to undelivered material / services against the delay in execution of the order or part thereof subject to a maximum of 10% of the services/material not executed.
- To purchase elsewhere, after due notice to the Tenderer Inc., on the account and at the risk of the defaulting supplier for the stores/services not supplied or others of a similar description without cancelling the work order in respect of the job not yet due for supply or
- To cancel the order or a portion thereof and if so desired to purchase the stores / services at the risk and cost of the defaulting supplier and also.
- To extend the period of delivery with or without penalty shall not be more than agreed liquidated damages referred to in clause (a) above,
- To forfeit the security deposit full or in part at the discretion of Director, INCOIS.

b) During 3 years Warranty:

For the defects noticed during the entire service period, replacement/rectification should be arranged free of cost. The to and fro freight charges shall be borne by the successful bidder during warranty period if any. If the problem is not rectified in the specified time, the penalty clause will be applicable as below:

Penalty clause:

- Successful bidder should make sure that the reported issues are resolved with-in 24 hrs from the time of reporting. If any system / peripheral fails and not replaced with similar / higher configuration brand new system / peripheral of same make and duly accepted by INCOIS with-in 24 hrs from the time of reporting, it will be considered as an Instance. If the successful bidder fails to resolve the reported issues with-in 24 hrs, INCOIS will take up alternative measures for resolving the issues at the risk and cost of the successful bidder.
- During the warranty period of three years, each such instance will attract a penalty of 10% of PBG value. More than three such occasions will lead to forfeiture of total warranty/PBG amount.
- In case, if successful bidder fails to resolve the reported issues with-in 24 hrs and INCOIS gets the issues resolved through alternative means, it should not have any implications on the already agreed support for the systems / peripherals provided.

c) During 3 years CAMC: Penalty Clause:-

S No.	Type of Break Down	Period to be attended	Penalty in case of Delay-Day wise
1.	Any type of Break Down like adjustment of camera position, replacement of faulty cameras, or N/W switches or NAS etc	Within 48 Hours	Double the amount of quoted rates on pro-rata basis will be recovered per each day of delay after 48 hours.

6. Technical Evaluation Criteria

- The purpose of two bid system (technical and commercial) is to evaluate all the firms on technical basis with reference to the tendered specifications, performance of similar service rendered elsewhere and obtaining users views with reference to the earlier services. This will enable the technical committee to arrive at a fair recommendation in the interest of the organization.
- In the event of seeking any clarification from various bidders by INCOIS, the bidders are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. In case, if a bidder fails to quote for a particular item, it amounts to non-compliance and such bid will not be considered for further evaluation. Further, during this process, if any bidder indicates the price during the clarification, such bids also will not be considered for further evaluation.
 - On the due date, Technical bids will be opened.
 - The bids submitted together will be examined vis-a-vis the tendered specifications and evaluation is made accordingly.
 - Bids complete in all respects will qualify for further evaluation.
 - After completion of technical evaluation, the commercial bid of the technically qualified bidders will be opened through e-Portal (CPPP).
 - Preference will be given to the eligible Make in India offered products for this requirement.

7. Commercial Evaluation Criteria

- Generally the contract is awarded to the technically qualified eligible bidder whose bid has been determined as the lowest evaluated commercial bid. The price of the 3 years CAMC cost also will be considered in price bid for arriving L1. **However placement of orders for CAMC will be at the discretion of INCOIS.**
- Notwithstanding anything stated above, INCOIS reserves the right to assess Bidder's capability and capacity to perform the contract. Should circumstances warrant such an assessment in the overall interest of the organization, INCOIS reserves the right to reject any or all tenders/ bids at any time prior to award of

contract, without assigning reasons thereof, and without thereby incurring any liability to the affected Bidder or Bidders.

8) Terms and Conditions:-

SNo.	Details
1.	<u>Quotation:</u> Quotation have to submitted online in the e-tender portal i.e., http://eprocure.gov.in/eprocure/app only.
2.	A two bid system will be followed in selecting the vendor
3.	<u>Validity Period:</u> Bids/Offer shall have the validity period of 90 days from the tender closing date.
4.	<u>Completion Period:</u> Supply, Installation, Testing & Commissioning is to be completed within 4 months from the date of acceptance of the order
5.	* Acceptance of the order by successful bidder upon AOC : Within 10days from the date of issue of the PO/Order. If the acceptance communication is not received with in 10days. Then PO would be deemed as accepted and binding to the successful bidder.
6.	<u>Warranty Period:</u> 3 years from the date of supply & acceptance of the same. Any defects noticed in the items/components during the warranty period shall be rectified by the vendor immediately without any additional charges. In addition to above, vendor should do quarterly servicing and should submit Joint log Report, service reports during the warranty period.
7.	Bidders are requested to visit INCOIS for better understanding of Infrastructure installations and to understand the scope of the work more clearly before they submit their offers.
8.	<p><u>Payment Terms:</u></p> <ul style="list-style-type: none"> i. 70% of PO value will be released within 15 days against supply & acceptance of materials by INCOIS as per site requirement. ii. 20% of PO value will be released within 15 days after installation, commissioning and handing over of entire system. iii. Balance 10% of the PO value will be released after expiry of warranty/defects liability period of 3 years or on submission of BG for the said amount and applicable period. <p>In case of placement of order on CAMC: Payment will be released on half yearly basis, against submission of the invoice in triplicate (Original, Duplicate and Triplicate) along with service reports and subject to satisfactory performance.</p> <p><i>Net payment will be released after statutory deductions. No advance payment will be allowed and no other payment terms will be considered.</i></p>
9.	Tenders not in complete shape or not conforming to technical specifications or not confirming to terms and conditions are liable for rejection.
10.	<p><u>Earnest Money Deposit (EMD) :</u> An amount of Rs. 50,000/- has to be submitted by way of Demand Draft/Bank Guarantee/ NEFT/RTGS electronic transfer from any Nationalized Bank in favor of "Director, INCOIS payable at Hyderabad".</p> <p>The Scanned copy of the Demand Draft/Bank guarantee/UTR details is to be uploaded to the CPP Portal while submitting the offer. Bank guarantees should be obtained from any of the Nationalized bank of India with a validity of 6 months and should be sent by the issuing banker directly to the office of INCOIS, Hyderabad and must reach on or before 14 30Hrs of March 04, 2020. Offers received without EMD will be summarily rejected.</p> <p>The original DDs/BG/NEFT/RTGS transfer should reach to INCOIS on or before 14 30rs of March 04, 2020 i.e., before opening of the Technical Bid of the tender. Offers received without EMD will be summarily rejected.</p> <p>Vendors registered with Ministry of Micro Small and Medium Enterprises (MSME) /National Small Scale Industries Corporation (NSIC) are exempted from payment of EMD only if, the vendor is manufacturing /supplying/providing the servicing for the tendered products for this particular tender. A copy of valid</p>

	<p>registration certificate should be submitted along with the technical bid.</p> <p>This deposit will be free of interest. The EMD submitted by the unsuccessful bidder shall be returned to the respective bidder.</p>
11.	<p><u>Tender Document Cost:</u> Tender document can be downloaded from tender portal or our website on Free of Cost. However, if the bidder wishes to collect the tender document personally from our office (INCOIS, Hyderabad), needs to submit a written request letter along with a demand draft for an amount of Rs. 500/- issued by any Nationalized Bank in favour of "Director, INCOIS payable at Hyderabad".</p> <p>Vendors registered with Ministry of Micro Small and Medium Enterprises (MSME) /National Small Scale Industries Corporation (NSIC) are exempted from payment of Tender fee only if the vendor is manufacturing /supplying/providing the servicing for the tendered products for this particular tender. A copy of valid registration certificate should be submitted along with the technical bid.</p> <p>Tender fee/Tender document cost/DD received towards the tender is non refundable.</p>
12.	If any bidder withdraws his tender after price bid is opened, within the validity period or makes any modifications in the terms and conditions of tender, which are not acceptable to the INCOIS, then INCOIS shall without prejudice to any other right or remedy available to it, be at liberty to forfeit the entire or part of Earnest Money Deposit.
13.	<u>GST:</u> The bidder should specifically/particularly state GST if any applicable as extra and the rate at which the same are chargeable, failing which, the prices quoted, will be deemed to be inclusive of such levies. If a particular bidder is not registered under the GST Act, the prices quoted by him will be treated as net and inclusive of all taxes and statutory levies and that any future claims made by him for reimbursement of those levies on account of retrospective registration under the GST Act will in no circumstances be entertained by the INCOIS and that liability for payment of these levies will be wholly and exclusively that of the bidder quoting against our tender.
14.	Security Deposit: Successful bidder has to submit 05% of the Order value within 15 days from the date of receipt/dispatch of order towards Security Deposit by means of Demand Draft drawn in favor of Director, INCOIS payable at Hyderabad or Bank Guarantee from any Nationalized Bank valid for a period of 6 months. The EMD submitted by the successful tenderer shall be converted as Security Deposit and the balance amount required for 05% of order value to be submitted in the form of Demand Draft / Bank Guarantee for the purpose of fulfillment of the contract. This deposit will be free of interest and is refundable after the satisfactory execution of the contract and complete fulfillment of contractual obligations.
15.	Performance Guarantee: In case of placement order for CAMC, successful bidder has to submit 5% of the CAMC Order value towards Performance Guarantee by means of BG/Demand Draft drawn in favour of Director, INCOIS payable at Hyderabad or Bank Guarantee from any Nationalized Bank valid for a period of contract plus 60 days. This deposit will be free of interest and is refundable after the satisfactory execution of the contract and complete fulfillment of contractual obligations.
16.	<p>SD/PBG is liable to forfeiture in the event of :</p> <ol style="list-style-type: none"> Non execution of order during validity period of the contract If the service of the successful bidder is found to be unsatisfactory and fails to adhere to our tender terms and conditions. Any unilateral revision made by the successful bidder during the validity period of the contract.
17.	Please note that any falsification/suppression of information could lead to the disqualification from the tender.
18.	The successful bidder should commence the services immediately upon receipt/dispatch of the award of contract or from the date as decided by INCOIS and this will be binding on the bidder.
19.	If any loss or damage is caused to our property by your workmen, the cost of the same will be recovered from the agency/contractor
20.	Successful bidder has to submit the formal agreement in prescribed format on Indian non-judicial stamp paper worth Rs.200/- duly signed by authorised signatory within 30 days of receipt of order.
21.	The authorized person who signs the tender should indicate his/her e- mail ID and Telephone No. for prompt communication, if required.

22.	<u>Force Majeure Clause:</u> If the execution of the contract order is delayed beyond the period stipulated in the contract as a result on out-break of hostilities, declaration of an embargo's or blockage or fire flood, acts of nature or any other contingency beyond the supplier's control, Director, INCOIS may allow such additional time by extending the delivery period as he considers to be justified by the circumstances of the case and his decision shall be final, conclusive and binding. If and when additional time is granted by the INCOIS, the contract/supply shall be read and understood as if it had contained from its inception the delivery date as extended.
23.	Bidder shall carryout the work directly themselves till the completion of work and not through power of attorney.
24.	Preference to Make In India: Preference will be given to the eligible Make in India offered products meeting the tender specifications and tender conditions for this requirement.
25.	The bidder shall sign and upload the Bids with the exact name and address of the firm. The Only signed and stamped bids shall be uploaded by authorized officer of the firm.
26.	The acceptance of tender will solely rest with Director, INCOIS who does not bind himself to accept the lowest or any other tender. No reasons will be furnished for acceptance or rejection of any tender.
27.	Canvassing in connection with tender is strictly prohibited and any canvassing will render the bid of bidder ineligible.
28.	Director, INCOIS reserves the right to cancel the tender at any stage due to any technical /administrative reasons. The bidder shall not have any claim under what so ever reasons.
29.	INCOIS reserves the right to alter the scope/or reduce quantum of material supply/work, before/after issue of work order and bidder shall not have any claim whatsoever on this account. INCOIS also reserves the right to spilt the tender and award to separate bidder(s) if necessary and bidder shall not have any claim whatsoever on this account.
30.	<u>Termination Clause:</u> Director, INCOIS reserves the right to terminate the contract either whole or part of contract with one month notice.
31.	In case of any un resolved dispute or differences arising at any time between this Institute and the firm holding the contract, these shall be resolved in terms of the Arbitration and Conciliation Act 1996 and held at Hyderabad, Telangana only. Further, this contract is subject to laws of India alone.

9. Technical Clarifications:- INCOIS has made every effort to bring out the requirements to facilitate the Firms to make their proposals. However, keeping in view that Firms may require clarifications on certain points in this Document before submitting their Proposal, such queries or clarifications on tender document, if any, may be submitted by the firms (via e-mail) on or before 09 00 Hrs of 20.02.2020. Note: Firms may submit a consolidated query only once. e-mail: bvs@incois.gov.in & vijay@incois.gov.in; E-mail subject should be mentioned as "Queries on tender for " Supply, Installation, Testing & Commissioning of IP Based CCTV monitoring system along with 3 years standard warranty at ITCO Ocean Buildings of INCOIS, Hyderabad". All the clarifications will be consolidated and clarified to the bidders and corrigendum/addendum will be uploaded in tender portal and added in the tender column at INCOIS Web site (if required only).

10. Contact/Delivery Address:-

1) Head-CWG
Indian National Centre for Ocean Information Services (INCOIS) Ministry of Earth Sciences, Govt. of India, "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO)
Hyderabad - 500 090, T.S. India
Phone No.:040-23895005 / 23886005, Fax No.: 040-23895001 / 23892910
e-mail: bvs@incois.gov.in

2)Director
Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Govt. of India "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO)
Hyderabad - 500 090, T.S., India,
Fax: 040 2389 5001 / 23892910
e-mail: director@incois.gov.in

We have read and understood the above terms and conditions in detail and the same are accepted by us.

Signature of the Bidder/ Authorized Signatory & date

Name

OFFICE SEAL,

Address

Note: The bidder has to sign & stamp on all pages of tender document and upload the same.

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.

The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at:
<https://eprocure.gov.in/eprocure/app>.

REGISTRATION

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Click **here to Enroll**” on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision

of uploading such standard documents(e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders.

4. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
4. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the Tender Processing Section, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
5. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
6. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured. Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
10. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800-3070-2232.