

Bid Document

Bid Details	
Bid End Date/Time	24-12-2022 14:00:00
Bid Opening Date/Time	24-12-2022 14:30:00
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Sanskrit Education Department Group 6
Organisation Name	Jagadguru Ramanandacharya Raj Sanskrit University
Office Name	302026
Total Quantity	1
Item Category	CCTV System and Repairing
BOQ Title	CCTV CAMERA SETUP WITH INSTALLATION WORK
Minimum Average Annual Turnover of the bidder (For 3 Years)	4 Lakh (s)
OEM Average Turnover (Last 3 Years)	8 Lakh (s)
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	10 %
Bid to RA enabled	No
Type of Bid	Single Packet Bid
Time allowed for Technical Clarifications during technical evaluation	2 Days
Estimated Bid Value	600000
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Amount	12000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.50
Duration of ePBG required (Months).	12

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Registrar, Jagadguru Ramanandacharya Raj Sanskrit University, Jaipur
 Jagadguru Ramanandacharya Raj Sanskrit University, Jaipur - 302026,
 (Registrar, Jagadguru Ramanandacharya Rajasthan Sanskrit University, Jaipur)

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	No
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MII Purchase Preference

MII Purchase Preference	No
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
16-12-2022 13:00:00	Admin Block, Meeting Hall, JRRSU Jaipur

CCTV System And Repairing

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Dr. Sandeep Joshi	302026,village madau, post bhankrota, jaipur	1	30

Buyer Added Bid Specific Terms and Conditions

1. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

2. Service & Support

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

3. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

4. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

5. **Generic**

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

6. **Warranty**

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 5 years for the offered products at the rate not more than 10 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses One Year Warranty and Service Support..

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

Technical Specification

Specification of CCTV 8+4 CCTV Camera and Repairing Work

Sr.No	Feature	Specification	Compliance (Yes/No)
ITEM NO : 1	Dome Camera		
1	Image Sensor	1/2.8" progressive scan CMOS	
2	Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)	
3	Shutter Speed	1/3 s to 1/100, 000 s	
4	Slow Shutter	Yes	
5	Auto-Iris	No	
6	Day & Night	IR cut filter	
7	Digital Noise Reduction	3D DNR	
8	WDR	DWDR	
9	Focal length	4 mm or 6mm	
10	Aperture	F2.0	
11	Focus	Fixed	
12	IR Range	Up to 40 m	
13	Video Compression	H.265/H.264/MJPEG	
14	Video Bit Rate	32 Kbps to 8 Mbps	
15	Behavior Analysis	Line crossing detection, intrusion detection	
16	Region of Interest	1 fixed region for main stream	
17	Max. Resolution	1920 × 1080	
18	Main Stream Max. Frame Rate	25fps (1920 × 1080, 1280 × 960, 1280 × 720)	
19	Image Enhancement	BLC, 3D DNR, HLC	
20	Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	
21	Day/Night Switch	Auto, scheduled, day, night	
22	Alarm Trigger	Motion detection, video tampering alarm, illegal login	
23	Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP	
24	General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark	
25	API	ONVIF (PROFILE S), ISAPI	
26	Simultaneous Live View	Up to 6 channels	

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27	User/Host	Up to 32 users 3 levels: Administrator, Operator, and User
28	Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
29	Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
30	Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
31	Protection Level	IP67
32	Certificate	BIS,CE,FCC,UL

ITEM NO : 2	Bullet Camera	
1	Image Sensor	1/2.8" progressive scan CMOS
2	Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
3	Shutter Speed	1/3 s to 1/100,000 s
4	Slow Shutter	Yes
5	Digital Noise Reduction	3D DNR
6	WDR	DWDR
7	Focal Length	2.8 mm, 4 mm, 6mm
8	Aperture	F2.0
9	Focus	Fixed
10	IR Range	Up to 40 m
11	Video Compression	H.265/H.264/MJPEG
12	Video Bit Rate	32 Kbps to 8 Mbps
13	Behavior Analysis	Line crossing detection, intrusion detection
14	Region of Interest	1 fixed region for main stream
15	Max. Resolution	1920 × 1080
16	Max. Frame Rate	25fps (1920 × 1080, 1280 × 960, 1280 × 720)
17	Image Enhancement	BLC, 3D DNR, HLC

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18	Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
19	Day/Night Switch	Auto, scheduled, day, night
20	Alarm Trigger	Motion detection, video tampering alarm, illegal login
21	Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
22	General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
23	API	ONVIF (PROFILE S), ISAPI
24	Simultaneous Live View	Up to 6 channels
25	Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
26	Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
27	Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
28	Ingress Protection	IP67
29	Certification	BIS,CE,FCC,UL

ITEM NO : 3	NVR 4 Cannel and NVR 8 Channel	
1	Operating System	Embedded LINUX with GUI
2	Video input	Should support 4 and 8 IP cameras
3	Recording resolution	Support up to 12MP
4	Video output	Two independent HDMI outputs of 4K resolution 4096 × 2160 or Better, VGA: 1920 × 1080p
5	Incoming/outgoing bandwidth	320 Mbps / 256 Mbps or Better
6	Audio output	1-ch, RCA
7	Two-way audio	1-ch, RCA
8	Decoding format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG

9	Live view/Playback resolution	Support up to 12MP	
10	Synchronous playback	Up to 16 channels	
11	Network protocols	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS	
12	Onvif compatibility	Should be support third party IP cameras	
13	Video Content Analytics	Should be support	
14	SATA	2 SATA interfaces supporting hot-plug	
15	eSATA	1 eSATA interface	
16	Capacity	Up to 10TB capacity for each HDD	
17	Array type	RAID0, RAID1, RAID5, RAID6, RAID10	
18	Interface	4 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface ,RS-232; RS-485	
19	USB interface	2 x USB 2.0, 2 x USB 3.0	
20	Alarm in/out	4 x input / 4 x Output	
21	Power supply	100 to 240 VAC.	
22	Max. Power Consumption	≤ 140W without HDD	
23	Working temperature	0°C to +55 °C (+14 to +131° F)	
24	Working humidity	10% to 90%	
25	Certification	BIS,CE,FCC,UL	

Item no 4	Rack 6U		
1	Desired Specification/Qualitative Requirement		
2	6U, 19", 600 x 500 mm with Cam Lock		
3	Single steel sheet construction, wall Mount		
4	Front side tinted glass		
5	230 VAC fan on ceiling		
6	Front door lock & key		

7	19" mountable with min. 6 Nos. sockets of 5 Amp	
8	All necessary accessories for mounting	
9	02 Nos. 19" mountable Cable Manager	
Item no 5	HDD Surveillance 2TB and 4TB for Recording	
1	Built to record 90% of the time supports up to 12 cameras	
2	Up to 10 TB or 2,000+1 hours of HD video	
3	DVR ready drives deliver robust drive design for multi-drive environments	
4	180 TB/year workload rating, 3x the workload of a desktop drive and backed by a 3-year limited warranty	
Item no 6	Smart TV 42"	
1	In The Box	1N LED TV, 1N REMOTE, 1N MANUAL, 2N BATTERY, 1N WALLMOUNTING
2	Color	Black
3	Display Size	106 cm (42 inch)
4	Screen Type	LED
5	HD Technology & Resolution	Full HD, 1920 x 1080
6	Series	9A Series
7	Smart Tv	Yes
8	Motion Sensor	No
9	HDMI	3
10	USB	2
11	Wi-Fi Type	802.11a/b/g/n
12	Built In Wi-Fi	Yes
13	Launch Year	2021
14	Wall Mount Included	Yes
15	Video Features	
16	Brightness	500 nits
17	Contrast Ratio	500000:1 (Dynamic)
18	Analog TV Reception	Yes
19	Digital TV Reception	Yes

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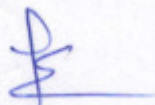
20	View Angle	178 Degree	
21	Panel Type	IPS	
22	Digital Noise Filter	Yes	
23	LED Display Type	LED	
24	Aspect Ratio	0.672916667	
25	Refresh Rate	60 Hz	
26	Supported Video Formats	MP4, MPEG, MPG, MKV, AVI, FLV, ASF	
27	Audio Features		
28	Number of Speakers	2	
29	Speaker Type	Box Speaker	
30	Sound Technology	No, No	
31	Speaker Output RMS	30 W	
32	Sound Mode	Standard, Music, News, Movie, Game, User	
33	Supported Audio Formats	MP3, MPEG1/2/2.5, AAC, HEAAC, ASF, WMA	
34	Smart Tv Features		
35	Number of Cores	4	
36	Processor	ARM Cortex-A53	
37	Graphic Processor	Mali-450MP3	
38	Ram Capacity	1 GB	
39	Storage Memory	8 GB	
40	Clocking Speed	1.4 GHz	
41	Supported App - Netflix	No	
42	Supported App - Youtube	Yes	
43	Supported App - Disney+Hotstar	Yes	
44	Supported App - Prime Video	Yes	
45	Supported Mobile Operating System	Android, iOS	
46	Operating System Present	Yes	
47	Operating System	Android	
48	Screen Mirroring	Yes	
49	App Store Type	Google Play Store	

50	Pre Installed Browser	Yes	
51	Wireless LAN Adapter	Yes	
52	Bluetooth	Yes	
53	Built In Wi-Fi	Yes	
54	3G Dongle Plug and Play	No	
55	Ethernet (RJ45)	1	
56	Connectivity Features		
57	HDMI	3 Rear	
58	USB	2 Side	
59	Digital Audio Output	Yes	
60	RF Connectivity Input	Yes	
61	RF Connectivity Output	Yes	
62	Remote Control Features		
63	Smart Remote	Yes	
64	Color Screen	Yes	
65	RF Capable	Yes	
66	Internet Access	Yes	
67	Battery Type	2 AAA Batteries	
68	Other Remote Control Features	Google Assistant Enabled Remote, Control Smart Home, Routines, Get Answers, Manage Tasks, HotKeys (Prime, YouTube, Sony Liv)	
69	Power Features		
70	Power Requirement	AC 100 - 240 V, 50/60 Hz	
71	Power Consumption	0.5 W (Standby)	
72	Convenience Features		
73	Clock	Yes	
74	Auto Power Off	Yes	
75	Sleep Timer	Yes	
76	Child Lock	Yes	
77	Parental Control	Yes	
78	Dimensions		

79	Width x Height x Depth (without stand)	954 mm x 540 mm x 90 mm	
80	Width x Height x Depth (with stand)	954 mm x 595 mm x 220 mm	
81	Additional Features		
82	Artificial Intelligence for Smooth Viewing Experience, Super Bright Display, Boosted Performance, Google Assistant, Data Saver, 5 GHz Dual Band Wi-Fi Support, Personalized Experience, Chromecast Built-in, Airplay		
83	Warranty Summary	1 Year Warranty on Product & 6 Months on Accessories	

ITEM NO : 7	Category 6 UTP, 4 Pair		
	Desired Specification/Qualitative Requirement		
1	This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801		
2	Construction: 4 twisted pairs separated by internal X shaped, 4 channel, polymer spine / full separator. Half shall not be accepted.		
3	The 4 pair Unshielded Twisted Pair cable		
4	Conductor Solid bare Copper and Jacket FR PVC and UL approved CM rated cable		
5	Insulation :High Density Polyethylene		
6	Dielectric Strength of cable should be 1.0KV dc		
7	Attenuation (< 17 db), Pair – to – pair and PS NEXT, ELFEXT and PSELFEXT, Return Loss, ACR and PS ACR.		
8	Bending Radius should be < 25.4mm at -20°C ± 1°C and Pulling Force: 11.5 Kg		
9	Nominal Outer Diameter of Cable should be 6.1 mm and Conductor Diameter 0.56 mm (23 AWG)		
10	Cable should support operating Temperature from -20° to +70°C		
11	Cable should come with printed sequential Length Counter on each meter		
12	Cable support Conductor Resistance < 9.38 Ω /100m		
13	Mutual Capacitance of cable should be < 5.6nF/100m		
14	Max Resistance Unbalance of cable should be 5% Max		
15	Capacitance Unbalance of cable should max 330pF/100m		
16	Cable support Delay Skew: < 45nS, Operating Voltage: 72V and NVP: 69%		
17	Category 6 UTP cables shall Supports Gigabit Ethernet (1000 base-T)		

Item no 8	4-Port POE Switch and 8-Port POE Switch with 02 Nos. Of SFP Port	
1	Switch Should Support 4 and 8, 10/100/1000BASE-T PoE , 4 SFP ports and RJ-45 console port	
2	Switch should support Operating Temperature -5 to 50 °C (23 to 122 °F)	
3	Switch Should Support Min. 56 Gbps Switching Capacity and Maximum 64 Byte Packet Forwarding Rate is 41 MPPS, 16K MAC address table.	
4	The Switch shall have the intelligence to detect the loop occurring from the unmanaged network segment. Dying Gasp for quick trouble shooting during power failures or system shut downs	
5	Switch Should Support IEEE 802.3af & at compliance (for PoE ports) and 193W Power Budget. All Gigabit Ethernet ports support IEC 61000-4-5 surge protection	
6	Switch Should Support IGMP Snooping v1, v2 and MLD snooping v1/v2	
7	Switch shall support IEEE 802.1AB Link Layer Discovery Protocol (LLDP) & LLDP-MED.	
8	Switch Should Support IEEE 802.3az Energy Efficient Ethernet (EEE) Power saving Technology, Power Saving by Link Status, Time-based PoE, System hibernation, Port shut off, Cable length detection Etc.	
9	Switch Should Support 4K VLAN ID's, Min 256 static VLAN , Multicast VLAN and Auto Voice & Video VLAN	
10	Switch Should Support Port Mirroring One to one/Many to One,	
11	Switch should support Quality of Service (QoS), 802.1p, Strict, Weighted Round Robin (WRR), Bandwidth Control.	
12	Switch Should Support IP interfaces, Static routing for inter-VLAN Communication	
13	Switch should support Access Control List (ACL), Port Base, MAC Base, IP Based, L2 & L3 ACL (IPv4 and IPv6) ITU-T G.8032 ERPS sub-50 ms protection and recovery	
14	Switch Should Support Security Features like Broadcast/ Multicast/ Unicast Storm Control, Traffic segmentation, TLS, DoS attack prevention, 802.1X Port-based Access Control , Port Security, ARP Spoofing Prevention, DHCP Server Screening, IP-MAC-Port Binding, ARP Inspection, DHCP Snooping.	
15	Switch Should Support 802.1X Authentication local/RADIUS database (IPv4 & IPv6), port-based access control, EAP, OTP, TLS, TTLS, PEAP and Support MD5 authentication	



16	Switch Should Support features Cable diagnostics, IPv4 & IPv6 Inspection, SSH v2 feature, 802.3x Flow Control and HOL Blocking Prevention	
17	Switch Should Support Management thru Web-based and CLI.	
18	Switch Should Support SNMP v1/v2c/v3, SNTP, ICMP v6, IPv4/v6 Dual Stack, Dual image, Dual configuration	
19	Switch should be supplied with the all necessary components like Power supply, Power cord, Console Cable, Rack-mount kit, Installation Guide, etc. and necessary software image file to fulfil all above mention feature set from day 1.	

Item no 9	Repair/replacement and re-installation of existing CCTV system including cables (CAT-6 & OFC) fiber splicing, media converter, LIU sets, P2P Link etc. Detail of work is as follows:	
1	(i) Repair/Replacement of 30 IP Camera including IP PTZ Camera.	
2	(ii) Checking/Testing of OFC approx 3000 mtr. Replacemens, OFC joint work and OFC splicing at verious place.	
3	(iii) Supply and installation of OFC related items i.e. patch cords, pigtails, LIU, etc	
4	(iv) Repair/Replacement of NVR	
5	(v) Repair/Replacement of HDD in the NVR	
6	(vi) Laying of new CAT-6 cable along with connectors and accessories.	
7	(vii) Repair/Replacement of POE Switches.	
8	(viii) Connectivity of cameras and NVR to existing display/monitor for viewing all cameras.	
9	(ix) Other items, accessories (HDMI cable, SMPS, Aduptor etc) and work, as required	
Scope of Work:-		
	1- Guidance & support for preparation of pre-installation work at installation sites.	
	2- Repair/Replacement and Re-installation of above quote material.	
	3- Supervision of installation, commissioning and training of above quote material.	
	4- Nearest Power Point, power socket and any work and/or item other than mentioned in this offer at site will be in buyer's scope.	
	5- Free check-up and software upgrade of Camera and NVR.	

6- Cherry picker, scaffolding, ladders and any other equipment, for working with safety, will be in client's scope and will be provided us for full time until work is finished/done.	
7- Camera Installation, Rack Mounting and Installation, TV Mounting, Laying with conduit, cable laying with conduit, RJ-45 Connector Box, Gang Box.	

BOM		
S. no	Items	QTY
1	Dome Camera	8
2	Bullet Camera	4
3	NVR 4 Cannel and NVR 8 Channel	2
4	Rack 6U	2
5	HDD Suvilence 2TB and 4TB for Recording	2
6	Smart TV 42"	1
7	Category 6 UTP, 4 Pair	4
8	4-Port POE Switch and 8-Port POE Switch with 02 Nos. Of SFP Port	2
9	Repair/replacement and re-installation of existing CCTV system including cables (CAT-6 & OFC) fiber splicing, media converter, LIU sets, P2P Link.	As Per Requirement item No 9

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ATC

To Pre-qualify all the CCTV OEM should satisfy the Eligibility Criteria mentioned below.

1	All systems and components must be in compliance with CE/ FCC/ UL/ BIS certifications.
2	All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system and systems and components shall have been thoroughly tested.
3	In case the OEM is not participating directly, bidder should be an authorized reseller or channel partner of the OEM. An authorization letter from the OEM need to be submitted in original.
4	The OEM for CCTV camera should have at least 800 employees on its payroll in India. This is to justify that CCTV OEM has made investment in India and is serious about its business in India which will ensure long term after sales support and spare support from the OEM. Bidder to produce documentary proof to establish the eligibility.
5	OEM should have own online-dedicated CCTV support center available during working hours and a fully equipped repair and maintenance office in India.
6	CCTV OEM should have presence in India for the past ten years with a service center and toll free number.
7	BIS certificate should be on name of quoted OEM factory.
8	OEM should have own factory in INDIA with ISO 9001:2008 and ISO 14001:2004 and ISO 45000 for manufacturing process. Documents need to be attached along with the bid. CCTV OEM should produce own INDIA factory license that prove OEM.
9	OEM should have CMMI level 3 certification.
10	Quoted CCTV OEM should be full / Affiliate / Contributing / member of ONVIF and same will cross check online in ONVIF website. OEM should give the declaration about full membership.
11.	We can ask for demo of all product.
12.	Brand should be registered in India.
13.	Bid should be MAF oriented
14.	SI/OEM should have office in Rajasthan. GST of SI/OEM to be submitted.
15.	SI/OEM should have prior experience of work.
16.	Site Inspection certificate must be arranged with visit date and time/done by the OEM/SI
17.	SI/OEM should have MSME Certificate.