



**JAIPUR VIDYUT VITRAN
NIGAM LTD.**



Request for Proposal

“Installation and Commissioning of IP based CCTV surveillance system in Sub-divisional Stores and ACOS on SAAS (System As a Service) model”

Tender ID No. 2017_JVVNL_TN-70



Purchaser:



Jaipur Vidyut Vitran Nigam Ltd (JVNL), Jaipur

**Office of the Superintending
Engineer (IT), JVNL, Jaipur**

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Abbreviations

S/N	Abbreviation	Full Form
1.	AEN	Assistant Engineer
2.	AMR	Automatic Meter Reading
3.	BPO	Business Process Outsourcing
4.	CCTV	Closed Circuit Television
5.	CE	Chief Engineer
6.	CRM	Customer Relationship Management Software
7.	CSA	Customer Service Associate
8.	CTI	Computer Telephony Integration
9.	CVC	Central Vigilance Commission
10.	DISCOM	Distribution Company (JVVNL)
11.	DOT	Department of Telecommunication
12.	DT	Distribution Transformer
13.	DVR	Digital Video Recorder
14.	EVO	Estimated value of orders
15.	FRT	Fault Rectification Team
16.	FTE	Full Time Equivalent
17.	FY	Financial Year
18.	GPS	Global Positioning System
19.	IEC	International Electrotechnical Commission
20.	ISDN	Integrated Services Digital Network
21.	ISO	International Organization for Standardization
22.	IT	Information Technology
23.	IVRS	Interactive Voice Response System
24.	JEN	Junior Engineer
25.	JVVNL	Jaipur VidyutVitrans Nigam Limited
26.	KPI	Key Performance Indicators
27.	L1	Lowest one
28.	LCV	Light Commercial Vehicle
29.	LOI	Letter of Interest
30.	LT	Low Tension
31.	MIS	Management Information System
32.	NC	No Current
33.	PBX	Private Branch Exchange
34.	PRI	Primary Rate Interface
35.	RFP	Request for proposal
36.	SAIDI	System Average Interruption Duration Index
37.	SAIFI	System Average Interruption Frequency Index

38.	SCADA	Supervisory Control and Data Acquisition
39.	SE	Superintending Engineer
40.	SLA	Service Level Agreement
41.	SMS	Short Message Service
42.	T&P	Tools & Plant
43.	TFT	Thin Film Transistor
44.	TRAI	Telecom Regulatory Authority of India
45.	XEN	Executive Engineer

NIT TN- 70

Reference No: TN - 70

Jaipur Vidyut Vitran Nigam Ltd. [“JVVNL”/ “Jaipur Discom”] invites bids from competent Agency for work “Installation and Commissioning of IP based CCTV surveillance system in Sub-divisional Stores / ACOS on SAAS (System As a Service) model.

The contract period shall be initially for 5 (five) years. The contract period may further be extended upto 2.5 years as per mutual agreement.

Mode of Bid Submission	Online through e-Procurement/e-Tendering system at http://eproc.rajasthan.gov.in
Tendering Authority	Superintending Engineer (IT) Jaipur Vidyut Vitran Nigam Ltd. Old Power House, Banipark, JAIPUR-302006.
Estimated cost of Project (Approx.)	Rs. 14.5 Cr for 5 years
Contact Persons	1) Ram Avatar Sharma SE (IT) Office: 0141-2205412 2) R. K. Sharma , XEN (IT).
Submission of Tender Document Fee (including GST @ 18%) in form of Banker’s Cheque/ Demand Draft or Online, with AO(IT&RE) in favour of AO(IT&RE), JVVNL, Jaipur (non-refundable), payable at Jaipur, Rajasthan Account details for Online Tender Fee Submission A/c No.- 51093320466 IFS Code – SBIN0031206 Bank- State Bank of India Branch- SBI Collectorate Branch Account Owner- AO(IT&RE), JVVNL	Rs: 5900/- before 21.11.2017 upto 2 PM
Submission Demand Draft for e-Tender Processing Fee (including GST @ 18%) with AO(IT&RE) in favour of M.D, RISL payable at Jaipur(non-refundable)	Rs: 1180/- before 21.11.2017 upto 2 PM
Submission of Earnest Money through DD in favour of AO(IT&RE), JVVNL or Bank Guarantee from schedule bank in	Rs. 21 Lakhs before 21.11.2017 upto 2 PM

the name of SE(IT),JVNL, JAIPUR.	
Publishing Date/Time	12.10.2017 at 5.00 pm
Last date of receipt of clarification/queries	-Within 10 days from date of uploading of tender document Up to 5.00 pm
Submission Date for Banker's Cheque/ Demand Draft / BG for Tender Fee, EMD, and Processing Fee.	The deadline for submission of these instruments is Bid Submission Deadline. The Bidder can submit these instruments before the deadline. The Bidder has to submit the same in hard copy and attach the scan of receipts with online bids.
Bid submission Last Date/ Time	22.11.2017 up to 2 PM
Date & Time of Opening of Technical Bids	22.11.2017 at 3 PM
Date & Time of Opening of Financial Bids	To be intimated later
Websites for downloading Tender Document, Corrigendum's, Addendums etc.	http://eproc.rajasthan.gov.in . http://www.jaipurdiscom.com
Bid Validity& EMD Validity	Bid Validity: 90 Days from the date of Financial Bid Opening EMD Validity: 180 days from date of Technical Bid opening. If required, the same shall be requested to be extended.

The prospective bidder should have the necessary competence, adequate financial standing, sufficient experience, expertise as per Qualification Requirement detailed in this document.

Before bidding under this bid, in order to avoid non-responsiveness of bid, bidder should ensure that:

1. They are qualified as per QR mentioned in this document
2. The offered solution meets the scope and functional requirement laid down in this document.

Scope of Work is detailed out in the subsequent sections of the RFP

NOTE:

1. The bid shall only be submitted through online tendering system of www.eproc.rajasthan.gov.in.
2. Bidders who wish to participate in this tender will have to register on <https://www.eproc.rajasthan.gov.in>. To participate in online tenders, Bidders will have to procure Digital Signature Certificate (Type – II or Type – III) as per Information Technology Act-2000 using which they can sign their electronic bids. Bidders can

procure the same from any CCA approved certifying agency i.e TCS, Safecrypt, Ncode etc. or they may contact e-Procurement Cell, Department of IT & C, Government of Rajasthan for future assistance. Bidders who already have a valid Digital Certificate need not to procure a new Digital Certificate.

Contact No. 0141 – 4022688 (Help desk of RISL - 10.00 AM to 6.00 PM on all working days)

E-mail: eproc@rajasthan.gov.in

Address: e-Procurement Cell, RISL, YojanaBhawan, Tilak Marg, C-Scheme, Jaipur.

3. Bidders should go through the website <https://www.eproc.rajasthan.gov.in> should refer to the website and go through the link “Help For Contractors”, “Information About DSC”, “FAQ” and “Bidders Manual Kit” and **Section-I** to know the process for submitting the electronic bids at the website.
4. The ‘Instructions to bidders’ and other terms and conditions of this tender pertaining to the bidding process generally follow the guidelines of e-tendering system of the government of Rajasthan, available at URL <https://www.eproc.rajasthan.gov.in>. However, wherever there is any anomaly between the conditions referred to in this tender document and the GoR e-tendering system, the latter shall be final.
5. The complete tender document has been published on the websites, www.jaipurdiscom.com and <https://www.eproc.rajasthan.gov.in> for the purpose of downloading.
6. The downloaded tender document shall be considered valid for participation in the bid process subject to submission of required Tender fees, e-Tender Processing Fee& EMD as mentioned in the NIT Section table. A copy of receipt of the tender fees, e-Tender Processing Fees & EMD must be enclosed along with the Technical bid/ proposal failing which the bid will be summarily rejected. The last date of submission of these Original instruments is mentioned in the NIT Table. The Bidder must take due care in submitting the instruments and collecting receipts from Jaipur Discom so that the Originals are submitted in hard copy and receipt scans are uploaded with the Technical Bid, before the Bid Submission Deadline.
7. All the communication/ correspondence including the bid document (Technical and Financial Bid) should be signed digitally by the Bidder. The Technical and Financial Bid which is uploaded on eproc portal must be signed and stamped on each relevant page by the designated Authorized Representative of the bidder. The name, designation and authority of the designated Authorized Representative of the Bidder shall be stated in the Bid.
8. No contractual obligation whatsoever shall arise from the tender document/bidding process unless and until a formal contract is signed and executed between the purchaser and the successful bidder(s).

9. JVVNL disclaims any factual/ or any other errors in this tender document (the onus is purely on the individual bidders to verify such information) and the information provided herein are intended only to help the bidders to prepare a logical bids.
10. Bids will be considered only in the prescribed manner. Bids not submitted in the prescribed format will be summarily rejected without further evaluation.
11. Copies of various documents to be enclosed along with the bids must be legible and be self-attested by the authorized signatory with official seal. Claims made by bidder related to the project experience and other requirements shall be considered only when appropriate supporting documents are provided.
12. All the communication/correspondence including the Bid (Technical and Financial Bid) must be signed and stamped on each page by the designated Authorized Representative of the bidder failing which the bid will be summarily rejected.
13. The Bids can be submitted up to date and time given as specified in the NIT Table.
14. The complete bidding process is defined in the tender document.
15. In case, a bidder imposes conditions which are in addition or at variance or in conflict with the terms and conditions as specified in this tender document, all such bids will be summarily rejected.
16. Tendering Authority reserves the complete right to accept or reject in part or full any or all the bids without assigning any reasons whatsoever. No further discussion/ interaction will be held with the bidders whose bids have been disqualified/ rejected by the tendering authority.
17. In case, a dispute arises with regard to interpretation/ omission/ error in this tender document, bid submitted, other documents; the decision of SE (IT), JVVNL, JAIPUR will be final and binding upon the bidders.
18. Interested bidders may obtain further information from the office of **The Superintending Engineer (IT), Jaipur Vidyut Vitran Nigam Ltd, Old Power House Banipark, Jaipur.**

Superintending Engineer (IT)

Jaipur Vidyut Vitran Nigam Ltd.
Old Power House, Banipark, JAIPUR-302006.



Introduction & Objective

1.1 About JVVNL

JAIPUR VIDYUT VITRAN NIGAM LIMITED (Jaipur Discom) is an undertaking of Government of Rajasthan engaged in distribution and supply of electricity in the jurisdiction of Jaipur Discom i.e. in 12 district of Rajasthan, namely Jaipur, Dausa, Alwar, Bharatpur, Dholpur, Kota, Bundi, Baran, Jhalawar, SawaiMadhopur, Tonk and Karauli.

Jaipur Discom manages stores for the inventory maintenance at 213 locations in 13 circles.

JVVNL intends to appoint a service provider having proven expertise & competence in the field of supply & installation of E-Surveillance System on OPEX model at 213 sub division stores spread across Jaipur Discom.

JVVNL desires to have security surveillance 24X7X365 availability with maximum uptime. It is, therefore, essential that the bidders providing the Surveillance Services having a high level of automation and infrastructure capable of providing such services by remotely capturing reasons for downtime, initiating appropriate remedial action for the same immediately and to deliver the desire availability of surveillance operations.

1.2 RFP Structure

JVVNL through this Request for Proposal (RFP), seeks to select a System Integrator (SI), with relevant experience and capabilities to design, procure/ develop, supply, implement, operate and maintain JVVNL- CCTV project, on operational model (outsourced model) as described in this RFP.

1.3 Definitions

‘Discom’ means Jaipur Vidyut Vitran Nigam.

‘RFP’ means this Request for Proposal prepared by JVVNL for Selection of service provider for Supply, Installation, and AMC for CCTV.

‘Bidder’ means a vendor submitting the proposal in response to this RFP.

‘Contract’ means the agreement signed by successful bidder and the Bank at the conclusion of bidding process, wherever required.

‘Proposal’ means that Technical/Financial proposal including any documents submitted by the bidder as per the formats prescribed in the RFP.

‘Successful Bidder’/‘L1 Bidder’ means the Bidder who secures the highest as per the evaluation criteria after conclusion of the bidding process, subject to compliance to all the Terms and Conditions of the RFP, etc.

Uptime means, the aggregate number of hours in any specified time period during which application /Service, is actually available for end consumers.

Incident refers to any event / abnormalities in the functioning of the application / hardware that may lead to disruption in normal operations of the DISCOM CCTV.

'Field Engineer' means Agent or Engineer or Maintenance Staff or support Engineers used interchangeably in this document.

'Stores' means Sub-divisional stores or ACOS where the CCTV system shall be installed.

'Camera' means CCTV **cameras or dome cameras or bullet camera or PTZ camera** which shall be subsequently installed in stores as per the actual requirement.

2.1 Project Context

JVVNL plans to implement a comprehensive Closed Circuit Television (JVVNL-CCTV) solution, thereby achieving the following amongst others:

- a. 24 X 7 CCTV camera surveillance
- b. Monitoring unauthorized access in stores during official hours and non-official hours.
- c. Making use of video evidences in dispute/ grievance resolutions
- d. Monitor proper maintenance of infrastructure in case of any suspicious activities

2.2 Objective

In order to enable JVVNL to meet aforementioned objectives, JVVNL proposes to avail the services of competent agency(ies) who will implement a comprehensive Closed Circuit Television (JVVNL-CCTV) solution on BOOR (Build Own Operate and Retain) basis for a period of 05 years in JVVNL.

The competent agency(ies) would establish a centralized monitoring system to all sub divisional stores, Sub-store, ACOS.

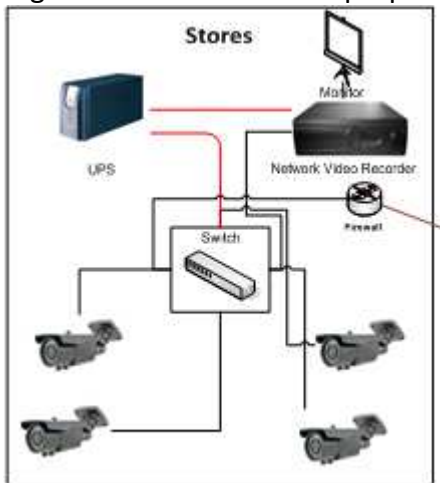
Jaipur Discom aims for following-

1. The plans include installation and commissioning of IP based CCTV Cameras on fully outsourced model.
2. 'Dome Camera' shall be preferred for Indoor surveillance purpose; 'Bullet Camera' shall be used for outdoor surveillance.
3. The surveillance system would be on a fully outsourced model, wherein the entire infrastructure required for setting up, implementing and maintaining the infrastructure including but not limited to, camera, recorder, other hardware setup, UPS, LED, maintenance, insurance, warranty of hardware, AMC and all other infrastructural needs and complete manpower requirement would be provided by the Selected Vendor to deliver services as per the specific scope outlined in this document.
4. Vendor shall also provide 24X 7 complaint number for the registration of complaints related to any service issues.
5. To enable JVVNL in the selection of a suitable organization for setting up & management of CCTV surveillance system in stores on fully outsourced model.

This RFP document is not a recommendation, offer or invitation to enter into a contract, agreement or other arrangement in respect of the CCTV surveillance system. The provisions of the CCTV are subject to appropriate documentation (signing of Contract) being agreed between "JVVNL" and the selected Vendor for the purpose.

2.3 Overall Architecture

High Level architecture of proposed CCTV solution is depicted below:



2.4 Functional requirement

1. The scope of the project is to implement IP based CCTV Surveillance Solution to monitor cameras installed at stores and sub division stores/ ACOS. The proposed CCTV system shall have following features:

- a. Video Capturing system
 - Indoor/ Outdoor Video Capturing
 - PTZ camera
 - Motion based video capturing
 - Tampering alert
 - Day and Night video capturing
 - Weather Proof
 - Video compression
 - Voice recording and
 - Video Capturing
- b. Local Video storage
 - Local Storage through Network Video recorder

2.5 Broad Scope of Work:

The broad scope of work to be undertaken by the agency is provided below:

2. SI shall responsible for complete procurement, installation, commissioning and maintenance of IP based CCTV surveillance system for all locations of JVVNL including the setting up of Local Control Room (LCR) at all locations for the period of 5 (five) years and extendable upto 2.5 years on **SAAS model (System As A Service) basis.**
3. CCTV system shall record and store the captioned video locally at store/sub-division store.

4. The SI shall responsible to capture and record the video feeds 24*7*365 for all 213 locations of JVVNL for the period of 5 years. If the number of locations is increased then the selected vendor shall claim on actual as per unit rate of each quantity such as per specification (per Indoor/Outdoor/PTZ Camera and per CCTV setup cost for each location).
5. SI shall responsible for complete implementation of complete setup of CCTV system such as all type of cameras, wiring, online UPS for each location, video recording setup, LED, Local Control Room (LCR) at each location, and any other item which shall part of CCTV system.
6. SI shall also responsible for the installation and implementation of CCTV system in such a manner that the complete area of store is captured in different viewing angles of cameras installed at each location for the monitoring and surveillance purpose.
7. SI shall be responsible for providing the CCTV surveillance software at Local Control Room (LCR) in JVVNL stores. Surveillance software shall have the capability of providing emails to designated officers of JVVNL on every downtime of IP based CCTV cameras.
8. SI shall responsible to provide on demand video feeds as and when asked by JVVNL.
9. All operating and maintenance expenditures shall be in the scope of vendor.

2.6 Installation and Commissioning of CCTV setup in Stores, Sub- division stores/ ACOS

2.6.1 Indoor IP based Fixed Dome Camera

- i. Installation and commissioning of Indoor Fixed Dome Camera as per technical specifications and implementation locations specified in this RFP.
- ii. Number of Indoor camera to be installed in local stores in such a manner that the view of complete stores is captured.

2.6.2 Outdoor IP based Fixed Bullet camera

- i. Installation and commissioning of Outdoor Fixed Bullet camera as per technical specifications and implementation locations specified in this RFP.
- ii. Number of Outdoor Fixed Bullet camera to be installed in stores in such a manner that the view of complete stores is captured.

2.6.3 Bullet PTZ Camera

- i. Installation and commissioning of IP based Bullet PTZ cameras as per technical specifications mentioned and locations specified in this RFP.
- ii. Number of Bullet PTZ Camera to be installed in stores in such a manner that the view of complete stores is captured.

2.6.4 Other CCTV setup

Other CCTV setup shall include the installation and commissioning of following items:

- i. Network Video Recorder
- ii. Complete Wiring
- iii. Connectivity for LCR
- iv. Online UPS for Local stores.
- v. LED for all Stores and sub- division stores / ACOS
- vi. Video Monitoring Software.
- vii. Manpower resources
- viii. Any other infrastructure

2.7 Connectivity

JVVNL shall be responsible for providing dedicated 4mbps internet broadband connectivity at all 213 locations of JVVNL Store and Sub Division stores/ ACOS. SI shall responsible for the end to end connectivity for the establishment Local Control Room (CCR) for each CCTV location (stores, sub- division stores/ACOS). SI shall also responsible for applying dedicated internet connection for server location on the name of JVVNL.

2.8 Technical Specifications

1. Indoor Fixed IP based Dome Camera

S/N	Parameter	Minimum Specification
1	Image sensor and Effective Pixels (Resolution)	1/2.8", 2megapixel, progressive scan, CMOS
2	Electronic Shutter	Auto/Manual, 1/6~1/100000 s
3	Day/Night	IR-cut filter with auto switch (ICR)
4	IR Range	30mtr
5	Automatic Gain Control	Automatic / Manual
6	Noise reduction	2D/3D
7	Frame Rate	25/30 FPS for 1920 x 1080
8	Codec	H.264/H.265, MJPEG or better
9	Lens	2.8mm/4.0 mm/6.0mm
10	Minimum Illumination	Colour: 0.02 Lux (F1.8, AGC ON) 0 Lux with IR
11	Video Streams	Dual
12	Interface	RJ-45 for 10/100 base-T Ethernet
13	Network Protocols support	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x protocols/Should meet all functional requirement of the project
14	Compliance	ONVIF Profile S compliant

15	Operational Temperature °C	0°C to 50 °C
16	Ingress protection	IP66
17	Power	PoE (802.3 af),DC12V
18	Certifications	CE, FCC, RoHS, UL
19	Surge protection	4KV

2. Outdoor IP based Fixed Bullet Camera

S/N	Parameter	Minimum Specification
1	Image sensor and Effective Pixels (Resolution)	1/2.8", 2megapixel, progressive scan, CMOS
2	Electronic Shutter	Auto/Manual, 1/6~1/100000 s
3	Day/Night	IR-cut filter with auto switch (ICR)
4	IR Range	30mtr
5	Automatic Gain Control	Automatic / Manual
6	Noise reduction	3D
7	Frame Rate	25/30 FPS for 1920 x 1080
8	Codec	H.264/H.265, MJPEG or better
9	Lens	4.0 mm/6.0mm
10	Minimum Illumination	Colour: 0.02 Lux (F1.8, AGC ON) 0 Lux with IR
11	WDR	Digital
12	HLC	Supported
13	Video Streams	Dual
14	Interface	RJ-45 for 10/100 base-T Ethernet
15	Network Protocols support	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x protocols/Should meet all functional requirement of the project
16	Compliance	ONVIF Profile S compliant
17	Operational Temperature °C	0°C to 50 °C
18	Ingress protection	IP66/IP67
19	Power	PoE (802.3 af) , DC12V
20	Certifications	CE, FCC, RoHS, UL
21	Surge protection	4KV

3. Bullet PTZ Camera

S/N	Parameter	Minimum Specification
1	Image sensor and Effective Pixels (Resolution)	1/2.8" Progressive Scan CMOS
2	Min. Illumination	Color:0.002Lux@F1.2 0 Lux with IR on
3	WDR	120 dB or better
4	Electronic Shutter	1/100000s~1/5s
5	Day/Night	ICR Filter Auto Switch
6	Iris	Auto/Manual, F1.8
7	Lens	6~50 mm motorized Autofocus lens or better
8	Field of View	59.4°~5.1°(Wide-Tele)
9	Minimum working Distance	59.4°~5.1°(Wide-Tele)
10	Aperture	F1.6~F2.8
11	IR Range	Up to 60m or better
12	Pan & Tilt	Integrated/External outdoor pan tilt head for bullet camera, should support control via camera interface, Tilt range:'- 45°~30°; Pan range:360°endless; Pan speed:0.2°~60°/s; Tilt Speed:0.2°~30°/s, Pan Preset Speed 100°/s; Tilt Preset Speed 60°/s
13	Preset Quantity	255
14	Patrol for pan tilt head	8 Patrols, up to 48 presets each patrol
15	Pattern	4 Patterns
16	Power Loss Recovery	Support
17	PTZ Position Display	ON/OFF in camera interface
18	3D Positioning	Support
19	Max. Image Resolution	1920x1080 or better
20	Primary Stream	30fps@(1920x1080, 1280x960, 1280x720, 704x576)

21	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)
22	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176)
23	Video Compression	H.265(HEVC)/H.264/MJPEG
24	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
25	Image Setting	Brightness/Contrast/Saturation/Sharpness
26	Ethernet	1*RJ45 10M/100M Ethernet Port
27	Network Storage	NAS(Support NFS, SMB/CIFS)
28	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN
29	Audio Compression	G.711/AAC
30	Audio I/O	1/1
31	Alarm I/O	1/1
32	Storage	Support microSD/SDHC/SDXC, Local Storage, up to 128G
33	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI, Anti-fog
34	SIP/VoIP Support	Yes, Voice & Video-over-IP
35	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.
36	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone
37	System Compatibility	ONVIF Profile S
38	Working Temperature	-30°C~60°C
39	Working Humidity	0~90%(Non-condensing)
40	Power Supply	DC 12V, 2A
41	Power Consumption	11.5W MAX 15.5W MAX (With IR on)
42	Weather Proof	Up to IP66-rated for Weather-resistant Performance

4. 8 Channel Network Video Recorder

S/N	Parameter	Minimum Specification
1	Video Inputs	8 IP Cameras with min. 1080p
2	Camera Support	ONVIF Compliant
3	Video Output	1 HDMI,1 VGA OUT

4	Display Resolution	Min. 1920×1080,1600×1200,1280×720
5	Video Compression	H.264, H.265
6	Throughput	Incoming: Min. 80 Mbps Outgoing: Min. 80 Mbps
7	Recording Resolutions	1920x1080, 1280x720
8	Trigger events	Alarm in, Audio detection, Motion Detection.
9	Performance	Up to 8 channel synchronous playback
10	Internal	SATA HDD x 2 (supplied with 2x8 TB HDD)
13	Audio Communication	Two way
14	Audio In/out	1/1
15	Audio Compression Support	Yes
16	USB	Min. USB 2.0 x1 /2.0 x1
17	Certification	CE, FCC, RoHS, UL
18	Chassis	Rack mountable

5. LED for local stores / sub stores

Sl. No	Specification parameter	Requirements
1	Screen Size	20"-22" or better
2	Type	LED
3	Aspect Ratio	16:09
4	Resolution	720p
5	Colour System	PAL
6	Contrast Ratio	1000:1 or better
7	Connectors	HDMI, VGA
8	Colour Depth	18-bit colour (16 Million)
9	Input Voltage	150-240v
10	Operating temperature	0°- 40°c or better
11	Power supply	inbuilt or external
12	Accessories	Accessories for Wall mount and Desktop required

6. Online UPS

1 KVA Online UPS

S.No.	PARAMETER	REQUIRMENT
	Type	1 KVA Online UPS, inbuilt Transformer for output.
1	AC input voltage	170 – 260 V or better
2	Output Voltage	AC 230v (+/- 5%)
3	Output wave form	Pure sine wave output
4	Backup time	Minimum1 hours or more
5	Battery Type and capacity	Battery type and capacity will be calculated by the tenderer depend upon the requirement of 1 hours back up for full load of 1 KVA online UPS for 0.8 pf (i.e 800 watts load / hour x 1 hours)
6	Protection	Over load, output short circuits
7	Audible alarm	required for EB supply ON/ OFF
8	Visual Indicators	Mains on, low battery, over load
9	Certification	The quoted UPS model should have IEC 62040 compliance test certificate or equivalent from accredited laboratories of International organizations or Indian Government (BIS or NABL or ETDC)
10	ISO certification for OEM	The OEM should have ISO 9001:2008 and ISO 14001:2004 certificate.
11	Stand	Suitable Acid Proof Stand for Battery and UPS
12	Installations	As per site requirement

7. Video Monitoring Software

1. Access of each camera installed in Stores, Sub Division Stores/ ACOS.
2. User Based access through Login Credentials.
3. Zoom- in, Zoom out facility
4. Real Time Live/ Play Back
5. Support Alarm Push with Live/ Play/ Image
6. Support H.265/H.264/ MPEG-4/JPEG Decoding
7. Alarm push with 3 different types enables you to acquire instant messages for what happened in monitoring environment.
8. Self-add cameras on to the imported E-Map to easy get target video & realize easy device management.

9. Play Back
10. Maximum channels can be opened when video play back is 16
11. Features: Snap shot, Record, Faster/ Slower Play, Play Next Frame, Cut
12. Alarm Push
13. Alarm Type: Motion Detect, Camera masking, Local alarm, Disk alarm (no disk, Low space, disk Error), Face detection, IVS alarm
14. Push Type: Video, Live, Image.
15. Minimum System requirements:
 - a. Android 3.0 and above, IOS 8.0
 - b. CPU and processor: i5 6th Generation
 - c. RAM: 4 GB or above
 - d. HDD: 1 TB
16. Reporting tool to generate real time following system generated reports:
 - a. List of Total number of active cameras out of total installed cameras store wise.
 - b. List of authorized users
 - c. System generated based on set alarms
 - d. System generated reports for levied penalty.
17. - User Management
18. - Provision of add/ delete/ update user
19. - Change Password
20. - Provision to provide user based privileges, if any

2.9 Implementation locations

The video surveillance system envisaged to cover identified locations.

Sr.No	CIRCLE NAME	SDO NAME
1	SE- TONK	AEN(A-2,NEWAI)
2	SE- TONK	AEN(A-2,TONK)
3	SE- TONK	AEN(O&M, MALPURA)
4	SE- TONK	AEN(O&M,DEOLI)
5	SE- TONK	AEN(O&M,TDRS)
6	SE- TONK	AEN(O&M,UNIARA)

7	SE-Alwar	AEN(O&M ,Ramgarh)
8	SE-Alwar	AEN(O&M, Bansur)
9	SE-Alwar	AEN(O&M, Behror)
10	SE-Alwar	AEN(O&M, Govindgarh)
11	SE-Alwar	AEN(O&M, K.G.Bass)
12	SE-Alwar	AEN(O&M, kathoomar)
13	SE-Alwar	AEN(O&M, Khairthal)
14	SE-Alwar	AEN(O&M, Kherli)
15	SE-Alwar	AEN(O&M, Kotkasim)
16	SE-Alwar	AEN(O&M, Laxmangarh)
17	SE-Alwar	AEN(O&M, Malakhera)
18	SE-Alwar	AEN(O&M, Mandan)
19	SE-Alwar	AEN(O&M, Mundawar)
20	SE-Alwar	AEN(O&M, Neemrana)
21	SE-Alwar	AEN(O&M, Rajgarh)
22	SE-Alwar	AEN(O&M, Reni)
23	SE-Alwar	AEN(O&M, Tapookara)
24	SE-Alwar	AEN(O&M, Tehla)
25	SE-Alwar	AEN(O&M, Thanagazi)
26	SE-Alwar	AEN(O&M, Tijara)
27	SE-Baran	AEN (O&M, ATRU-I)
28	SE-Baran	AEN(A-2 Baran)
29	SE-Baran	AEN(O&M, Anta)
30	SE-Baran	AEN(O&M, Chhabra)
31	SE-Baran	AEN(O&M, Chipabarod)
32	SE-Baran	AEN(O&M, K.Ganj)
33	SE-Baran	AEN(O&M, Mangrol)
34	SE-Baran	AEN(O&M, Shabad)
35	SE-Baran	AEN(O&M,Harnawada Shahji)
36	SE-Baran	AEN(ONM,Seeswali)
37	SE-Baran	AEN(Rural,Atru-2)
38	SE-Bharatpur	AEN(A-3, Bharatpur)
39	SE-Bharatpur	AEN(O&M) Pahari
40	SE-Bharatpur	AEN(O&M, Bayana)
41	SE-Bharatpur	AEN(O&M, Chokarwada)
42	SE-Bharatpur	AEN(O&M, Deeg)
43	SE-Bharatpur	AEN(O&M, Kaman)
44	SE-Bharatpur	AEN(O&M, Kumber)
45	SE-Bharatpur	AEN(O&M, Nadbai)
46	SE-Bharatpur	AEN(O&M, Nagar)
47	SE-Bharatpur	AEN(O&M, Roopbas)
48	SE-Bharatpur	AEN(O&M, Uchhain)
49	SE-Bharatpur	AEN(O&M, Weir)
50	SE-Bundi	AEN(A-2, Bundi)
51	SE-Bundi	AEN(O&M, Hindoli)
52	SE-Bundi	AEN(O&M, K.Patan)
53	SE-Bundi	AEN(O&M, Lakheri)

54	SE-Bundi	AEN(O&M, Nainwa)
55	SE-Bundi	AEN(O&M, Talera)
56	SE-Dausa	AEN (A-1, Lalsot)
57	SE-Dausa	AEN (A-2, Lalsot)
58	SE-Dausa	AEN(A-2,DAUSA)
59	SE-Dausa	AEN(Nagal Rajawatan)
60	SE-Dausa	AEN(O&M, BANDIKUI)
61	SE-Dausa	AEN(O&M, BASWA)
62	SE-Dausa	AEN(O&M, MAHUA)
63	SE-Dausa	AEN(O&M, Sikandra)
64	SE-Dausa	AEN(O&M, SIKRAI)
65	SE-Dholpur	AEN(O&M) Saipua
66	SE-Dholpur	AEN(O&M, Bari)
67	SE-Dholpur	AEN(O&M, Baseri)
68	SE-Dholpur	AEN(O&M, Rajakhera)
69	SE-Dholpur	AEN(Rural), Dholpur
70	SE-Jhalawar	AEN(J.Patan, Rural)
71	SE-Jhalawar	AEN(Jhalawar Rural)
72	SE-Jhalawar	AEN(O&M, Aklera)
73	SE-Jhalawar	AEN(O&M, Bakani)
74	SE-Jhalawar	AEN(O&M, BhawaniMandi)
75	SE-Jhalawar	AEN(O&M, Dug(V))
76	SE-Jhalawar	AEN(O&M, Khanpur)
77	SE-Jhalawar	AEN(O&M, Sunel)
78	SE-Jhalawar	AEN(O&M,Manoharthana)
79	SE-Jhalawar	AEN(O&M,Pirawa)
80	SE-Jhalawar	AEN(O&M,Ratlai)
81	SE-Jhalawar	AEN(O&M,Sarokalan)
82	SE-JPDC,Jaipur	AEN(A-2, Chomu)
83	SE-JPDC,Jaipur	AEN(Indstr. Area, bagru)
84	SE-JPDC,Jaipur	AEN(O&M, Bagru)
85	SE-JPDC,Jaipur	AEN(O&M, Chaksu)
86	SE-JPDC,Jaipur	AEN(O&M, Dudu)
87	SE-JPDC,Jaipur	AEN(O&M, Govindgarh)
88	SE-JPDC,Jaipur	AEN(O&M, Jaitpura)
89	SE-JPDC,Jaipur	AEN(O&M, Jobner)
90	SE-JPDC,Jaipur	AEN(O&M, Kotputali)
91	SE-JPDC,Jaipur	AEN(O&M, Paota)
92	SE-JPDC,Jaipur	AEN(O&M, Phagi)
93	SE-JPDC,Jaipur	AEN(O&M, Radawas)
94	SE-JPDC,Jaipur	AEN(O&M, RENWAL)
95	SE-JPDC,Jaipur	AEN(O&M, Sambhar)
96	SE-JPDC,Jaipur	AEN(O&M, Sanganer Rural)
97	SE-JPDC,Jaipur	AEN(O&M, Shahpura)
98	SE-JPDC,Jaipur	AEN(O&M, VIRAT NAGAR)
99	SE-JPDC,Jaipur	AEN(O&M, Bassi)
100	SE-JPDC,Jaipur	AEN(O&M, Badpeepli)

101	SE-JPDC,Jaipur	AEN(O&M, Jamva Ramgarh.)
102	SE-JPDC,Jaipur	AEN(O&M, Kanota)
103	SE-JPDC,Jaipur	AEN(O&M, Kunda Ki Dhani, Amber)
104	SE-JPDC,Jaipur	AEN(O&M,Bichoon)
105	SE-JPDC,Jaipur	AEN(O&M,Kaladera)
106	SE-JPDC,Jaipur	AEN(O&M,Kalwar)
107	SE-Karauli	AEN(A-2, HINDAUN)
108	SE-Karauli	AEN(A-2,KARAULI)
109	SE-Karauli	AEN(O&M,MAHAVIR JI)
110	SE-Karauli	AEN(O&M,NADOTI)
111	SE-Karauli	AEN(O&M,SAPOTARA)
112	SE-Karauli	AEN(O&M,TODABHIM)
113	SE-Kota	AEN (O&M-R), KOTA
114	SE-Kota	AEN(O&M, Bapawar)
115	SE-Kota	AEN(O&M, Chechat)
116	SE-Kota	AEN(O&M, Itawa)
117	SE-Kota	AEN(O&M, Kaithoon)
118	SE-Kota	AEN(O&M, Kanwas)
119	SE-Kota	AEN(O&M, R.Mandi)
120	SE-Kota	AEN(O&M, Sangod)
121	SE-Kota	AEN(O&M, Suket)
122	SE-Kota	AEN(O&M, Sultanpur)
123	SE-SWM	AEN(A-2,SWM)
124	SE-SWM	AEN(A2-Gangapur city)
125	SE-SWM	AEN(O&M, BONLI)
126	SE-SWM	AEN(O&M, Chauth Ka Barwada)
127	SE-SWM	AEN(O&M, KHANDAR(KDR))
128	SE-SWM	AEN(O&M,BAMANWAS(BMWS))
129	SE- TONK	AEN(A-1,NEWAI)
130	SE- TONK	AEN(A-1,TONK)
131	SE-Alwar	AEN(A-1, Alwar)
132	SE-Alwar	AEN(A-2, Alwar)
133	SE-Alwar	AEN(A-3, Alwar)
134	SE-Alwar	AEN(A-4, Alwar)
135	SE-Alwar	AEN(A5,Alwar)
136	SE-Alwar	AEN(O&M, Bhiwadi)
137	SE-Alwar	AEN(O&M,MIA)
138	SE-Baran	AEN(A-1 Baran)
139	SE-Bundi	AEN(A-1, Bundi)
140	SE-Dausa	AEN(A-1,DAUSA)
141	SE-Dholpur	AEN(A-1, Dholpur)
142	SE-JCC	AEN A-I, NALA POWERHOUSE
143	SE-JCC	AEN A-II, BHANKROTA
144	SE-JCC	AEN A-III, SHASTRI NAGAR
145	SE-JCC	AEN A-IV, VAISHALI
146	SE-JCC	AEN A-V, BINAYAKA
147	SE-JCC	AEN B-I, RAMBAGH

148	SE-JCC	AEN B-II, RESIDENCY
149	SE-JCC	AEN B-III, GANDHI NGR
150	SE-JCC	AEN B-IV, DURGAPURA
151	SE-JCC	AEN B-V, Nirman Nagar
152	SE-JCC	AEN C-I, INDIRA MARKET
153	SE-JCC	AEN C-II, SANJAY MARKET
154	SE-JCC	AEN C-III, M.I.ROAD
155	SE-JCC	AEN C-IV, KHASA KOTHI
156	SE-JCC	AEN D-I, JAWAHAR NGR
157	SE-JCC	AEN D-II, ADARSH NGR
158	SE-JCC	AEN D-III, MALVIYA NGR
159	SE-JCC	AEN D-IV, PURANA GHAT
160	SE-JCC	AEN E-I, JANTA MARKET
161	SE-JCC	AEN E-II, RAMGANJ
162	SE-JCC	AEN E-III, NAHARI KA NAKA
163	SE-JCC	AEN E-IV, AMBER
164	SE-JCC	AEN E-V, BRAHAMPURI
165	SE-JCC	AEN F-I, SITAPURA
166	SE-JCC	AEN F-II, MANSAROVER
167	SE-JCC	AEN F-III, SANGANER
168	SE-JCC	AEN F-IV, PRATAP NAGAR
169	SE-JCC	AEN F-V, JAGATPURA
170	SE-JCC	AEN G-I, VKIA
171	SE-JCC	AEN G-II, VIDYADHAR NAGAR
172	SE-JCC	AEN G-III, MURLIPURA
173	SE-JCC	AEN G-IV, JHOTWARA
174	SE-Jhalawar	AEN(O&M, J.Patan)
175	SE-Jhalawar	AEN(O&M, Jhalawar)
176	SE-JPDC,Jaipur	AEN(A-1, Chomu)
177	SE-Karauli	AEN(A-1,HINDAUN)
178	SE-Karauli	AEN(A-1,KARAULI)
179	SE-SWM	AEN(A-1,GANGAPUR)
180	SE-SWM	AEN(A-1,SWM)

2.10 Implementation Plan

- a. The SI shall prepare an implementation plan for the entire project. The SI needs to prepare and submit plan.
- b. The acceptance of the implementation plan by JVVNL is necessary before proceeding to the next stage of the project.

2.11 Implementation of CCTV Solution

1. SI shall perform a detailed assessment of CCTV system requirements for each location mentioned in the RFP, users and provide the services in conformance with the SLA and growth in transactions during the project life cycle.
2. Local Control Room (LCR) at each store / sub division store. The required space for establishing the LCR will be provided by JVVNL for the successful bidder.

3. JVVNL shall responsible to provide basic following infrastructure for the establishment of LCR at each mentioned location:
 - a. Electricity
 - b. JVVNL shall assist SI for the documentation formality and any liaison work related to connectivity shall be the responsibility of SI
 - c. Power backup as per actual requirement.
 - d. Lighting and aesthetics
4. Successful bidder shall be responsible to care of and to ensure:
 - a. Indoor/Outdoor/PTZ CCTV Cameras
 - b. CCTV setup
 - c. UPS – as per actual requirement at sub divisional stores/ ACOS/Sub-store.
 - d. Electrical layout
 - e. Passive networking
 - f. 20-22” LED for each location
 - g. Setup of LCR
 - h. Furniture
 - i. Any other infrastructure requirements.

2.12 Location Survey Requirements

1. SI shall do the survey of each location to analyze the actual number of cameras required for each location so that the propose of effective monitoring with wide coverage of each entry / exit and the covered indoor/ outdoor area of store and sub division store.
2. SI shall submit the survey report to JVVNL with number of indoor/ outdoor cameras, required and other CCTV setup required for each location.

2.13 Backup Services and Retention Policy

1. SI shall responsible to perform backup and restore management for 90 days from the date of video footage.
2. Cost for additional storage tapes / media for more than 90 days if required, shall be borne by JVVNL on actual requirement for each site.
3. SI shall ensure prompt execution of on-demand backups & restoration of volumes, files and database applications whenever required.
4. SI shall responsible to generate and share backup reports periodically and submit to JVVNL.
5. Periodic restoration testing of the backup as per the policy and procedure defined by JVVNL.

2.14 Training

1. As part of this initiative, the SI would provide training to identify JVVNL officials before Go-Live.
2. SI shall bear the cost of training and trainer; however, cost of travelling of participants for attending the training will be borne by JVVNL.

2.15 Monitoring of SLA's

SI will provide web based SLA Monitoring Tool

1. SI shall implement the SLA monitoring system to measure performance against each of the service levels listed under SLAs specified in this RFP.
2. SI shall ensure that proposed SLA monitoring system can calculate the eligible compensation to the SI on a monthly/quarterly basis, including the penalties as specified in the SLA.

SI needs to submit a performance report as per the periodicity defined in the SLA of this RFP. This report should contain the following:

1. Actual versus target against each parameter defined in the service levels
2. Net EQI post deduction of penalties (if applicable)

2.16 Operations and Maintenance from the date of go-live

The SI should operate and maintain the entire solution components for a period of 5 (Five) years from the date of go-live. JVVNL may extend the operations and maintenance phase up to two and half (2.5) years.

As part of the operations and maintenance services, the SI shall provide support for the software, hardware, and other infrastructure that are in the scope of this RFP.

SI shall provide comprehensive support that includes

1. Replacement of faulty Indoor/ outdoor/PTZ camera and any other CCTV setup within 5 business days.
2. Warranty support for all the hardware procured as part of this RFP including back to back support where OEM is offering the same such as LED, Software, System etc.
3. Operations and maintenance services for the entire solution, including for all the components installed at various locations.
4. Centralize Help Desk for complaints at Discom head quarter.
5. Periodic reporting
6. Application Maintenance and Support Services
7. O&M for licensed software
8. Warranty support for the IT hardware(if any)

2.17 Minimum BOM:

The below minimum quantity is on assumption that SI shall do the survey or assess the actual quantity to be installed at each location. It has been assumption n that the below table will be the minimum requirement for each implementation location which shall increase/decrease based on survey/assessment of SI.

Sr.	Description	UoM	Quantity per location	Total Qty
Camera Requirement for each location				
1.	IP based 2 MP Indoor Dome Camera	Nos.	2	426
2.	IP based 2 MP Outdoor Bullet Camera	Nos.	2	426
3.	IP based 2 MP PTZ Bullet Camera	Nos.	1	213
Other Infrastructure for each location				
4.	8 channel Network Video Recorder with Monitoring Software	Nos.	1	213
5.	20-22" LED monitor for display	Nos.	1	213
6.	6U Network Rack	Nos.	1	213
7.	Online UPS 1KVA	Nos.	1	213

Any additional items/ component shall be paid to SI based on the per unit cost of setup of each site such as

- per unit cost of Indoor camera/Outdoor camera/PTZ/NVR/UPS/LED
- per unit cost for the setup of each site.

2.18 Implementation Approach

Implementation approach is as followings:

Geographical Scope	>Jaipur Discom– Jaipur >All sub divisional stores and ACOS (CCTV camera and other associated peripherals)
Indicative Timeline for Go-live	3 Months from Award of Project
O&M Period	5 (Five) years– Extendable up-to 2.5 years

2.19 Project Time Lines

The high level project timelines and key deliverables are provided below:

Sl. No	Deliverable / Milestone	Timeline
1.	issue of Lol/ issue of work order / Contract signing / (whichever is earlier)	T – effective date
2.	Survey Report, Inception report and System Design Documents	T+ 15 days

3.	Installation and commissioning of LCR at 2 sample locations (2 stores / sub division stores) along with the approval from JVVNL for the complete rollout of IP based CCTV system.	T + 30 days
4.	Complete installation and commissioning of IP based cameras at all locations (stores and sub division stores).	T +60 days
5.	Training of Video Monitoring software to JVVNL officers, submission of user manual and other reference material.	T+80 days
6.	Go-Live of JVVNL IP based CCTV solution	T+90 days
7.	Stabilization period	T + 120 days
8.	Operations and maintenance	5 years from date of Go-Live i.e. (T+90) days + 5 years.

3. Qualification Requirements (QR)

Only Vendors, who qualify the Eligibility Criteria mentioned below, may respond. The proposal may be submitted by an individual firm (single party) meeting all the requirements or by a valid consortium of not more than 2 parties.

3.1 Pre – Qualification guidelines

1. The invitation for bids is open to all entities registered in India who fulfill qualification criteria as specified in this document.
2. Bidders declared to be ineligible to participate for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices by JVVNL Discom, shall not be eligible.
3. Bidders whose EMD was forfeited by JVVNL Discom on serious/ grave grounds i.e. submission of false/ forged/ tampered/ fabricated/ manipulated documents/ information at any occasion during last five years from the date of issue of RFP, shall not be qualified.
4. Breach of general or specific instructions for bidding, general and special conditions of contract with Jaipur Discom during the past 5 years may make a firm ineligible to participate in the bidding process.
5. Jaipur Discom intends to consider only those bidders that have the capability and competency, in terms of experience, technical strengths and financial stability to address the requirements of JVVNL to implement the JVVNL-CCTV project.
6. Wherever the customer name is asked for, in experience or deliverables, the bidder is required to provide the name. Not providing the name of the customer will be treated as incomplete information and will affect the evaluation process.

3.2 Pre- Qualification Criteria for bidders

Sl. No.	Criteria	Documents to be submitted
	For Bidder	
1)	Bids can be submitted by an individual firm or joint ventures/ consortium of two firms/Companies incorporated under applicable Companies Act / Partnership Firm incorporated under applicable Partnership Act.	Self-Declaration along with the following: <ul style="list-style-type: none">• Copy of Self-Attested Incorporation Certificate in case of Company• Copy of Self-Attested Partnership Deed• Copy of Self-attested latest Income Tax Return
2)	The Bidder/ Lead Bidder and Consortium Partner should have not been black listed by any of Ministry of Govt. of India/ Rajasthan Govt, And of	Self-Declaration for No Blacklisting on the appropriate stamp paper.

	any other state / Department/ Corporations/ Undertakings/ Institutions/ PSUs/ etc. at the time of bidding.	
3)	The Bidder should have a minimum average annual turnover of Rs. 70 lakhs in last three Financial Years (2014-15, 2015-16, 2016-17).	Copy of the audited statement of accounts (P&L Account & Balance Sheet) duly certified by the Chartered Accountant along with certificate stating the Turnover, shall be submitted as a proof. If final accounts of FY 2016-17 are not available provisional certificate duly certified by CA shall be submitted as a proof. Adequate proofs as mentioned above duly certified by Chartered Accountant to be provided.
4)	The Bidder should have direct authorization form the OEM for selling and supporting the equipment offered.	Manufactures Authorization Form.
5)	The Bidder should have the experience of having successfully completed similar works during last 6 years ending last day of month previous.	The Bidder shall submit copy of purchase / work order and completion certificate from client.
6)	The bidder should have valid ISO 9001:2008 or equivalent certificate as on bid submission date.	Copy of valid ISO 9001:2008 or equivalent certificate. Note: In case of consortium bid, the above document is to be submitted by the prime bidder and consortium partner.
7)	The Bidder should have direct certifications from the OEM for selling and supporting the equipment offered	Submit Certifications of CE, FCC, RoHS, UL.
	For OEM	
8)	OEM of proposed equipment/ components should have their own registered office in India under applicable Companies Act / Partnership Firm incorporated under applicable Partnership Act.	Undertaking & copies of supportive documents from the bidder confirming the compliance along with the OEM authorization.
9)	OEM or its subsidiary company or sole authorized distributor should have office in Rajasthan. Or OEM/ Subsidiary Company / Sole authorized distributor to give	Relevant proofs / under takings

	undertaking for opening of office in Rajasthan within 2 months of agreement with successful bidder.	
10)	All the proposed equipment should not be declared End –of –Support by the OEMs for next 7 years and should not be end of production for next one (1) year from the date of bid submission.	Certificate/ Affidavit / Self Declaration form must be submitted.
11)	OEM or through its authorized system integrator should have supplied at least 2000 No., IP Cameras of their make / brand in Rajasthan for any Govt. Department for multi-location surveillance	Bidder to submit the copy of work order and performance certificate.
12)	OEM or its subsidiary company or sole authorized distributor should have sales and support office in India	Relevant Proofs.
13)	OEM of video surveillance software, IP Cameras, N/W equipment's should support within 5 business days' delivery against defective spares in all stores in Jaipur.	Declaration by OEM on their letterhead.
14)	All Active Components for the project i.e., Cameras, NVR, Software, etc. should be from same OEM. This is done to have better and faster integration between all products and is mandatory for the success of this project.	Self-declaration by the Bidder on their letterhead.

The Bidder must possess following credentials prescribed as Pre-Qualification Criteria. If any bidder fails to fulfil the Qualification Requirement (QR), his bid will be treated as non-responsive and no further correspondence/clarification will be taken into consideration for the same.

TECHNICAL EVALUATION OF EQUIPMENT AND ACCESSORIES:

All bidders have to successfully demonstrate the proposed solution with in the 30 days from the date of call letter for Poc. JVVNL is not liable to pay/reimburse any type of cost incurred by the bidders pertaining to the PoC.

During PoC all bidders are required to deploy full system of one site of the quoted system at the location specified by JVVNL.

For PoC the quoted make and model products are only allowed for technical evaluation , if any products are found to be changed or replaced it will not be considered.

The POC shall be done to showcase the requirements of the said system(s) as specified under the scope of work and in compliance to the technical specification as laid down in this tender.

If the bidders are not complying with the above or do not attend the evaluation within the date mentioned in the call letter, it is construed that the bidders are not willing to participate in the tender process and the bidders are deemed to be disqualified from the tender process or decision will be taken accordingly. The image quality of the camera output should be satisfactory. Dramatising of images, change of original colours in image output should be treated as not meeting the specification.

The tenderer should appoint technically qualified representatives for evaluation. He/ She should have the complete knowledge of installing, trouble shooting and to explain the functions of all the items of the project during evaluation to the technical team. The representatives are authenticated by the tenderer and they display their ID cards also during evaluation on demand. Further the tenderer should come for evaluation or send an authorized decision making person (with authorization letter from the tenderer) on behalf of the tenderer to sign the evaluation documents on the same day of completion of evaluation.

The person should actively participate in evaluation and should not involve in any other duties during the evaluation. The person should come with company seal and designation seal (if available) for the evaluation. The evaluation will be conducted during day time and after 6 PM to whole night also (for testing the minimum illumination level, IR operation of camera). The tenderer should cooperate with the technical evaluation team for the same.

Non-compliance of any above procedure will be summarily rejected.



Instruction to Bidder

4. Instructions to Bidder

4.1 GENERAL INSTRUCTIONS

- Tendering authority will receive bids in respect of services as set forth in the accompanying Tender document.
- All bids shall be prepared and submitted in accordance with terms and conditions of this Tender Document.
- The Bidder, in his own interest is requested to read very carefully these instructions and the terms and conditions as incorporated in General Conditions of Contract and Technical specification before filling and submitting the Bids.
- If the bidder has any doubt as to the meaning of any provisions or any portion thereof, he shall before submit the Bid, may refer the same to the Tendering Authority in writing, well in time before the specified date of opening of Bids so that such doubts may be clarified.
- Submission of the Bid shall be deemed to be the conclusive proof of the fact that the Bidder has acquainted himself and is in agreement with all the instructions, terms and conditions governing this Tender document unless otherwise specifically indicated/ commented by him in his Bid.
- Bids submitted after the time and date fixed for receipt of bids as set out in the invitation to Bid shall be rejected and returned to the bidders.
- The works referred herein shall cover the entire scope of the proposal mentioned at section 2 for the installation, commissioning and having centralize IP based access of based Indoor/ outdoor IP cameras in JVVNL Hq.

4.2 FIELD CONDITIONS

- The geographical conditions of the Jaipur Discom is not same and have different terrain. The proposed installation and commissioning of IP based cameras shall include the Divisional Stores, Sub-divisional stores / ACOS mentioned in the list of implementation locations at section 2.6.
- The bidder may in its own interest, before submitting the bid, inspect and examine the area involved for installation and commissioning of indoor and outdoor IP based cameras.
- For ascertaining the existing system, condition's etc., the agency may contact the Tendering Authority.
- No claim from Bidder or Agency for change in the bid or terms & conditions of the contract shall be entertained on the ground that the conditions are different than what were contemplated by them at the time of submitting the bids.

4.3 SUCCESSFUL IMPLEMENTATION AND GOOD PERFORMANCE

- Any work if specifically, not mentioned but reasonably implied for the successful implementation and good performance of the proposed work is deemed to be included and has to be executed within the ordered price.

4.4 PREPARATION OF BIDDING DOCUMENT

(i) Earnest Money Deposit (EMD)

- a. The Bidder shall furnish EMD as prescribed in NIT section.
- b. The Bidder shall **deposit/submit** the EMD in prescribed format to the Accounts Officer (IT&RE), JVVNL, Jaipur within the stipulated date & time, and obtain a receipt.
- c. Bid uploaded but not accompanied by a copy of the receipt for depositing EMD shall be rejected and the Bid will not be opened.
- d. In case of bidders who are declared as non-responsive, EMD will be refunded on production of the original receipt within 15 working days after opening of financial bid.
- e. Adjustments/proposals for acceptance of EMD, if any, **already** lying with the Discom in connection with some other bids/orders shall not be entertained. Also, the Discom will not adjust the EMD under this tender with the previous dues of bidder if any.
- f. No interest shall be payable on EMD.
- g. Jaipur Discom reserves the right to forfeit EMD, if successful bidder either has not accepted the work order or not completed the contractual requirement within the specified period.

(ii) Tender Document Fee & Tender Processing Fee

- a. The bidders are permitted to download the bid document from websites <https://www.eproc.rajasthan.gov.in>, www.jaipurdiscom.com but must pay the cost of Tender document fee and e-Tender processing fee as mentioned in NIT table within the stipulated date & time in the office of Accounts Officer (IT&RE), Jaipur and obtain acknowledgement thereof. Such processing fee shall be sent to RISL by AO (IT&RE).

4.5 CLARIFICATIONS AND AMENDMENTS & DEVIATION FROM TENDER DOCUMENT

(i) CLARIFICATIONS TO THE TENDER DOCUMENT

- Verbal clarifications and information given by the Discom or his employee(s) or his representative(s) shall not in any way be binding on the owner.
- The bidder is required to carefully examine the Terms & Conditions including specifications of this Tender document and fully inform himself as to all the terms and conditions which may in any way affect the Work or the cost involved thereof.

(ii) CLARIFICATIONS TO THE BID

- To assist in the examination, evaluation, comparison and post qualification of the bids, the Tendering Authority may, at its discretion, ask any bidder for a clarification of his bid. The Tendering Authority's request for clarification and the response shall be in writing or e-mail of the Authorized Signatory of the Bidder.
- Any clarification submitted by a bidder with regard to his bid that is not in response to a request by the Tendering Authority shall not be considered.

- No change in the prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the tendering authority in the evaluation of the Bids

(iii) AMENDMENT OF TENDER DOCUMENT

- At any time prior to the deadline for submission of the Bids, if the Tendering Authority deemed it necessary to amend the Tender document, it shall do so by issuing appropriate Corrigendum/Addendum.
- Any Corrigendum/Addendum issued shall be a part of the Tender document and shall be published on the website of Jaipur Discom & e-proc portal.
- To give prospective Bidders reasonable time to take a Corrigendum/Addendum into account in preparing their Bids, the tendering authority may, at its discretion, extend the deadline for the submission of the Bids.
- Any change in date of submission and opening of bids would be published through Jaipur Discom's website and e-proc portal.

(iv) DEVIATION FROM BID DOCUMENTS

- The bidder should comply all requirements set out in the bidding document and NO TECHNICAL and COMMERCIAL Deviation shall be entertained.
- The Bids with Deviation from the requirement laid down in this document shall be considered as NON Responsive.
- The offer must have 'No Deviation' certificate as per bid document.

4.6 SUBMISSION AND OPENING OF BIDS

(i) COST OF BIDDING

The Bidder shall bear all the risks and costs associated with the preparation and submission of its Bid, and the Tendering Authority shall not be responsible or liable for those risks and costs, regardless of the conduct or outcome of the bidding process.

(ii) LANGUAGE OF BIDS:

The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Tendering Authority, shall be written only in English Language.

(iii) BIDS ARE TO BE SUBMITTED IN TWO PARTS

The Bid shall be submitted within the specified time on <https://www.eproc.rajasthan.gov.in> in electronic format in the following manner:

Part- A (Technical Bid): will contain

- a) Cover 1: Fees (to be uploaded in pdf format)
 - (i) Copy of receipt of submission of Tender document fees
 - (ii) Copy of receipt of submission of Tender processing fee
 - (iii) Copy of receipt of submission of EMD (DD & BG)

- b) Cover 2: Techno-Commercial Bid (to be uploaded in pdf format):
- (i) Complete Technical Bid comprising information in specified formats and schedules (Except the price schedule) including details & design of the proposed system(s) to meet out the work requirement together with its capabilities.
 - (ii) Supporting documents to ascertain the eligibility / qualification as per the QR requirements of this tender
The Tendering Authority may require any bidder to furnish the documents in original or copy duly attested by Notary as the case may be for verification, in physical form on short notice of three working days.

Part- B (Financial Bid): will contain

- a) The Financial Bid is to be submitted in excel file of BOQ.

Note:-

- The Financial Bid shall be for the scope of work defined for this project.
- The Financial Bid will be opened only for the Bidders shortlisted on the basis of Technical Bid.
- The date of opening of such Financial Bids will be intimated on the eproc website

4.7 SUBMISSION OF PROPOSALS

- Bidder shall submit their bid in electronic format, which shall be digitally signed and further signed & stamped on each page by the designated authorized representative of the Bidder. Bidder shall procure Digital Signature Certificate (DSC) as per the provisions mentioned in Note 2 of the NIT table.
- **Physical submission of bids is not allowed.** If asked by Tendering Authority the bidder is required to submit original technical bid in hardcopy which shall be the exact replica of online bid submitted. In case of any discrepancy between online and hardcopy Bid, the Bid submitted online shall prevail.

(i) FILLING OF BIDS

- a. Bids shall be submitted on e-portal with the formats and schedules given in the Tender document duly filled in. The completed formats and schedules shall be considered as part of the contract documents in case the same Bidder becomes Successful Bidder. The Bids which are not in conformity to the schedules and formats of the Tender document, may not be considered.
- b. No alteration should be made to the format and schedules of the tender document. The Bidder must comply entirely with the Tender document.
- c. Tender should be filled in only with ink or typed and must be submitted online after signing digitally.
- d. All additions, alterations and over-writing in the bid must be clearly signed by the authorized representative of the bidder otherwise bid shall be summarily rejected.
- e. The bidder must quote the prices strictly in the manner as indicated herein, failing which bid is liable for rejection. The rate/prices shall be entered in words as well as in figures. These must not contain any additions, alterations, over-writing, cuttings or

corrections and any other marking which leave any doubt and further may result in rejection of such Bid.

- f. The Tendering Authority will not be responsible to accept any cost involved in the preparation or submission of bids.
- g. All bids and accompanying documents shall be addressed to SE(IT), Jaipur Discom.

(ii) ALTERNATIVE BIDS

- a. Alternative bids shall not be considered at all.

(iii) BID PRICES

- a. All the prices should be quoted only in Indian Rupees (INR) Currency.
- b. The prices quoted in BOQ.xls should be exclusive of service tax / GST and other government levies as applicable. The present rates of applicable taxes shall be indicated by the bidder in its Bid, which is subject to statutory variation and shall be borne by Discom.
- c. The bidder will furnish the break-up of the quoted price in Financial Bid according to the Format for Financial Bid Submission, indicating rate and type of each tax clearly, as per the rates prevailing within 7 days before the bid date. Any statutory variation and imposing of new tax by government subsequent to bid submission/currency of Contract shall be on Discom account.
- d. The quantity of indoor and outdoor/PTZ cameras required to be installed and commissioned in the field may increase or decrease. However, the payment shall be made as per the actual quantity, and
 - actual no of indoor and outdoor/PTZ cameras installed,
 - actual no of CCTV setup installed in the field.
- e. Any other costs for the setup of centralize IP based access shall be the part of bid price. No extra payment will be provided other than the 3 categories mentioned above.

4.8 PERIOD OF VALIDITY OF BIDS

- The bid validity period is provided in the table mentioned in the NIT section. Bids mentioning a shorter validity period than specified are likely to be summarily rejected.
- Tendering Authority may ask for extension in validity period. The Bidder will be at liberty to accept it or not. In case Bidder agrees to extend the validity period without changing his original offer, he will be required to extend validity period of the Bank Guarantee submitted against the EMD suitably.

4.9 SIGNATURE OF BIDDER

- The bid must contain the name, address and place of business of the Bidder and must be signed and sealed by the designated Authorized Representative of the Bidder. The name of such person should also be typed or printed below the signature.
- Bid by a partnership firm must be furnished with full names of all partners.
- Bids by corporation/ company must be signed by the Authorized representative of the Bidder with the legal name of the corporation/ company.

- Satisfactory evidence of authority (Power of Attorney) of the person signing on behalf of the Bidder shall be furnished with the bid.
- The Bidder's name stated on the proposal shall be exact legal name of the firm.
- Bids not conforming to the above requirements of signing shall be disqualified.

4.10 DELAY IN BID SUBMISSION

- The tendering authority shall not consider any bid that arrives after the deadline for submission of bids as indicated in the NIT. Any bid received by the tendering authority after the deadline for submission of bids shall not be accepted.

4.11 RECEIPT OF BIDS

- Bids shall only be received through <https://www.eproc.rajasthan.gov.in> website.

4.12 WITHDRAWAL, SUBSTITUTION AND MODIFICATION OF BIDS

- A Bidder may substitute or modify its bid after it has been submitted before the deadline prescribed for submission of bids as per the e-tendering process but bidder cannot withdraw his bid after submitting it once.

4.13 BID OPENING

- Jaipur Discom shall perform the Bid opening at the specified place, date and time in the presence of bidders or their authorized representatives who may choose to be present.
- Only the bids of those bidders who qualifies post the Technical Bid evaluation shall be eligible for Financial Bid opening. The date and time of Financial Bid opening to the technically qualified Bidders would be intimated later.

4.14 EVALUATION AND COMPARISON OF BIDS

The evaluation of bids will be made in the following two stages:

1st stage: Technical Bid Evaluation –

- a. **Qualification Requirement** - Each bid shall be evaluated to ascertain the qualification of bidder with respect to the requirements laid down in this RFP.
- b. **Technical Proposal** - Technical proposal shall be complete in all respect as mentioned in Technical Proposal section of this document. Incomplete bids will be treated as Non Responsive.

The bidders who qualify the stage 1 shall be short listed for opening of financial offer.

2rd Stage: Financial Bid Evaluation

- a. The Financial Bids which are opened shall be evaluated.
- b. The Purchaser will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- (i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (iii) If there is a discrepancy between words and figures, the amount in words shall prevail. However, where the amount expressed in words is related to an arithmetic error, the amount in figures shall prevail subject to (i) and (ii) above.
 - (iv) If there is a discrepancy between percentage and figures related to various taxes or levies, the percentage shall prevail over figure mentioned. However, where the amount expressed in percentage is related to an arithmetic error, the amount in figures shall prevail subject to (i) and (ii) above. It should also be noted that at time of payment against, the prevailing tax/levy rates will be used as on the date of approval of payment
 - (v) Except as provided in sub-clauses (i) to (iv) herein above, Tendering Authority shall reject the Price Proposal if the same contains any other computational or arithmetic discrepancy or error.
- c. If the Bidder does not accept the correction of errors, its Bid shall be disqualified and its EMD shall be forfeited
- d. The bids will be evaluated and awarded as per the evaluation criteria that “The Bidders having lowest financial quote during Financial Bid Evaluation shall be considered as the L1 Bidders”.
- e. The EMD of the other technically qualified Bidders shall be returned within 15 working days from the date of signing of Contract by the Discom with the successful Bidder.

4.15 CONFIDENTIALITY

- Information relating to the examination, evaluation, comparison, and post qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until publication of the Contract award.
- Any attempt by a bidder to influence the tendering authority or other officials of Discom in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions shall result in the rejection of his bid.
- From the time of Bid opening to the time of Contract award, if any Bidder wishes to contact the Tendering Authority on any matter related to the Bidding process, he is allowed to do so in writing.

4.16 NON-MATERIAL NON-CONFORMITIES

- Provided that a bid is substantially responsive, the Tendering Authority, to rectify omission in the bid related to requisite documents may request the bidder to submit the necessary information or documentation provided that the required information was in existence as on date of opening of bid. No new information created after opening of bid shall be considered.

4.17 DISQUALIFICATION

- Tendering authority may at its sole discretion and at any time during the processing of bid, disqualify any bidder/ bid from the bid process on following grounds:
 - (i) Any action on the part of the bidder to revise the rates/prices and modification in technical or commercial substance of Bid, at their own.
 - (ii) Submission of any supplementary information unless & otherwise asked for at his own instance after the opening of the Bid may result in rejection of the Bid and also debar him from submission of Bid to the Discom at least for one year.
 - (iii) In case of bidder not adhering to the format of financial offer given with this document the bid / offer may be rejected / non-responsive.
 - (iv) In case of any misapprehension at bidder level which may lead to wrong price bidding, Discom reserve the right to reject the bid or take necessary loading / unloading to arrive the correct price as per aspersion of Discom / tender specification. Accordingly, the bidders are advised to ask to clarify about any misapprehension before bidding. No excuse shall be considered in this regard.
 - (v) Does not meet the Qualification Requirement (QR) as mentioned in the bidding document.
 - (vi) During validity of the bid or its extended period, if any, increases his quoted prices.
 - (vii) Has imposed conditions in his bid.
 - (viii) Has made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements.
 - (ix) Has submitted bid which is not accompanied by required documentation and EMD/Tender document fees/Processing fees.
 - (x) Submission of incomplete or vague technical proposals will be treated as Non Responsive.

Note: Bidders may specifically note that while processing the bid documents, if it is found, expressly or implied, that some bidders may have compounded in any manner whatsoever or otherwise joined to form a cartel resulting in delay/ holding up the processing of bids then the bidders so involved are liable to be disqualified for the contract as well as for a further period of two years from participation in any of the bids floated by any department, Govt. of Rajasthan.

4.18 AWARD OF CONTRACT

- a. After the selection of the Successful Bidder by the Tendering Authority within the validity period of Bid, shall inform such Bidder in writing by issuing Letter of Intent (LOI).
- b. The Successful Bidder shall send an acknowledgement the LOI to the Discom, post which Discom shall prepare and send a detailed work order to the Successful Bidder. In case, the Successful Bidder refuses to accept LOI, and not intent to perform the scope of work, the offer shall be rejected with forfeiture of its EMD and order may be placed to L2 bidder (provided he accepts the prices offered by L1 bidder).
- c. Discom shall issue Work Order to the Successful Bidder requiring him to do the following things within specified timeline. If the Bidder fails to do the following things within specified timeline, EMD of such Bidder may be forfeited and Tendering Authority of Discom may consider the next ranked bidder.
 - (i) Written Letter of Acceptance of Work Order along with duly signed and sealed copy of such Work Order as token of such acknowledgement within 7 working days.
 - (ii) Submission of Performance Guarantee as required to be submitted under the Contract within 15 working days.
 - (iii) Signing of the Contract (based on the terms & conditions of this Tender Document) with the Discom within 15 working days after issue of Contract format by Discom to the Successful Bidder. In case any of the party (Discom and the Successful Bidder) is unable to sign the Contract within 15 working days, it shall inform the other party in advance regarding the same along with the reason and suitable time for signing of the Contract.
- d. Decision on bids shall be taken within original validity period of offers. If the decision on acceptance or rejection of a bid cannot be taken within the original bid validity period due to unavoidable circumstances, all the bidders shall be requested to extend validity period of their bids up to a specified date. It is discretion of bidder to accept the extension or not. Those bidders who do not accept shall be discontinued from the bid process and their EMD may be refunded.
- e. Until a formal Contract is prepared and signed, the Work Order/ LOI shall constitute a binding Contract.

4.19 SIGNING OF CONTRACT

- The successful bidder will, on receipt of Work Order from the Discom enter into a contract with the DISCOM by jointly signing the Contract.
- The Contract will be signed within fifteen days thereafter. The person to sign the Contract must be duly authorized by the Bidding entities.

4.20 RESERVATION OF RIGHTS

- To take care of unexpected circumstances, Tendering Authority shall reserve the rights for the following:
 - (i) Extend the last date & time for submission of the bids.
 - (ii) Amend the Tender Document at any time prior to the last date & time of submission of Bids.
 - (iii) To reject any bid without assigning any reasons.

- (iv) Terminate or abandon the bidding procedure or the entire project whether before or after the receipt of bids.
- (v) Seek the advice of external consultants to assist Jaipur Discom in the evaluation or review of bids.
- (vi) Make enquiries of any person, company or organization to ascertain information regarding the bidder and its bids.
- (vii) Reproduce for the purposes of the procedure the whole or any portion of the bids despite any copyright or other intellectual property right that may subsist in the bids.

Note: Direct or indirect canvassing on the part of the Bidder or his representative would be a ground for disqualification of such Bidder from this process.

4.21 LACK OF COMPETITION

- A situation may arise where, after evaluation of Bids, the Tendering Authority may end-up with one responsive bid only. In such a situation, the **Tendering authority** shall act as **per RTPP Rule 2013, CLAUSE 68, "Lack of Competition"** will be applicable and accordingly measures will be taken.

4.22 GENERAL

- a. Discom does not bind itself to accept the lowest or any bid or any part of the bid and shall not assign any reason(s) for the rejection of any bid or a part thereof.
- b. The fact of submission of bid to the Jaipur Discom shall be deemed to constitute an agreement between the Bidder and the Discom whereby such bid shall remain open for acceptance by the Discom and Bidder shall not have option to withdraw his offer, impair or derogate the same. If the Bidder is notified during the period of validity of bid that his bid is accepted by the Discom, he shall be bound by the terms of agreement constituted by his bid and such acceptance thereof by the Discom, until formal contract of the same bid has been signed between him and Discom in replacement of such agreement.
- c. The successful bidder will have to sign the contract agreement for the proper fulfilment of the contract. In case of ambiguous or contradictory terms and conditions mentioned in the Tender Document/ Bid, interpretations as may be advantageous to Discom may be taken, if satisfactory clarification is not furnished within the prescribed period.
- d. Discom will not be responsible for any cost or expenses incurred by the bidder in connection with preparation or submission of bids.
- e. Jaipur Discom reserves the right to:
 - a. Reject or accept any bid.
 - b. Cancel the bid process and reject all applications.
 - c. Jaipur Discom shall neither be liable for any action nor be under any obligation to inform the bidders of the grounds for any of the above actions.

4.23 SPECIAL CONDITIONS of TENDER

- a. The system to be deployed under this contract shall be SOA (Service Oriented Architect).
- b. All the middleware in the form of Hardware, software & cabling required for such integration is part of scope of Work and included in the cost offered.

- c. If the services of the vendor are not as per the awarded work for three consecutive months after commencement of work then Discom will have liberty to terminate the contract.
- d. The Service provider shall maintain the confidentiality of data base. A separate NDA (Non-Disclosure agreement) shall be signed by the service provider.
- e. All the required license, license updates / Licenses renewal / AMC of Licenses, Hardware AMC, software updates, software Change request, mobile application updates, updating is the responsibility of vendor within the quoted price till currency of contract.
- f. The system shall have provision to send EMAIL, Alerts etc., in case the system is not available for more than 10 minutes.
- g. SI shall be responsible to replace the faulty Camera device within 3 business day and for other items within 5 business days. If the other device essential for the continuous video recording, then the same faulty device should be replace within 3 business day. Overall SI is responsible to ensure that the continuous video recording is always available for surveillance purpose. In this scenario, one business day will be treated as forced measure and penalty will be levied after that.



Terms and conditions

5. Terms and Conditions

The Terms and Conditions of the contract shall prevail and shall be binding on the Agency and any change or variation expressed or impressed howsoever made shall be in operative unless expressly sanctioned by the Jaipur Discom. The Bidder shall be deemed to have fully informed himself and to have specific knowledge of the provisions under terms and Conditions of this Tender Document mentioned hereunder:

5.1 DEFINITION OF TERMS

- a. In constructing these general conditions and the annexed specification, the following words shall have the meaning here in assigned to them unless there is anything in the subject of context inconsistent with such construction. "Jaipur Discom" shall mean the Jaipur Vidyut Vitran Nigam Limited or JVVNL, represented by Chairman/Managing Director and shall include their legal personal representative, successors and assignees.
- b. The "Bidder" shall mean and include one or more persons or any firm or any company or body in corporate who has submitted the tender in response to "Invitation of Tender".
- c. The "Agency / Contractor / successful bidder" shall mean the Bidder whose Bid has been accepted by Discom and shall include its heirs, legal representative, successors and assignees approved by the Discom.
- d. The "Chairman/Managing Director" shall mean the Chairman/Managing Director, Discom.
- e. The "Engineer" shall mean the Chief Engineer, Dy. Chief Engineer, Superintending Engineer, Executive Engineer, Assistant Engineer, Discom or other Engineer or Officer for the time being or from time to time duly authorized and appointed in writing by the customer to act as engineer or Inspector for the purpose of the contract. In case where no such engineer has been so appointed, the word "Engineer" shall mean the Discom or his duly authorized representative.
- f. "Works" mean and include the work or works to be done by the Agency under the contract.
- g. The "Contract" shall mean and include the following:
 1. Notice Inviting Tender
 2. Complete Tender document including its amendments if any.
 3. Bid submitted by bidder.
 4. EMD.
 5. Letter of Intent and its acknowledgement.
 6. Security Deposit/ Performance Guarantees.
 7. Detailed Work order.
 8. Addenda that may hereafter be issued by the Discom to the Agency in the form of letter and covering letters and schedule of prices as agreed between the Agency and the Discom.
 9. The agreements to be entered as per Tender Document.
 10. Requisite Power of Attorney in favour of the authorized signatory of the Bidder.

- h. The “Specification” shall mean the specification; specific conditions annexed to the General Conditions, the contract schedule, and the annexure thereto, if any.
- i. The Month shall mean, English calendar month i.e. period of 30 days and week shall mean a period of 7 days.
- j. The “Site” shall mean the place or places named in the contract and include, where applicable, the lands and buildings upon or in which the works are to be executed.
- k. “Acknowledgement of Letter of Intent” shall mean the Bidder’s letter conveying his acceptance of it being successful bidder and its intent to perform the contract.
- l. “Acknowledgement of Work Order” shall mean the Bidder’s letter conveying his acceptance of the tender as per the terms and conditions as been stated therein.
- m. The “Contract Price shall mean the sum named in or calculated in accordance with the provisions of the contract purchase or any amendments thereto.
- n. “Letter of Intent” Letter issued by Discom to the successful bidder informing him that the bidder is successful bidder.
- o. “Work Order” shall mean the Discom’ letter which may be issued in the way of letter containing detailed terms and conditions of the work and such other particulars which the Discom may like to convey to the Agency pending signing of a formal written Contract.
- p. “Writing” shall include any manuscript type written or printed statement under or over signature or seal as the case may be.
- q. The Work “Codes” shall mean the Indian Electricity Act/Electricity Supply act and Indian Electricity Rules and the rules made there under applicable in the State of Rajasthan on the date of Letter of Intent with such special modification thereof as may be specially stipulated by competent State Authorities i.e. Chief Electrical Inspector of Rajasthan.
- r. Works importing “PERSON” shall include firms, Companies, Corporations and other bodies whether incorporated or not.
- s. Words importing the singular only shall also include the plural and vice version where the context requires.
- t. Terms and expressions not herein defined shall have the same meaning as one assigned to them in the Indian Contract Act (Act IX of 1872) and falling that in the General Clause Act, 1897).
- u. Centralize IP based CCTV Solution shall mean the process setup by selected vendor for effective monitoring and surveillance of indoor cameras at JVVNL Hq. and JVVNL Divisional stores, sub-divisional stores / ACOS.

5.2 CONTRACT

- After the selection of successful bidder Discom will issue Letter of Intent and subsequently a detailed Work Order to such bidder. A contract shall be entered into between Discom and the successful bidder.

5.3 CONTRACT VALUE

- Contract Value shall be termed as total order value as quoted / accepted by the Successful Bidder in the Financial Bid.

5.4 CONTRACT PERIOD

- The contract period shall be initially for a period of 5 years from the date of complete installation of system at all locations i.e 5 years and 2 months from date of work order. The contract period may be extended for 2.5 years, on mutual agreement.

5.5 TERMINATION OF CONTRACT/ APPOINTMENT

A. Termination for Default

- a. The Purchaser may, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier, terminate the Contract in whole or in part if the Supplier fails to deliver any or all of the Goods or Related Services within the period specified in the Contract, or within any extension thereof granted by the Purchaser
- b. If the Supplier, in the judgment of the Purchaser has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract; or
- c. Any representation made by the bidder in the proposal is found to be false or misleading
- d. If the Supplier commits any breach of the Contract and fails to remedy or rectify the same within the period of two weeks (or such longer period as the Purchaser in its absolute discretion decide) provided in a notice in this behalf from the Purchaser as specified in the SLA.
- e. In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.
- f. If the implementation schedule of work is delayed for more than 30 days beyond the stipulated time then Discom will have liberty to terminate the contract.
- g. If the services of the vendor are not as per the awarded work for three consecutive months after commencement of work then Discom will have liberty to terminate the contract.

B. Termination for Insolvency

The Purchaser may at any time terminate the Contract by giving Notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

C. Termination for Convenience

The Purchaser, by Notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the

Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

5.6 FALL BACK ARRANGEMENT

- a. In the event of failure of the Agency to fulfil its obligations, duties and responsibilities as per the terms & conditions of the Contract, Discom shall inter-alia have the right, at any time to resort to fall back arrangement. Under such arrangement, Discom shall take charge of all facilities and systems whether in operation or under execution after giving suitable notice as provided in the Contract and can recover from the BGs & other holding of agency with Discom, the losses suffered due to such failure. If the BGs & other holding of agency is insufficient, the Agency shall pay the difference to Discom failing which Discom shall have right to recover the sum through legal or other means.
- b. The Discom shall have the right in such circumstances to manage the system itself after taking charge of the facilities as above or through any other agency as it may deem fit and no claim of Agency for compensation in this respect shall be entered.
- c. The Discom shall have the right in such circumstances to blacklist/bar/disqualify the Agency from submission of Bid to the any Discom(s) at least for one year.

5.7 TRANSITION / PROJECT COMPLETION

- a. The Contract shall require the Agency to cooperate in handing back the facilities, records, data backup and documents, in good working order to Discom after termination of Contract.
- b. Upon termination of the Contract, the Agency's authority to act in the area shall immediately cease. In order to smoothen the handing over process and not hampering the work, Discom shall arrange to award the Contract to other firm or may execute the work departmentally at-least 6 months before expiry of this Contract, the Agency/Discom staff may require to work along with the new agency for remaining period of Contract to enable the new agency to understand the process.

5.8 PERFORMANCE BANK GUARANTEE

- a. A Performance Bank Guarantee equivalent to 10% (Ten percent) of Contract value shall be provided by the Successful Bidder within 15 days of receipt of Work Order from Discom, in cash or by crossed Bank Draft or by way of Bank Guarantee. The Performance Bank Guarantee shall be valid for three months in addition to the entire contract period. In case if the successful bidder provides a Performance Bank Guarantee for shorter duration (not less than 12 months) then it would be the sole responsibility of the Successful Bidder to get the Performance Bank Guarantee extended well in advance to maintain the validity time. Discom may invoke the Performance Bank Guarantee without giving any information if validity of such Performance Security expires.

- b. The Bank guarantee in the prescribed format must be from the branch of any Nationalized/Scheduled Bank located in Rajasthan. The Agency may furnish Bank Guarantee on stamp paper of Rajasthan state and shall furnish a certificate of Banker that the stamp duty has been paid as per prevailing rules of that Rajasthan State.

5.9 AGENCY TO INFORM HIMSELF FULLY

- a. The Contract shall be considered to have come into force from the date of its signing. The contractor shall be deemed to have carefully examined the Tender document including General Conditions, specifications and schedules. Also it shall be deemed to have satisfied himself with the nature and character of the work to be executed and where necessary, of the site conditions and other relevant matters and details. Any information thus had or otherwise obtained from the Discom or the Engineer shall not in any way relieve the contractor from his responsibility for the supplying of the hardware, software and other equipment and executing the work in terms of the contract including all details and incidental works and supply all accessories or apparatus which may not have been specifically mentioned in the contract but necessary for ensuring complete erection and safe and efficient working of the equipment.

5.10 CONTRACT DOCUMENTS

- a. The order placed under this Tender document shall be governed by the terms and conditions as incorporated in this Tender document and as given in the detailed work order. The terms and conditions as specified in this Tender document if differ from the terms indicated in the detailed work order the later shall prevail.
- b. The contract shall for all purposes be construed according to the Laws of India and subject to jurisdiction of Rajasthan Courts only. For the due fulfilment of the contract, the Agency shall execute the Contract in the prescribed form, in prescribed number of copies on Rajasthan State Non-judicial stamp paper bearing stamp duty as applicable. The expenses of completing and stamping the Contract shall be borne by the Contractor. Such Contract shall be executed and signed by the authorized signatory of the Agency on each page thereof.
- c. Such complete agreement form along with the contract documents together with a "Power of Attorney" in favour of the Executants shall be required to be returned to the Discom within a period of 15 days from the receipt of order duly signed on each page. One copy of the executed agreement duly signed by the Discom shall be sent to the supplier for his reference.
- d. The contract documents shall mean and include the following: -
 - (i) Contract agreement
 - (ii) Notice Inviting Tender
 - (iii) Complete Tender document including its amendments if any.
 - (iv) Bid submitted by bidder
 - (v) EMD.
 - (vi) Letter of Intent and its acknowledgement.
 - (vii) Performance Guarantees.

- (viii) Detailed Work order& its annexure.
- (ix) Addenda that may hereafter be issued by the Discom to the Agency in the form of letter and covering letters and schedule of prices as agreed between the Agency and the Discom.
- (x) The agreements to be entered as per Tender Document.
- (xi) Requisite Power of Attorney in favour of the authorized signatory of the Bidder.

5.11 CHANGE OF QUANTITY/AREA

- a. Change of Area: This tender is meant for entire Jaipur Discom, list of existing sub-division is given in Scope of Work, however creation/merging/splitting of sub-divisions may take place as per requirement of JVVNL. The Vender has to provide his services in all areas as per JVVNL requirement.
- b. Change of Quantity - The quantities of Inbound/ Outbound/PTZ IP based cameras mentioned in this document are tentative and may increase or decrease as per JVVNL requirement.
- c. In any case payment shall be made on per Inbound/ outbound/PTZ camera and per CCTV setup installed in implementation locations for that particular month.

5.12 GIFTS AND COMMISSIONS ETC.

- Any gift, commission, or advantage given, promised or offered by or on behalf of the contractor or his partner, agent, officers, director, employee or servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other contract with the Discom, shall be, in addition to any criminal liability which it may incur, subject of any loss or damage to the Discom resulting from any cancellation. The Discom shall then be entitled to deduct the amount so payable from any moneys otherwise due to the Agency under the contract.

5.13 COMPLIANCE OF LABOUR LEGISLATION:

- The Agency shall discharge its liability of employer in respect of personnel to be engaged for delivering service under this Contract, as laid out in EPF and MP Act, 1952 ESI Act, 1948 (in ESI implemented area), workmen's compensation act, 1923 (in non ESI implemented area) contract labour (R&A) Act, 1970, Payment of Wages Act, 1936, Minimum Wags Act, 1948 or any other Act, Rules, Regulations as may be applicable. The Agency is required to get separate code under the provision of EPF and ESI Acts, if not already taken and deposit the employer's contribution along with employee subscription, as per rule and submit copy of challans at the time of claiming payment, as per Tender document, failing which an amount equivalent to employer's contribution and employees subscription shall be deducted from his each bill and deposited with the concerned authorities. The Agency shall be solely responsible for any consequences arising out of breach of any applicable legislations.

5.14 SAFETY OF SYSTEM

- The Agency shall be fully responsible for upkeep, operation, maintenance, security and safety of discom system, data, documents and records transferred to it and

developed later. These documents and records shall be maintained in updated condition and handed over back to Discom in good working order on completion of the contract or time to time basis as per scope of works as and when required by the Discom. Agency shall compensate to Discom any loss suffered by Discom due to default of the agency in this respect.

5.15 INSURANCE

- The agency at his own cost shall arrange, secure and maintain all insurance (Equipment & manpower) as pertinent to the works and obligatory in terms of law to protect its interest and interest of Discom against all perils. The validity of insurance shall be valid till expiry of contract

5.16 REMEDY ON AGENCY'S FAILURE TO INSURANCE

- If the Agency fails to effect and keep in force insurance referred to in clause 16 hereof or any other insurance which he may be required to effect under the terms of contract then the Jaipur Discom may effect and keep in force any such insurance and pay such premium(s) as may be necessary for that purpose and from time to time deduct the amount so paid by the Discom as aforesaid from any money due or which may become due to the Agency or recover the same as debt from the Agency.

5.17 LIABILITY FOR ACCIDENTS AND DAMAGES

- a. The Agency shall be liable for and shall indemnify the Discom in respect of all injury to person or damage to property resulting from the negligence of the Agency or his workman or from defective work but not from any other cause.
- b. Provided that the Agency shall not be liable for any loss or profit or loss of Contract or any other claim made against the Discom not already provided for in the contract, not for any injury or damage caused by or arising from the acts of the DISCOM or of any other person or due to circumstances over which the agency has no control, not shall his total liability for loss, damage or injury under this clause exceed the total value of the Contract.
- c. The Agency will indemnify and save harmless the Discom against all actions, suits, claims, demands, costs, or expenses arising in connection with injuries (other than such as may be attributable to the Discom or his employees) suffered prior to the date when the work shall have been taken over hereof by persons employed by the agency on the work, whether at common law or under the workman's compensation Act-1923 or any other statute in force at the date of contract relating to the question of the liability of employees for injuries suffered by employees and will if called upon to do so take out the necessary policy or policies of insurances to cover such indemnity.
- d. The Agency shall insure against such liabilities with an insurer approved by the Discom and shall continue such insurance, during the whole of the time that any person(s) are employed by him on the works and shall when required produce to the Discom, such policy of insurance and the receipt for payment of the current premium.

5.18 MAINTENANCE OF FACILITIES AND PERSONNEL

- a. The Agency shall maintain all requisite facilities at Jaipur of its own as required to carry out the work as per the Tender document.

b. Facilities:

The Agency shall provide and maintain a controlling office with requisite infrastructure at Jaipur Discom as per the manpower resource mentioned in scope of the document at section 2.0 with proper facilities like telephone with fax, mobile phone, Internet etc. at its own cost and shall remain open at all reasonable hours to receive communications.

c. Personnel:

- (i) The Agency shall deploy exclusive supervisory and other personnel for efficient management of the work under contract. However this contract is on service model, Agency shall be responsible for smooth & timely execution of work by appointing sufficient number of manpower.
- (ii) Agency shall immediately inform the Discom about any change of personnel/contact numbers through Email and post.
- (iii) Agency shall issue identification cards (ID card) to all its personnel engaged in the work under the contract. The identification card duly signed by authorized signatory of managerial position of the agency.

5.19 AGENCY'S RIGHTS

- a. The Agency will be given rights to operate in the area during the Contract period for carrying out the work, which shall cease to exist on completion of the said period or on termination of the Contract.

5.20 CONTRACT AGREEMENT

- a. The Contract shall set out specific events of default by one party that will entitle the other party to terminate the Contract. The party committing an event of default, which is capable of being remedied, will be given a reasonable opportunity to remedy the default.
- b. The Contract can however be otherwise terminated by either party by giving six-month notice and on terms to be mutually agreed which may include payment of suitable compensation for losses suffered by the other party due to such termination.
- c. Agency shall indemnify Discom against any claims, demands, costs and expenses whatsoever which may be made against it, because of failure of the Agency or its representatives in the performance of their duties and negligence, any accident or injury to any person.

5.21 MODE & TERMS OF PAYMENT

The invoices shall be correctly prepared in quadruplicate in the name of consignee(s)/ designated officer and shall be submitted as under:

- The agency shall furnish subdivision stores monthly invoices along with all necessary documents to the respective SE(O&M) and ACOS monthly invoices to SE(I&S) and same may be verified by SE(O&M)/SE(I&S) or any designated officer by 7th of each month for the work carried out during the last month. After verification of invoices, the payment advice will be sent to Sr. AO (CPC), JVVNL for arranging payment. The 100%

payment after deductions for SLA/penalties etc. shall be made on or after 30 days from the date of receipt of invoices or as per the prevailing payment policy in JVVNL.

- The Payment shall be made as following manner :
 - a. **First payment:** Payment shall be made after successful demonstration of POC as per requirement of specification. 25 % of total quoted price per location (Excluding AMC charges) shall be made on Installation and Commissioning of CCTV system and against Installation & Commissioning certificate dully verified by concern AEN/ACOS.
 - b. Rest 75% of payment (Excluding AMC charges) shall be made on equally monthly installment on satisfactory services after Go-live.
 - c. AMC services shall be started after complete installation and commissioning of CCTV system on all locations i.e. date of Go-Live of system and payment shall be paid on monthly basis.

- Following documents shall be submitted along with the invoice
 - a. A certificate/undertaking to the effect that proof of GST charges at actual as has been claimed and other relevant documents for reimbursement of charges paid by the supplier on behalf of the purchase, have been enclosed with the original invoice.
 - b. Acceptance letter of contract agreement, BGs (one time).
 - c. The system generated reports for verification of SLA and applicable penalties.
 - d. Other documents/proof of service rendered during the month.

5.22 PENALTIES

The following operational penalties shall be applicable on the Bidder:

5.22.1 System Availability

Availability of a system is defined as the amount of time, the each IP based cameras installed at each location recorded continuously for each month.

Objective	To ensure system is available at all times and to measure all type of downtimes if any.	
Definition	This is measured as Total number of default instances where the cameras were not functional/ number of minutes of recording not available Exclusions: 1) Planned Shutdown & Forced Measure.	
Data Capture	System generated report Or Manual observation	
Reporting Period	Monthly	
Service Levels		
Serial No:	Downtime value for month	Penalty
1)	Total number of default hours of each	Rs 10,000 per hour

	camera at each location after 5 business days of TAT	
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5.22.2 Backup and Archival Management

Objective	The System Integrator shall take backup as per the backup and archival policy.	
Definition	This is to ensure that the video recording is available in stores for minimum 3 months for the surveillance purpose of the JVVNL	
Data Capture	Manual by checking video recording of first date of last 3 months. Number of days of last 2 months recording not available.	
Reporting Period	Monthly	
Service Levels		
Serial No:	Number of days where recording not available of each camera at each location	Penalty
1)	1-5 days	Rs 1000/ day
2)	6-10 days	Rs 2000/day
3)	More than 10 days	Rs 3000/ day

5.22.3 Overall Penalty

The total penalties on account of operational deficiencies during a month will not exceed 10% of total monthly bill amount.

5.23 Penalty for delay in IMPLEMENTATION AND ROLLOUT SCHEDULE

- The Agency has to submit the plan for customization and rollout of the scope of the work as per the terms and conditions of the award.
- Penalty will be levied for delay in execution and rollout as per the Penalties given in this Tender document.
- Timeline for various modules will be as follows

S. No.	Particular of activity	Time schedule desired	Penalty
1	Detailed design of solution offered	Within 15 from the date of awarding contract (detailed work order)	Rs. 10000/- (Rupees Ten Thousand) per day will be levied on Agency. The upper cap for Penalty will be Rs 2.0 Lakhs.

S. No.	Particular of activity	Time schedule desired	Penalty
2	Installation & commissioning of LCR at 2 sample locations (2 stores/sub-division store)	Within 30 from the date of awarding contract (detailed work order)	Rs. 10000/- (Rupees Ten Thousand) per day will be levied on Agency. The upper cap for Penalty will be Rs 1.0 Lakhs.
3	Complete installation and commissioning of cameras at all locations (store and subdivision stores)	Within 60 days from the date of awarding contract (detailed work order)	Rs. 10000/- (Rupees Ten Thousand) per day will be levied on Agency. The upper cap for Penalty will be Rs 1.0 Lakhs.
4	Go-Live of JVVNL IP based CCTV solution	Within 90 days from the date of awarding contract (detailed work order)** <i>** If not furnished within 90 days, the order may be cancelled.</i>	Rs. 10,000/- (Rupees Ten Thousand) per day will be levied on Agency. The upper cap for Penalty will be Rs 1.0 Lakhs.

- d. The Implementation Agency shall have alternate arrangements to continue to execute the work in case of breakdown of their own system.



Technical Proposal

6. Technical Proposal

- **Technical offer to be furnished by the bidder on its letter head and each page to be signed by the authorized signatory**
- **An affidavit indicating that all the information, affirmation made in this proposal shall be complied with.**
- **The Technical offer shall be given strictly in same sequence of order as given in this document.**

6.1 Declaration

Following declaration to be submitted with Technical bid.

**To,
The Superintending Engineer [IT]
Jaipur VidyutVitrans Nigam Limited
Old Power House Premises
Near Ram Mandir
Jaipur-302 006**

SUB: Submission of Bid “Installation and commissioning of IP based CCTV surveillance On SAAS (System As A Service) Basis for a period of 5 years” against TN-70.

Dear Sir,

We hereby submit our bid “Installation and commissioning of IP based CCTV surveillance On SAAS (System As A Service) Basis for a period of 5 years” against TN- 70.

We, the undersigned, declare that:

- 1) We have examined and have no reservations to the Bidding Document, including Addenda No. (if Any):_
- 2) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule, and the specifications mentioned in the bid document.
- 3) We are submitting our bids for with complete set of enclosures.
- 4) We are submitting our Bid as Single Bidding Company.
- 5) We agree for execution of tendered work as per the terms & conditions as specified in this Tender Document.
- 6) We hereby confirm that the bid comply all requirements set out in the bidding document and NO TECHNICAL and COMMERCIAL Deviation are contained in the Bid.
- 7) We understand that the Bids with Deviation from the requirement laid down in this document shall be considered as NON Responsive
- 8) The prices are as mentioned in BOQ.
- 9) The prices quoted are valid for a period of 90 days from the date of opening of “Financial- bids”
- 10) The quoted / agreed prices are exclusive of the following applicable Taxes (As per prevailing rates):

Enclose details of taxes included in the prices

S. No.	Name of Tax/Charges	Rate of Tax/Charges

- 11) We have noted the standard terms of payment and undertake to abide by the same.
- 12) The execution of work shall strictly be in accordance with work completion schedule as given in the Tender Document. In case we fail to execute the work as indicated therein as per the tender specifications, the penalty provisions shall be applicable as per provisions of the Contract.
- 13) We confirm that we agree to adhere to all the commercial terms and conditions and there is No Deviation. Such acceptance has also been confirmed in prescribed schedules of this offer.
- 14) We confirm that we are qualified for bidding in terms of Qualification Requirements specified in the bidding documents and have submitted the requisite Qualification Certificate & data / documents with the bid.
- 15) Until a formal contract is prepared and executed, this together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.
- 16) We understand that the quantity mentioned in the financial schedule is just for evaluation purpose, any payment shall be made on the basis of actual numbers.
- 17) We understand that Jaipur Discom/Discom reserves the right to invite detailed proposals from any private entrepreneur-company; irrespective of the fact whether the company or entrepreneur has been pre-qualified.
- 18) We also understand that the Jaipur Discom reserves the right to reject any or all of the bids without assigning any reason thereof.
- 19) **We understand that the prices quoted in the BOQ are as defined in the RFP & the financial evaluation of the L-1 bidder shall be per Bid Document.**
- 20) We agree to abide by all the conditions governing the proposals and decisions of the Jaipur Discom.

Name

Signature with Stamp

Date

6.2 General Profile of the Bidder

Kindly attach a copy of latest RoC to substantiate the information furnished against general profile of the bidder

Details	Responses
Bidding Entity Nature	
Full legal name of the firm	
Year of establishment	
Registered Office Address	
Address for Correspondence	
Authorized person(s) to be contacted	
Telephone number(s)	
Email id	
Fax number	
Names, Addresses, Contact Emails and Mobile Nos. of the Key Management Personnel of Firm such as MD/Directors/CEO, etc.	
Type of the firm Private limited/Public limited/Government sector /other	
Whether registered under companies act, Partnership Act, or any other act applicable for registration of Firms in India	
Registration Number & Date	
Field organization and resources to be deployed for the proposed job	
No. of Projects executed in Utilities in past 5-years.	

We hereby certify that the above information is correct.

(Please enclose the ownership structure of the company, Incorporation Certificate, MOA, AOA duly attested by Company Secretary/ Director of the Company).

6.3 Financial Capabilities

CERTIFICATE OF FINANCIAL QUALIFICATION

S. No	Financial Year	Turn Over(In INR)
1	FY 2014-2015	
2	FY 2015-2016	
3	FY 2016-2017	

(Turnover shall be as per the currently applicable accounting standards prescribed by Institute of Chartered Accountants of India)

We hereby certify that the above information is correct.

(Signature of the Statutory Auditor of the Bidder)

(Note: Enclose audited Financial Statements/ Annual Report of the aforementioned FYs duly signed by the Chartered Accountant. If audited balance sheets for the FY 2016-17 are not readily available then the provisional balance sheets signed and certified by the company Chartered Accountant shall be submitted.).

6.4 Compliance to the Requirement mentioned in Detailed Scope of Work

Refer to Detailed Scope of Work for details. Bidder to submit the undertaking that the proposed solution shall cover the scope of work along with supportive reports and tools for calculating associated penalties.

We hereby confirm that the above information is correct.

(Signature of the Statutory Auditor of the Bidder)

6.5 Approach and Methodology

The Approach and Methodology to be furnished with following parameter:

- i. Schematic diagram showing all the modules & components of the systems covered in detailed scope of work.
 - ii. Description of the technical solution
- Please provide details of methodology followed by your organization in successfully implementing similar projects. Also highlight the special steps that your organization/ consortium intends to take in order to ensure that the change from current system to proposed one will be smooth and effective.

6.7 Project Experience and Confirmation of Pre - Qualification Requirement

- Bidder shall provide details of similar projects (as mentioned in Eligibility Criteria,) which have been successfully completed during the last 3 financial years.
- Please do not supply the names of clients who are no longer using your product/system.
- The bidder is required to submit the details of Pre-Qualification documents in the table no 12 & 13 as the case may be.
- Bidders need to submit the details as per the format in the table provided.

Table: The details of the same should be included in the following format and necessary supporting documents should be attached

Table11: Details of Project Experience

Sl. No	Name of project	Brief Scope necessarily including role played by Bidder, modules implemented, sector classification	Owner of Project assignment (Client name)	Cost of assignment	Date of Awarded commencement	Date of completion	Was assignment satisfactorily completed	Was it a Power Sector Project? (Y/N) Provide Detail

6.8 Project Management Practices

Please provide high-level details of the project management practices that will be followed to manage the project. The project management practices would include (but not be limited to) details of:-

- Bidder must provide details of how they envisage the contract being managed including regular and active review meetings; overall program management of the entire service; Performance reporting
- Bidder should outline their proposed governance structure and designate a Service Manager to co-ordinate their activities and provide a focal point of contact to which Utility can refer on any matter concerning the service.
- Reporting lines and decision-making powers within the bidder's organization must be explained
- Reporting formats and templates that would be followed by the bidders
- Outline the proposed escalation procedures in the event that issues arise.

6.9 Quality Assurance

- Quality of service - Suppliers must provide details of their proposed approach to quality assurance to ensure the quality of services in accordance with the tender document. This should include:
 - Responsibility of quality of service;
 - How the supplier will ensure quality service is provided;
 - How quality will be measured
- Please specify your company's process for product development and enhancements.

6.10 Documentation

Please provide a list and brief description of all user documents that will be provided along with the software package. This must include the following minimum documents:

- System and administration manuals
- Technical support handbook
- User Manuals
- Error Messages and their Meanings
- Training Manuals
- Analysis & Design Manuals with the relevant data flow diagrams, entity relationship diagrams, schemas etc.
- Additions/ changes to the documents after upgrades and
- Operations Manuals.

6.11 Check List

S. No	Pre-Qualification Requirement	Yes / No
1.	Is the cover letter attached with the bid proposal	
2.	Is the tender cost attached with the proposal	
3.	Is the Earnest Money attached with the proposal	
4.	Is the certificate as to corporate principal	
5.	Is the bidder-company statistics attached with the proposal	
6.	Is the bid structure according to proposal	
7.	Is the technical requirement of application packages attached with the proposal	
8.	Is the Approach and Methodology attached with the proposal	
9.	Is the Project Experience and Confirmation of Pre-Qualification Requirement attached with the proposal	
10.	Is Firm Detail attached with the bid proposal	
11.	Is the Project Management Practices attached with the proposal	
12.	Is the Quality Assurance attached with the proposal	
13.	Is the Documentation Details attached with the proposal	
14.	Is the Confirmation of No-Deviation and Deviation Sheet attached with the proposal	
15.	Is the Supporting Documents to Substantiate Meeting of Pre-Qualification requirement attached with the proposal	
16.	Does the bid proposal contains the part B that is the financial proposal in a sealed envelope	
17.	Is financial offer enclosed is duly sealed and super-scribed as provided in tender document	
18.	Has the bidder provided project organization structure	
19.	Has the bidder provided schematic flow of information	
20.	Are the technical and commercial proposals enclosed that are duly sealed and super-scribed as provided in tender document	
21.	Are all the pages of the proposal signed by an authorized representative of the bidder's firm (in case of consortium, then from the leading member's firm)	

S. No	Pre-Qualification Requirement	Yes / No
22.	Does the bid contains the name, address and place of business of the person or persons making the bid and is the bid signed and sealed by the bidder under his usual signature.	
23.	Is satisfactory evidence of authority of the person signing on behalf of the Bidder furnished with the bid	
24.	Is the bidder's name stated on the proposal same as that of the legal name of the firm	
25.	Do any / all erasures or other changes in the bid documents bear the initials of the person signing the bid	
26.	Are all entries and amendments also signed	
27.	Are all pages of the attached tender specification document signed, as a token of acceptance of the terms and conditions, except those mentioned in the deviation list	

(Signature).....

Date :

(Name).....

Place :

(Designation).....

(Common Seal).....

Undertakings

7. Other Undertakings

7.1 Confirmation of “NO DEVIATION” in Technical / Commercial Terms & Conditions of this Tender

(To be furnished on Bidder’s Letterhead.)

Bidder's Name & Address:

To
The Superintending Engineer (IT)
Jaipur VidyutVitrans Nigam Limited
Old Power House Premises
Near Ram Mandir, Banipark
Jaipur-302 006

Dear Sirs,

Sub: Confirmation for “No Deviation” in Technical / Commercial terms & conditions of TN-70

We hereby confirm that there is no deviation in technical / commercial terms & conditions stipulated in the bidding documents and we agree to adhere the same strictly.

(Signature).....

(Name).....

(Designation).....

(Common Seal).....

Date :

Place :

7.2 Undertaking for Various Information Furnished

(To be furnished on appropriate non-judicial Stamp Paper of Rs. 100/-, duly notarized)

Bidder's Name & Address:

To

The Superintending Engineer (IT)
Jaipur VidyutVitrان Nigam Limited
Old Power House Premises
Near Ram Mandir, Banipark
Jaipur-302 006

Dear Sir,

Sub: Undertaking for various information against TN-70.

We hereby confirm that that all the information against this bid and all other Certificates etc. furnished are correct and if in future Discom discover that any information furnished is not true, same may lead to the rejection of bid or termination of contract.

(Signature).....

(Name).....

(Designation).....

(Common Seal).....

Date :

Place :

7.3 Bidders' Authorization Certificate

(To be furnished on Bidder's Letterhead.)

To,
The Superintending Engineer (IT)
Jaipur VidyutVitrans Nigam Limited
Old Power House Premises
Near Ram Mandir, Banipark
Jaipur-302 006

[Reference No.]

I/ We <Name/ Designation> hereby declare/ certify that <Name/ Designation> is hereby authorized to sign relevant documents on behalf of the company/ firm in dealing with Tender/ NIT reference No. _____ dated _____. He/ She is also authorized to attend meetings & submit technical & commercial information/ clarifications as may be required by you in the course of processing the Bid. For the purpose of validation, his/ her verified signatures are as under.

Thanking you,

Name of the Bidder: -

Verified

Signature: -

Authorised Signatory: -

Seal of the Organization: -

Date: _____

Place: _____

Please attach the board resolution / valid power of attorney in favour of person signing this authorizing letter.

7.4 Power of Attorney in Favour of Authorized Signatory of the Bidder

(To be stamped Non-Judicial Stamp Paper of Rs. 500/- duly notarized in name of the Bidding Entity)

7.5 Format of Bank Guarantee

(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper should be in the name of the issuing Bank)

Bank Guarantee No.:

Date:

To: *(insert Name and Address of Employer)*

WHEREAS M/s. *(insert name of Bidder)*..... having its Registered/Head Office at *(insert address of the Bidder)* *(hereinafter called "the Bidder")* has submitted its Bid for the performance of the Contract for.....*(insert name of the Package)*.....under.....*(insert Specification No)*..... *(hereinafter called "the Bid")*

KNOW ALL PERSONS by these present that WE *(insert name & address of the issuing bank)* having its Registered/Head Office at*(insert address of registered office of the bank)*..... *(hereinafter called "the Bank")*, are bound unto Jaipur Vidyut Vitaran Nigam Limited *(hereinafter called "the Employer")* in the sum of*(insert amount of Bid Security in figures & words)*..... for which payment well and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents.

Sealed with the Seal of the said Bank this day of 20....

THE CONDITIONS of this obligation are:

- (1) If the Bidder withdraws its bid during the period of bid validity specified by the Bidder in the Bid Form; or
- (2) If the Bidder does not accept the corrections to arithmetical errors identified during preliminary evaluation of his bid pursuant to Tender document; or
- (3) If, as per the requirement of Qualification Requirements the Bidder is required to submit any Undertaking/Agreement and he fails to submit the same, duly attested by Notary Public of the place(s) of the respective executant(s) along with the Bid within ten days from the date of intimation of post – bid discussion; or
- (4) in the case of a successful Bidder, if the Bidder fails within the specified time limit
 - (i) to sign the Contract Agreement, in accordance with Tender document, or
 - (ii) to furnish the required performance security, in accordance with the Tender document. or

(5) In any other case specifically provided for in the Tender document.

We undertake to pay to the Employer up to the above amount upon receipt of its first written demand, without the Employer having to substantiate its demand, provided that in its demand the Employer will note that the amount claimed by it is due to it, owing to the occurrence of any of the above-named CONDITIONS or their combination, and specifying the occurred condition or conditions.

This guarantee will remain in full force up to and including *(insert date, which shall be the date 180 days from the date of Technical Bid Opening)*....., and any demand in respect thereof must reach the Bank not later than the above date.

For and on behalf of the Bank

[Signature of the authorised signatory(ies)]

Signature_____

Name_____

Designation_____

POA Number_____

Contact Number(s): Tel._____ Mobile_____

Fax Number_____

Email _____

Seal of the Bank_____

Witness:

Signature_____

Name_____

Address_____

Contact Number(s): Tel._____ Mobile_____

Email _____

Note:

1. The Bank Guarantee should be in accordance with the proforma as provided. However, in case the issuing bank insists for additional paragraph for limitation of liability, the following may be added at the end of the proforma of the Bank Guarantee [*i.e., end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee*]:

Quote

“Notwithstanding anything contained herein:

1. *Our liability under this Bank Guarantee shall not exceed _____ (value in figures)_____ [_____ (value in words)_____].*
2. *This Bank Guarantee shall be valid upto _____(validity date)_____.*
3. *We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only & only if we receive a written claim or demand on or before _____ (validity date)_____.”*

7.6 Self Declaration of No Blacklisting

(To be furnished on Bidder's Letterhead)

To,
The Superintending Engineer (IT)
Jaipur VidyutVitrans Nigam Limited
Old Power House Premises
Near Ram Mandir, Banipark
Jaipur-302 006

In response to the NIT Ref. No. _____ dated _____ for {Project Title}, as an Owner/ Partner/ Director/ Auth. Sign. Of _____, I/ We hereby declare that presently our Company/ firm _____, at the time of bidding: -

- a. possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Discom;
- b. have fulfilled my/ our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
- c. is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any State/ Central government/ PSU/ UT.
- d. does not have any previous transgressions with any entity in Rajasthan or any other country during the last three years
- e. is not insolvent in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and is not the subject of legal proceedings for any of the foregoing reasons;
- f. does not have, and our directors and officers not have been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter into a contract within a period of three years preceding the commencement of the contract, or not have been otherwise disqualified pursuant to debarment proceedings;
- g. Does not have a conflict of interest as mentioned in the bidding document which materially affects the fair competition.
- h. Will comply with the code of integrity as specified in the bidding document.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken as per the provisions of the applicable Act and Rules thereto prescribed by GoR, my/ our security may be forfeited in full and our bid, to the extent accepted, may be cancelled

Thanking you,

Signature.....

In the capacity of.....

Duly authorised to sign Proposal for And on behalf of.....

Seal of the Organization: -

Date.....

Place.....

Financial Bid

8. Financial Bid

(Not to be filled here)

(Financial offer has to be furnished in BOQ excel file).

To,
The Superintending Engineer [IT]
Jaipur Vidyut Vitran Nigam Ltd.,
Old Power House Premises
Near Ram Mandir, JAIPUR-302 006.

SUB: "Installation and commissioning of Centralize IP based CCTV surveillance On SaaS (System As A Service) Basis for a period of 5 years" against TN- 70

Dear Sir,

We have procured the bid documents for engagement of Agency "Installation and commissioning of IP based CCTV surveillance On SaaS (System As A Service) Basis for a period of 5 years" We are submitting our financial proposal as hereunder:

Figures in Rs.

Note: Need not to be filling, it is just for information:

S. No	PARTICULARS	Per Unit price	Approx. Monthly Quantity	Amount (in Rs for 5 Year inclusive of all taxes and duties/GST)
1	Indoor IP based Dome camera		213*2= 426	
2	Outdoor IP based Bullet camera		213*2= 426	
3	IP based PTZ Bullet cameras		213*1=213	
4	8 channel NVR		213	
5	UPS 1 KVA Online		213	
6	20"-22" LED Full HD		213	
7	CCTV setup for each location and set up cost LCR at each		213	

	JVVNL location (Including any other item i.e. switches, cat 6 cable, PVC conduit Pipe or any other consumable which are required for installation)			
8	Comprehensive support/warranty and AMC for period of 5 years		213	
	Grand Total for 60 months	-	-	-

The quoted prices are inclusive of applicable service tax/GST any statutory variation and imposing new tax by government shall be on Discom account.

Note:

- a. The above is the format for the submission of the financial bid.
- b. The bidders shall submit the financial bid in desired file format i.e., BoQ.xls.
- c. The prices quoted in the BOQ are as defined in the RFP & the financial evaluation of the L-1 bidder shall be as per RFP.

Name: _____