GETCO

TRANSMISSION CIRCLE,

NAVSARI

TENDER NO: - TCNS-ETP-56-2026

Subject:- Supply, Installation and commissioning of CCTV camera surveillance system at various substations under Vav and Vyara construction division.

Estimated Cost: - Rs. 60,76,538.69

EMD Cost: - Rs. 60,765.00

Price of Tender: - Rs. 5900.00 (Including 18% GST)

Time Limit: - 01 Months

(TECHNICAL BID)

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
Corporate Identity no: U40100GJ1999SGC036018 (An ISO 9001-2008 Certified Company)
GETCO
TRANSMISSION CIRCLE OFFICE, NAVSARI
Superintending Engineer (TR), 1st Floor, Transmission Circle Office, 220kV Sub-Station Campus, N.H. 48, Kabilpore, Navsari - 396427
Telephone no. (02637) 236232 / 236274 | Fax no. (02637) 236104 | Email : setrnavsari.getco@gebmail.com

Superintending Engineer (“On line Tenders for Supply, Installation and commissioning of CCTV camera surveillance system at various substations under Vav and Vyara construction division..- Tender Papers & Specifications may be down loaded from Web site https://tender.nprocure.com (For view, down load and on line submission) All tender documents are to be upload through online only (mandatory)on (n) procure portal. Tender fee, EMD and Integrity Pact duly signed are to be submitted online only

- **NO PHYSICAL DOCUMENTS TO BE SUBMITTED BY BIDDER**
- **GETCO has right to reject tender of bidders who have not paid security deposit in previous tenders OR paid security deposit after reminders. No any correspondence will have made in this regards.**

1	Tender Notice No.:	**TCNS-ETP-56-2026**
2	Name of work	**Supply, Installation and commissioning of CCTV camera surveillance system at various substations under Vav and Vyara construction division..**
3	Tender Fee (non-refundable)	**₹ 5900.00 (Including GST @ 18%)** **Payment of Tender fee will be accepted through RTGS / NEFT mode only)**
4	Estimated Tender cost Including GST	**60,76,538.69**
5	Earnest Money Deposit (EMD) amount	**60,765.00** **Payment of EMD will be accepted through RTGS / NEFT mode only)**
6	Time Limit	01 Months (Calendar)
7	Required Class of Contractor	As per QR
8	Type of Tender (Works)	Percentage Basis on FIRM PRICE
9	On line (E-tendering) tender/ offer submission last date up to 16.00 hours only (This is mandatory)	**As per Tender Notice Schedule**
10	Date of opening of Preliminary & Technical stage (on-line Opening)	**As per Tender Notice Schedule**
11	Tentative Date of on – line opening of Price bid, (if possible),	**Shall be intimated separately**

IMPORTANT:

- **All the online Annexures I.e. Annexure - 1 to 8 and price bid, other tender documents (refer Table-A) must be submitted/attached through online form only.**

- Bidder has to upload scanned copies of original (Notarized / self-attested copies of original – as specified in tender document) documents with bid and **no physical documents to be submitted by bidder.**
- All such documents should be strictly submitted through online uploading. Otherwise the offer will not be considered and no any further communication in the matter will be entertained on or before due date of submission. **However, of anywhere in tender documents submission of other than this document or physical submission mentioned to be overlooked.**
- Tender fees & EMD amount should be paid by **Online-payment mode only. Payment of Tender Fees & EMD by RTGS/NEFT/on line shall be encouraged. After the payment through RTGS/NEFT bidder has to mail following details:**

Sr. No	Required Details
1	Name & Address of the bidder
2	Bidder GST No
3	Tender No with due date
4	Mode of Transfer
5	Ref. ID with Bank Details
6	Paid Amount
7	Payment against (**Tender Fee / EMD**)

To:

a. **setrnavsari.getco@gebmail.com**
b. **Detech2conavsari.getco@gebmail.com**
c. **aotr.navsari@gebmail.com**

Bidder has to provide all above details on the same date of payment so that receipt can be generated.

❖ **GETCO Beneficiary Bank detail is as under:**

1	Name of Account Holder	Gujarat Energy Transmission Corporation Ltd.
2	Account No.	08200200000194
3	Name of Bank	Bank of Baroda
4	Branch Code	012
5	Address of Bank	Bank of Baroda, Khatrivad, Navsari
6	IFSC Code	BARB0KHATRI
7	PAN No	AABCG4029R
8	TAN No	SRTG01134A
9	GST No	24AABCG4029R2ZC

The transection slip of payment made by RTGS/NEFT is to be uploaded in N-procure with tender documents

In case short submission of documents with bid and / or clarification if any required from the bidder, the required details / documents may be asked from bidder in physical form.It shall be sole responsibility of the bidder that the uploaded scanned documents (in PDF

form) remain legible and should not be password protected.All the relevant scanned documents as per requirement of the tender are to be upload through online only on n-procure portal including Tender fee, EMD and Integrity Pact. Tender will be evaluated on basis of Data / Details / Documents submitted by online form

only. It is mandatory for all the bidders to upload their tender documents by on line only (E-tendering) in scheduled time. **No documents shall be considered physically which are mentioned for on-line submission only.**

- The bidders are required to fill up all the online annexure / forms (word file attached) and shall be uploaded invariably. This is intended for transparency and speedy evaluation of the bids. Instead of simply confirming / attached in bid / refer physical offer, the Bidder shall fill in the particulars against appropriate place in respect of each line appearing in each online annexure. Wherever required, bidder shall invariably have to upload supporting authentic documents in the online bid. (In the absence of required details in the online annexure, the purchaser has every right to evaluate the bids accordingly and bidder cannot raise any objection against any point during evaluation.)
- Bidders are requested to remain in touch with the web-site for any amendment / corrigendum or extension of due date etc
- The Earnest Money Deposit and tender fee will be accepted through online payment mode NEFT/RTGS only and Tender Fee payment through NEFT/RTGS with different purchaser or agency shall not be accepted. Tender without EMD and tender fee shall be rejected. Two separate transection for Tender fee and EMD should be submitted.
- The GETCO reserves the right to award the work to one or more bidders, considering their technical and financial capacity OR to reject any or all tenders or accept any tender without assigning any reason thereof.

Any technical questions, information and clarifications that may be required pertaining to this enquiry should be referred to: **The Superintending Engineer**, **Gujarat Energy Transmission Corporation Limited, Transmission Circle Office, Kabilpore, Navsari - 396427**

GETCO reserves the right to reject any OR all tenders without assigning any reasons thereof.

Yours faithfully,

Superintending Engineer
Navsari

To view the PDF file please use “Acrobat Reader” software which can be downloaded from “Adobe” website.

I N T E G R I T Y P A C T

OUR ENEAVOUR

To create environment where Business Confidence is built through Best Business Practices and is fostered in an atmosphere of trust and respect between providers of goods and services and their users for the ultimate benefit of society the nation.

GETCO COMMITMENT	PARTY'S COMMITMENT
▪ To maintain the highest ethical standards in business and professional.	▪ Not to bring pressure / recommendations outside GETCO to influence its decision.
▪ Ensure maximum transparency to the Satisfaction of stakeholders.	▪ Not to use intimidation, threat, inducement or Pressure of any kind on GETCO or any of its employees under any circumstances.
▪ To ensure to fulfill the terms of agreement / contract and to consider objectively the viewpoint of parties.	▪ To be prompt and reasonable in fulfilling the contract, agreement, legal obligations.
▪ To ensure regular and timely release of payment on due dates for work done.	▪ To provide goods and / or services timely as per agreed quality and specifications at minimum cost of GETCO.
▪ To ensure that no improper demand is made by employees or by anyone on our behalf.	▪ To abide by the general discipline to be maintained in out dealings.
▪ To give maximum possible assistance to all the vendors / supplier / Service provider and other to enable them to complete the contract in time.	▪ To be true and honest in furnishing information including payment to agents / sub-agent.
▪ To provide all information to suppliers / contractors relating to contract / job which facilitate him to complete the contract / job successfully in time.	▪ Not to divulge any information, business details available during the course of business relationship to others without the written consent of GETCO.
▪ To ensure minimum hurdles to vendors / suppliers / contractors in complete of agreement / contract / work order.	▪ Not to enter into carter / syndicate / understanding whether formal / non-formal so as to influence the price.

Seal & Signature

(GETCO Authorized Signatory)

Name:

Designation:

Seal & Signature

(Party's Authorized Person)

Sr.	Particulars
1	Tender Notice
2	Technical Qualification requirement & scope of work
3	Scope of Work
4	Annexure – “A”-Technical Specification
5	Annexure – “B”-GUARANTEED TECHNICAL PARTICULARS(GTP)
6	General Technical conditions
7	Special technical conditions
8	Erection condition of contract
9	General Commercial Conditions
10	Safety clause
11	Work & safety Regulations
12	Annexure-I to IX
13	Price Bid

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Technical Qualification requirement

(List of documents to be submitted with technical Bid)

The bidder should satisfy following minimum technical requirements….

1. The bidder should have to submit experience Certificate & Certified copy of last executed order in Last 03 financial years the same work along with the technical bid.
2. Certified copy of Authorized Dealer/Distributer from OEM for Supply, Installation and Commissioning of CCTV Surveillance System with technical bid.
3. Annexure I to VII.

Financial Qualification requirement:

1. Payment of Tender fee and EMD.
2. GST Registration: The bidders should submit the certified copy of GST registration of their firm. Party has to compulsory registered their GST detail on our website www.getcogujarat.com
3. Details of Partners/Directors of the Firm/Company. Partnership deed if applicable.
4. Copy of power of attorney as the case may be.
5. PF registration.
6. Latest Bank solvency certificate of 20% of the tender value is required to be furnished by the tenderer along with the technical bid (Not more than one year old).
7. Annual audited profit loss and Balance Sheet for the last three years.
8. The Bidder should have to submit copy of PAN card.
9. Registration No. under Small Scale Industries / National Small Scale Industries Corporation (NSIC) or under DGTD etc. submit Notarized copy for the same.

Note:

1. Tenderer should submit necessary documentary proof in support of all above mentioned Criteria.
2. Part tender for supply of any individual item or cluster is not allowed.
3. Above technical criteria is for technical scrutiny after opening the technical bid. However the GETCO reserves the right to award the work to one or more bidders, considering their technical and financial capacity OR to reject any or all tenders or accept any tender without assigning any reason thereof

Scope of Work

1 The Scope of work includes the complete supply, Installation, Testing and Commissioning, testing & comprehensive maintenance till guarantee period of CCTV surveillance system at substation of GETCO.

2 The tenderer shall supply ISI Marked labeled materials with minimum warranty period of two year.

3 The tenderer shall ensure that the equipments are supplied, installed & commissioned free from any defects and faulty workmanship.

4 The agency shall be responsible for replacement of any material/equipments for any defect may arise within two year of warranty period. In case of repeated defect of any

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material shall be liable to the tender for replacement of complete material/equipment at free of cost.

5 Supply & installation should be made properly with complete technical specifications as per the specifications under the supervision of Engineer In-Charge.

6 GETCO will provide electricity during execution of the CCTV surveillance system with free Of
cost.

7 The procurement of various materials shall be either from the manufacturers or their main authorized dealers/distributers to ensure that no duplicate/spurious makes are used in the works. Any misleading in such case, GETCO reserves the rights for decision in the matter and same shall be binding to the tenderer/contractor.

8 The successful tenderer shall have to supply, installation and commissioning of CCTV Surveillance system as per agreed “GUARANTEED TECHNICAL PARTICULAR” of the tender.

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Annexure – "A"-Technical Specification

TECHNICAL SPECIFICATIONS-(PRT-II)

PRINCIPAL TECHNICAL PARAMETRS for Supply, Installation and commissioning of CCTV camera surveillance system at GETCO.

Sr. No.	Item Description	Specifications	TECHNICAL SPECIFICATIONS
1	**IP Bullet Camera 2 MP**	Image Sensor:	1/2.8" 2 Megapixel progressive scan CMOS
		Min. Illumination:	Color:0.08 Lux; B/W:0 Lux 0 Lux with IR illumination ON or Better
		Lens:	Fixed F 1.2 or Better
		Day& Night:	Auto
		Wide Dynamic Range:	90dB or batter
		Digital noise reduction:	Supported
		IR Range:	Min. 50 meters
		Compression	
		Video Compression:	H.265 or better
		Image	
		Image Resolution:	1920 x 1080
		Frame Rate:	25 to 30 fps
		Network	
		Protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP,SNMP, IGMP, 802.1X, QoS, IPv6, Bonjor
		Time synchronization	Auto Time synchronization of camera with NVR
		System Compatibility:	ONVIF support
		Interface	
		Communication Interface:	1 RJ45 10M / 100M Ethernet interface
		Built in memory card slot	Built-in memory card slot, support Micro SD/SDHC/SDXC, Min 128 GB

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		General	
		Operating Conditions:	0 °C ~ 60 °C, less than 95 % RH
		Power Supply:	DC12V,PoE (802.3af) / (802.3at)
		Weather Proof:	IP66
		Make	Axis: Axis Communications AB. Pelco: Pelco, Inc. Honeywell: Honeywell International Inc. Bosch : Bosch Limited Matrix Comsec: MATRIX COMSEC PVT. LTD BEL : Bharat Electronics Limited American Dynamics : Tyco Security Products Vicon: Vicon Industries Inc. Sony : Sony India Pvt. Ltd.
		Certificate	Either Bureau of Indian Standards (BIS) OR UL
		Warranty	Three years
2	**PTZ Camera 2 MP**		
		Image Sensor:	1/2.8" 2 megapixel progressive scan CMOS
		Minimum Illumination:	Color: 0.3 Lux; B/W: 0.01Lux 0 Lux with IR illumination ON or Better
		White Balance:	Auto, Manual
		AGC:	Auto, Manual
		WDR (Wide Dynamic Range):	90 dB or better
		Shutter Time:	1/1 s to 1/15,000 s or better
		Day& Night:	Supported
		Digital Zoom:	16× or better
		Noise Reduction	Supported
		Focus mode:	Auto, Manual
		Lens	
		Focal Length:	4.3 mm to 129 mm or better
		Minimum Working Distance:	10 mm to 1500 mm (wide-tele)
		Aperture Range:	F1.2 to F5.0
		Pan & Tilt	
		Pan Range:	360° endless

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		Tilt Range:	From 0° to 90°
		Number of Preset:	250
		Pattern:	Min-4
		Infrared	
		IR irradiation distance:	Min 150 m
		Network	
		System Compatibility	ONVIF support
		Image Resolution:	1920 × 1080
		Main Stream:	25 to 30 fps
		Image Compression:	H.265 or batter
		Communication Interface:	1 RJ45 10M / 100M Ethernet interface
		Protocols:	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, 802.1x
		Time synchronization	Auto Time synchronization of camera with NVR
		Storage:	Built-in memory card slot, support Micro SD/SDHC/SDXC, Min 128 GB
		Security Measures:	User authentication & Password protection supported
		General	
		Power Supply:	24 VAC & PoE+
		Operating temperature/Humidity:	0 °C ~ to 60 °C, less than 90 % RH
		Protection Level:	IP66
		Make	Axis: Axis Communications AB. Pelco: Pelco, Inc. Honeywell: Honeywell International Inc. Bosch : Bosch Limited Matrix Comsec: MATRIX COMSEC PVT. LTD BEL : Bharat Electronics Limited American Dynamics : Tyco Security Products Vicon: Vicon Industries Inc. Sony : Sony India Pvt. Ltd.
		Certificate	Either Bureau of Indian Standards (BIS) OR UL certificate.
		Warranty	Three years
3	**Network Video**		
		Software	As per attached ANNEXTURE-C

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	Recorder- 8 Ch	**Video/Audio Input**	
		IP video input:	8 IP channels
		Two-way audio input / Output:	1-ch, RCA (2.0 Vp-p, 1kΩ)
		Video/ Recording l	
		Interface	1 HDMI Port
		VIDEO Compression	H.265 or better
		Resolution	1920 x 1080
		Recording Resolution:	8MP, 6MP, 5MP, 3MP, 2MP
		Decoding / Playback	
		Live view / Playback:	1920×1080
		Layouts:	Simultaneously min 8 channel for 8Ch
		Hard Disk	
		SATA Port:	1 or more Sata port
		Capacity:	Port support min. 6 TB capacity for SURVEILLANC HDD
		Network	
		Incoming bandwidth:	200Mbps
		Outgoing bandwidth:	190Mbps
		USERS	Min 10 Users
		Network Interface:	1 RJ-45 port (10/100/1000) Mbps
		Network Functions:	TCP/IP, DHCP, PPPOE DNS, DDNS, FTP, SMTP, NTP, RTP/RTSP, HTTP, CIFS/NFS, UPnP
		USB Interface:	Min. 2 USB port (1x USB 3.0, 2x USB2.0)
		Alarm In	1-Ch
		Alarm Out	1-Ch
		General	
		Power Supply:	240 ± 10% VAC , 50HZ
		Make	Axis: Axis Communications AB. Pelco: Pelco, Inc. Honeywell: Honeywell International Inc. Bosch : Bosch Limited Matrix Comsec: MATRIX COMSEC PVT. LTD BEL : Bharat Electronics Limited American Dynamics : Tyco Security Products Vicon: Vicon Industries Inc. Sony : Sony India Pvt. Ltd.
		Warranty	Three years

		Certificate	Either Bureau of Indian Standards (BIS) OR UL certificate.
4	**Network Video**		
		Software	As per attached ANNEXTURE-C

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	Recorder- 16 Ch	**Video/Audio Input**	
		IP video input:	16 IP Ch
		Two-way audio input / Output:	1 RCA (Audio output) 1 RCA (Audio input)
		Video/ Recording l	
		Interface	1 HDMI Port
		VIDEO Compression	H.265 or better
		Resolution	1920 x 1080
		Recording Resolution:	8MP, 6MP, 5MP, 3MP, 2MP
		Decoding / Playback	
		Live view / Playback:	1920×1080
		Layouts:	Simultaneously min 8 channel for 8Ch
		Hard Disk	
		SATA Port:	1 or more Sata port
		Capacity:	For 1 SATA Port- support min. 12 TB capacity for SURVEILLANC HDD or For 2 or more SATA Port- support min. 6 TB capacity for SURVEILLANC HDD
		Network	
		Incoming bandwidth:	200Mbps
		Outgoing bandwidth:	190Mbps
		USERS	Min 10 Users
		Network Interface:	1 RJ-45 port (10/100/1000) Mbps
		Network Functions:	TCP/IP, DHCP, PPPOE DNS, DDNS, FTP, SMTP, NTP, RTP/RTSP, HTTP, CIFS/NFS, UPnP
		USB Interface:	Min. 2 USB port (1x USB 3.0, 2x USB2.0)
		Alarm In	1-Ch
		Alarm Out	1-Ch
		General	
		Power Supply:	240 ± 10% VAC , 50HZ
		Make	Axis: Axis Communications AB. Pelco: Pelco, Inc. Honeywell: Honeywell International Inc. Bosch : Bosch Limited Matrix Comsec: MATRIX COMSEC PVT. LTD BEL : Bharat Electronics Limited
		Warranty	Three years
		Certificate	Either Bureau of Indian Standards (BIS) OR UL certificate.
5	**POE SWITCH (4-Port)**	**Ports**	
		Network Ports:	5
		PoE Port:	4, 10/100/1000 Mbps RJ45 ports

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		SFP port	Min. 1 Port

		Standard	
		Network Protocol:	IEEE802.3,802.3u,802.3x, 802.3af, 802.3at
		Address Database size	Min 4k MAC Addresses
		Flow Control:	IEEE802.3x full duplex
		Power Over Ethernet	
		PoE Standard:	IEEE802.3af, IEEE802.3at
		Power Budget	Min. 30W
		General	
		Power Supply:	100-240V AC, 50Hz
		Operating Conditions:	-10 °C ~ 60 °C less than 95 % RH
		Make	CISCO : Cisco Systems, Inc Netgear: Netgear Inc HP: HP Development Company, L.P. Allied Telesis: Allied Telesis, Inc.
		Warranty	Three years
6	**POE SWITCH (8-Port)**	**Ports**	
		Network Ports:	9
		PoE Port:	8, 10/100Mbps RJ45 ports
		Uplink Port:	1, 1000Mbps Ethernet Port
		Standard	
		Network Protocol:	IEEE802.3,802.3u,802.3x, 802.3af, 802.3at
		Address Database size	Min 4k MAC Addresses
		Flow Control:	IEEE802.3x full duplex
		Power Over Ethernet	
		PoE Standard:	IEEE802.3af, IEEE802.3at
		Power Budget	Min. 65W
		General	
		Power Supply:	100-240V AC, 50Hz
		Operating Conditions:	-10 °C ~ 60 °C less than 95 % RH
		Make	CISCO : Cisco Systems, Inc Netgear: Netgear Inc HP: HP Development Company, L.P. Allied Telesis: Allied Telesis, Inc. D-Link : D-Link (India) Limited
		Warranty	Three years
7	**POE + SWITCH (16-Port)**	**Ports**	
		Network Ports:	18
		PoE Port:	16, 10/100Mbps RJ45 ports
		Uplink Port:	2, 1000Mbps Combo Port
		SFP port	Min. 2 port

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		Standard	
		Network Protocol:	IEEE802.3,802.3u,802.3x, 802.3af, 802.3at
		Address Database size	Min 4k MAC Addresses
		Flow Control:	IEEE802.3x full duplex
		Power Over Ethernet	
		PoE Standard:	IEEE802.3af, IEEE802.3at
		Power Budget	Min. 150W
		General	
		Power Supply:	100-240V AC, 50HZ
		Operating Conditions:	-10 °C ~ 60 °C less than 95 % RH
		Make	CISCO : Cisco Systems, Inc Netgear: Netgear Inc HP: HP Development Company, L.P.
		Warranty	Three years
8	**22" LED Monitor With Wall Mount Bracket.**	22" LCD Monitor	
		Max Resolution	1920×1080
		Interface	RGB IN, HDMI IN, Digital Audio Output
		Power Supply:	230V, 50Hz
		Make	Sony: Sony India Pvt. Ltd. LG: LG Electronics India Pvt. Ltd. Panasonic: Panasonic India Pvt. Ltd.
		Warranty	Three years
9	**32 "LED Monitor with Wall Mount Bracket.**	32" LCD Monitor	
		Max Resolution	1920×1080
		Interface	RGB IN, HDMI IN, Digital Audio Output
		Power Supply:	230V, 50Hz
		Make	Sony: Sony India Pvt. Ltd. LG: LG Electronics India Pvt. Ltd. Panasonic: Panasonic India Pvt. Ltd.
		Warranty	Three years
10	**6 / 12 TB SURVEILLANCE HDD**	RPM	7200
		Make	Seagate: Seagate Technology LLC
		Warranty	Three years
11	**1 KVA UPS with 1hr Battery Backup digital display indication**	Input Voltage	230 VAC nominal
		Frequency	50 Hz +/-1 Hz
		Output	
		UPS Capacity (total)	1000VA / 600W
		Output Voltage range	230 V +/- 10% with 50 Hz
		Voltage on Battery	230 VAC

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		Frequency	On Battery 50 Hz ± 1 Hz
		Operating Temperature:	'-10 °C ~ 60 °C less than 95 % RH
		Battery	60 AH Maintenance-free
		Charger	5A
		Make	APC : Schneider Electric Vertiv Energy Private Limited Numeric (Legard) : Legrand Group or any other reputed make having valid BIS registration.
		Warranty	Three years
		Certificate	Bureau of Indian Standards (BIS)

12	**6U Rack (Outdoor)**	Dimension:	550 x 400 x 350 mm Wall Mount / Floor Standing /Table Mount option, Front door with Toughen Glass & Lockable, Closed Rubber Grommet at Cable Entry
		Complete Body	Top and Bottom of 18 SWG CRCA Material, Door & inside Channels of 16 SWG CRCA Material
			Weather proof & Compatible to accommodate LIU, Switch, PoE adopter etc. and fitted with cable manager and with mounting accessories
		Make	Valrack/APW/Rittal/APW President
13	**9U Rack**	Dimension:	Width 600 mm and depth 450 mm – Wall Mount / Floor Standing / Table Mount option, Front door with Toughen Glass & Lockable, Closed Rubber Grommet at Cable Entry
		Complete Body	Top and Bottom of 18 SWG CRCA Material, Door & inside Channels of 16 SWG CRCA Material
		Power Distribution Unit	1.5 meter cable length for 240/220V AC Supply having 4 sockets of 5 Amp to be used for other devices.
		Fan	Top mounted 90 CFM Fan (01nos.) with finger guard
		Make	Valrack/APW/Rittal/APW President
14	**CAT-6 Armored cable**	Size:	Armored CAT-6 (4 Pair) cable design for external use burial and or Arial use, 24 AWG solid copper conductor. Armored GI wire size: 0.9 mm
		Make	D-Link / TYCO / Systimax / Molex / Schneider / Digisol / Commscope / Panduit(Pannet) / Siemon
15	**Fiber cable – 6 core cable**	Size:	Unitube, Single Mode, Outdoor Direct Burial Cable, Central loose tube with jelly compound, High strength ripcord under armored Cable protected from moisture, suitable for indoor and outdoor use and protected against bending / damage.

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		Make	D-Link / TYCO / Systimax / Molex / Schneider /Digisol / Commscope / Panduit(Pannet) /Siemon
16	**LC-SC Single Mode Optical fiber duplex patch cord**	Size/Length:	LC-SC SM Duplex, the patches to be supplied shall be of full standard optical specifications, length of 1 mtr.
			Terminated connector: compatible with industry standard i.e. EIA/TIA, IEC, ANSI
		Make	D-Link / TYCO / Systimax / Molex / Schneider / Digisol/Commscope/Panduit(Pannet)/Siemon
17	**LIU (Line interface Unit) (Optical Fiber interconnecting unit) 06 port fully loaded**	- Rack mount type with 06 ports Loaded (SC) SM, pigtail and splice tray. - Aluminum base material for light mounting - Front - mounted cable saddles for jumper management - Can manage both splice and terminations - Preassembled shelves in multiple configuration - Rubber fiber slotted bracket built in, metal splice shelf to protect the fibers - Removable Front and rear covers for better access to interior of LIU - The pigtails to be supplied shall be SC simplex of length 1 meter. The pigtails to be supplied shall be good end face geometry, standard optical specifications, precise length & tolerance.	
		Make	D-Link / TYCO / Systimax / Molex / Schneider / Digisol
18	**Pigtail**	The Pigtails to be supplied shall be LC SM SIMPLEX of length 1 meter. The pigtails to be supplied shall be of good end face geometry, full standard optical specification.	
		Make:	D-Link / TYCO / Systimax / Molex / Schneider / Digisol
19	**Media Converter**	The media converter should support Single Mode fiber and shall be suitable for interfacing with the camera / Ethernet switch.	
20	**Power cable**	Size:	Un- armored 3 core, 2.5 sq.mm with standard copper conductors
		Insulation:	PVC insulated 1100V grade, FR type suitable for steady temperature of 70 degree C.
		Make:	Finolex/KEI/ Polycab/Universal/Asian/Delton/Havells
21	**Junction Box (Outdoor)**	Size:	Whether proof, FR type suitable for IP based CCTV Camera, Dimension: (100 x 100 x 50) mm,
		Make:	Any Standard make
22	**HDPE Pipe**	Size:	- Dia: Min 25 mm (Inner) - Thick : Min 2.3 mm
		Make:	Any Standard make
23	**3 Mtr Pole**	Size:	Height: 3 Mtr GI Tubular Poles. Size: Middle 2 Mtr. Long, 88.9mm dia & 3.25mm thick 03-meter heighted pole which to be installed on control room building including clamps and other accessories to be fixed is in the scope of bidder

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	(Tubular)	Make**:**	Any Standard make
24	**9 Mtr Pole (Tubular) including foundation casting.**	Swaged type welded GI tubular pole of Height: 9 Mtrs Size: Bottom 5 Mtr. Long, 114.2mm outer dia & 3.5mm thick, Middle 2 Mtr. Long, 88.9mm dia & 3.25mm thick, Top 2 Mtr long, 76.1 mm dia (outer) and 3.25mm thick. Foundation: 1.5 mtr x 0.450 mtr x 0.450 mtr Pole erection by excavating in any type of soil by providing of M15 Grad concrete (1:2:4) foundation of 1.5 mtr x 0.450 mtr x 0.450 mtr in the scope of bidder	
		Make:	Any Standard make
25	Laying of CAT-6 armor/ Fiber optical cable and Power Cable in PVC / HDPE pipe with all necessary accessories.		
26	Digging suitable width up to 450 mm and back filling in any type of soil for laying of surveillance system cable.		
27	Splicing of Single mode Pigtail with Fiber core		
28	Installation and commissioning charges for CCTV surveillance system including providing & Mounting Stand for LED and brackets for IP Bullet/PTZ camera, Patch cord, LIU, power adopter, HDMI cable, connectors, required splicing of cable etc. as per tender terms and condition. All equipment under this package is to be installed in various substation. The OFC cable and Power cable shall be laid in HDPE conduits either in cable trenches or underground depending upon site requirement. If it is underground the depth of trench shall not be less than 2 feet. Civil work if any		

Software for Network Video Recorder (NVR)

Software for 8 Channel / 16 Channel NVR:

The Software should be designed for open platform and no proprietary hardware required for installation of the software. It should be completely scalable CMS/ CCTV system. The software should support Min. 2 Mega pixel and higher camera and should facilities viewing up to Full HD/ H.265 (0 to 30 fps) on the work station. Recording can be scheduled for the various video source with different frame rates.

Sitemap:

- **Alarms:** The alarms are displayed in the sitemap, enabling the user to take timely action.
- **Field of view:** The user can create field of view of the cameras, indicating the area of coverage.

Recording and playback

- **Video:** An optional streaming is available for rendering additional streams for recording and live viewing.

  Video Recording on Selected Channel.
- **Search Mode:** Date and Time, Camera, Event, Recording Type
- **Playback Modes:** Fast Forward, Slow Forward, Slow Reverse, Fast Reverse at Different Speed

  Control, Next Previous Frame

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- **Export:** Exporting the video data in native format with multiple file export option makes it a hassle free export and playback of the video sequence. Manual Backup over USB through USB2.0 / USB3.0 interface

Events and controls

- **Alarms:** Supports inbuilt video analytic alarms such as Face detection, Boundary Crossing detection, camera occlusion, Unexpected activity detection, Motion Detection, View Tampering, Connection Failure, Recording Failure, Storage Alert, Disk Volume Full, Disk Fault, Scheduled Backup Fail.

- **Event action:** Automatic actions can be configured per camera for each event. The actions supported comprise SMS, email with Snapshot, camera pre-set, Turn On/Off Alarm Outputs, Buzzer Notification.

- **PTZ controls and digital zoom:** Digital zoom supports both on live and recorded videos.

- **Snapshots:** The snapshot of any camera in the tile can be taken and saved in the database for future investigation and evidence purposes.

- **Camera discovery:** IP cameras of different makes and models can be added automatically. Manual and bulk additions of cameras are also supported.

Reports:

A comprehensive reporting on the alarms, event logs, health status of the devices such as IP Camera, Server and Workstation are provided.

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Type Test for Bullet Camera, PTZ Camera & NVR

(1) Following Type Test certificates shall be submitted in Technical specification for IR bullet camera and PTZ camera.

S/n	Test Name	Type Test Standard	Confirmation (Tick √ any one)
1	Electrical Fast Transient/burst immunity test (EFT)	IEC 61000 – 4 - 4	YES / NO
2	Damped Oscillatory (1MHz & 100 KHz)	IEC 61000 – 4 – 18	YES / NO
3	AC Voltage Dips & Interruption and voltage variation immunity test	IEC 61000 – 4 – 11	YES / NO
4	Electrostatic immunity test	IECv61000 – 4 – 2	YES / NO
5	Power Frequency Magnetic Field	IEC 61000 – 4 – 8	YES / NO
6	Ripple on DC input Power Supply Port immunity test	IEC 61000 – 4 – 17	YES / NO
7	Immunity to conducted disturbance, induced by radio-frequency fields	IEC 61000 – 4–6	YES / NO
8	Radiated, radio-frequency, electromagnetic field immunity test	IEC 61000 – 4–3	YES / NO
9	Surge immunity test	IECv61000 – 4–5	YES / NO
10	Limits for harmonic current emission (equipment input current ≤ 16A per phase)	IEC 61000– 3–2	YES / NO
11	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	IEC 61000– 3–3	YES / NO

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12	Audio/Video, information and communication technology equipment-part 1: safety requirement	IEC 62368-1:2018	YES / NO
13	For FCC	47 CFR FCC Part 15-Sub part B (Class B) ANSI:2009	YES / NO
14	For IP66	IS/IEC 60529:2001 Clause No. 12.2,12.3,13.4,13.6,14.2.6,14.3	YES / NO
15	For Vibration	IEC 60068-2-6:2007	YES / NO
16	For IK10	IEC 62262:2002	YES / NO

***** The validity of Type Test shall be 7 years**.

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(2) Following Type Test certificates shall be submitted in Technical specification for NVR.:

S/n	Test Name	Type Test Standard	Confirmation (Tick √ any one)
1	For CE (EMI-EMC)	IEC/EN 61000-3-3:2003 CISPR 22:2008 CISPR 24:2010 IEC/EN 61000-3-2:2005 + A1:2008 + A2:2009	YES / NO
2	For FCC	47 CFR FCC Part 15-Sub part B (Class B) ANSI:2009	YES / NO
3	For Safety	IEC/EN 60950-1:2005 + A1:2009+A2:2013	YES / NO

*****The validity of Type Test shall be 7 years.**

All Type test for Bullet camera, PTZ Camera & NVR are mandatory and submit along with GTP.

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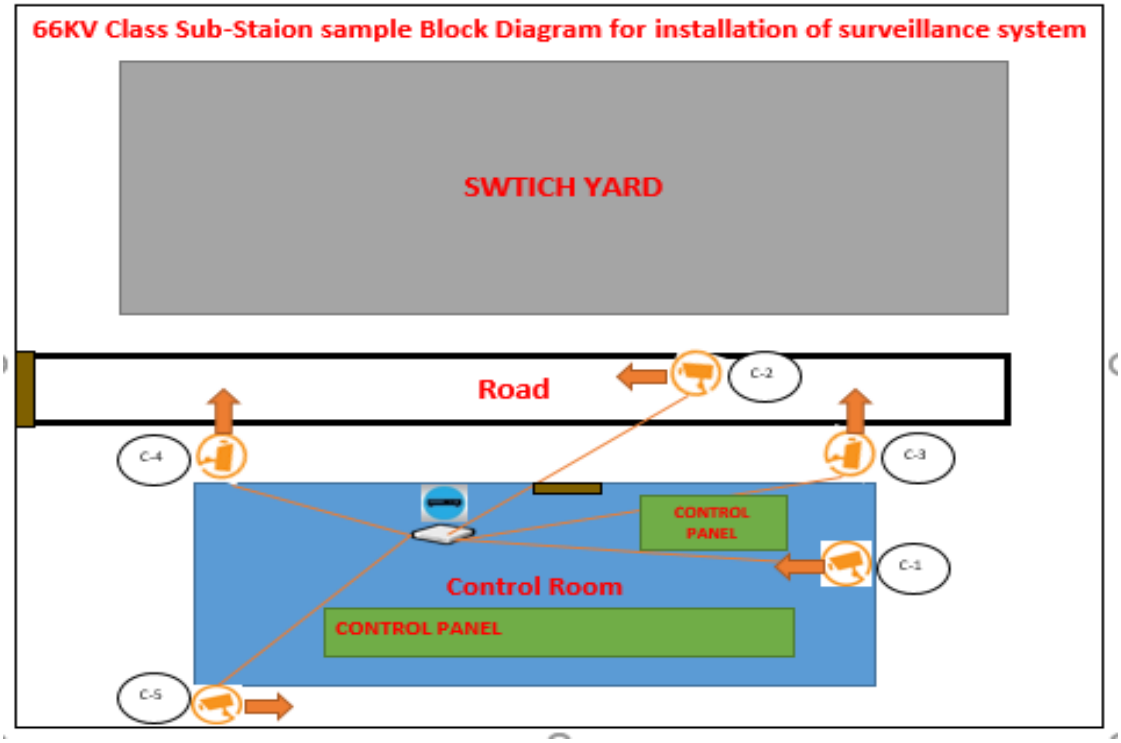
Sample architectural drawing for installation of complete surveillance system



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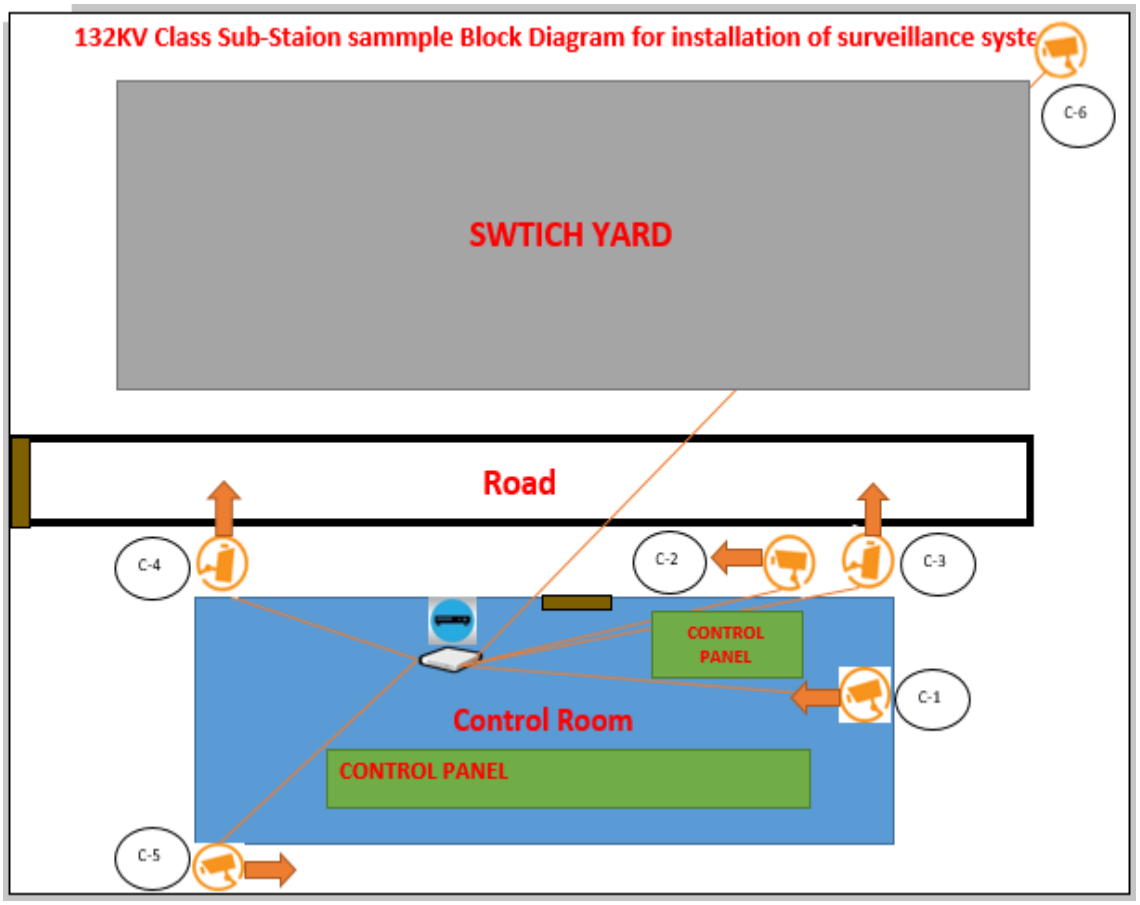

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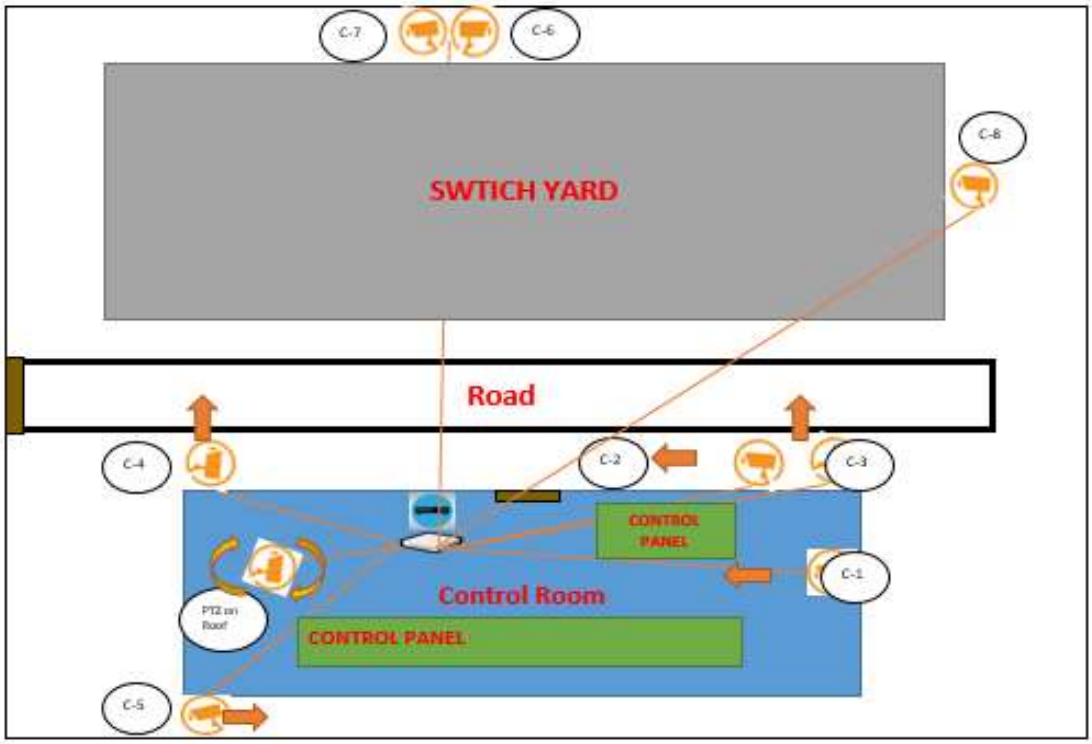
220KV Class Sub-Staion sample Block Diagram for installation of surveillance system



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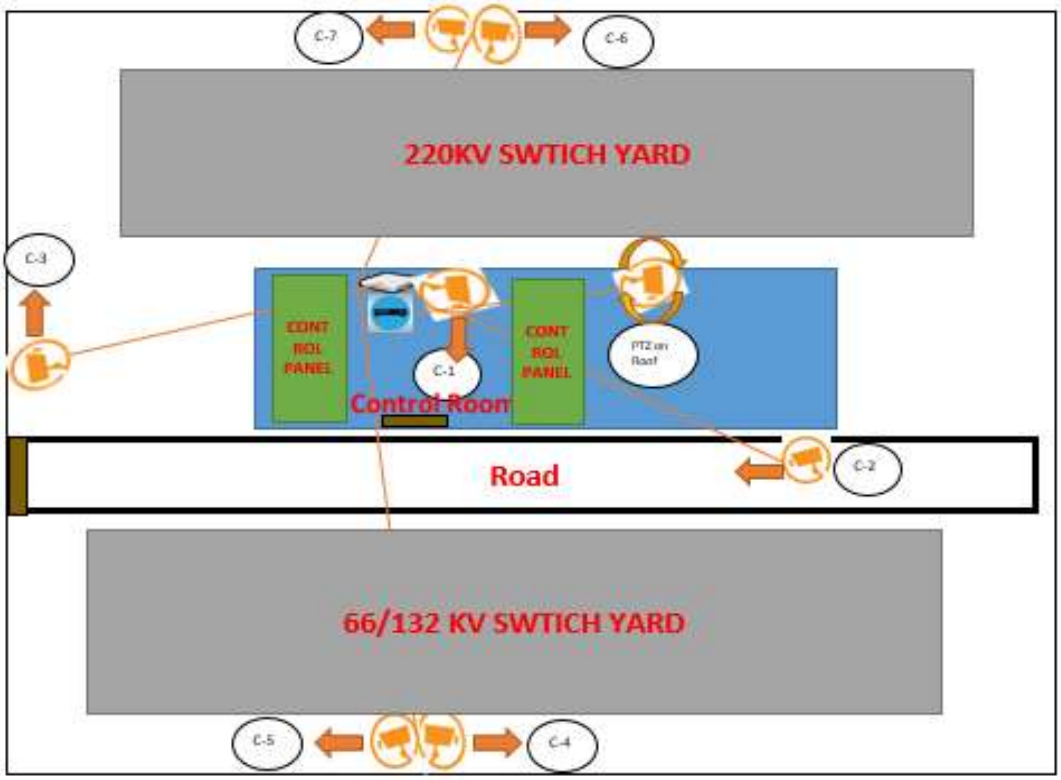

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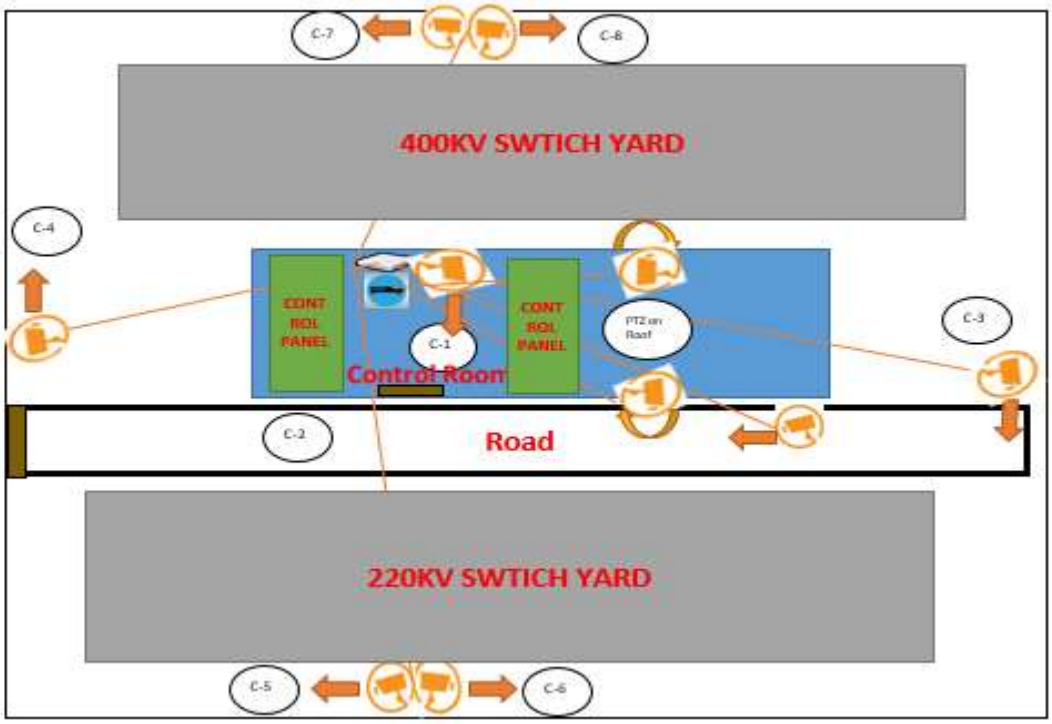
400KV Class Sub-Staion sample Block Diagram for installation of surveillance system



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1. Scope of work regarding installation of pole or mounting structure and underground cable laying work (if require) included in scope of contractor.
2. you have to submit undertaking to provide or supply any spare of system, which may require, for 5 years at least.(excluding G.P.).

All suppliers must have to fill above table for Guaranteed Technical specification offered by him.

"GUARANTEED TECHNICAL PARTICULARS"

FOR

INSTALLATION AND COMMISIONING OF CCTV SURVEILANCE SYSTEM

(TO BE FILLED BY THE TENDERER AND FURNISH WITH TECHNICAL BID)

The GTP is to be filled up in this format and, in the page of Tender Specification only, to be submitted in duplicate along with the offer. This is intended for speedy comparison of various bidders GTP. The tenderer shall fill in the particulars against appropriate items in respect of each rating and type of equipment offered in the broad categories listed below:

Annexure – "B"-GUARANTEED TECHNICAL PARTICULARS(GTP)

Sr. NO.	CCTV surveillance system	To Be filled by Bidder
1	**Supply and installation of CAT-06 armored double coated cables as per specification**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Minimum 3 Year replacement warranty (Yes/No)	
2	**Supply and installation of water proof Gang box**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Minimum 3 Year replacement warranty (Yes/No)	
3 & 4	**3. Supply and installation of supporting 32 channel** **4. Supply and installation of network video recorder 32 CH in built with 6TB minimum 4 USB HD for recording at least 30 days recording**	

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	Providing, Supplying and installing and configuring 32 channel Network Video Recorder with 6TB HD.	
	a. Makers' Name	
	b. Model No/Type	
	c. 24 IP Camera input H 264 H265/MJPEG dual codec decoding Up to 5 MP resolution Max 160 Mbps incoming bandwidth HDMI/VGA/TV simultaneous video output (Yes/No)	
	d. 32 Chanel real time preview Multi brand camera support and 3 D intelligent positioning with PTZ camera (Yes/No)	
	e. Includes 6 TB SATA HDD (Yes/No)	
	f. 4USB 4.0 Multiple network monitoring Web viewer & Remote video streaming on desktop and on Mobile App (*Yes/No)*	
	• Minimum 3 Year replacement warranty (Yes/No)	
5	**Supply and Installation of 4 MP PTZ camera with outdoor bracket and mounting accessories.**	
	• Maker's Name	
	• Model No/Type	
	• Image sensor : 4 MP Progressive scan (Yes/No)	
	• Range: 50 Mtr (Yes/No)	
	• Video Bit Rate:32 kbps – 12 Mbps (Yes/No)	
	• Video Compression : H 264, H265/MJPEG (Yes/No)	
	• *Dual Stream encoding (Yes/No)*	
	• *Max Image Resolution:* 2688 x 1520 *(Yes/No)*	
	• *Frame rate : 25 Fps (Yes/No)*	
	• *Minimum Three Year replacement Warranty(Yes/No)*	
6	**Supply and installation PTZ Configuration and gang box**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Minimum 3 Year replacement warranty (Yes/No)	
7	**Supply and Installation of Bullet camera 4 MP with outdoor bracket and mounting accessories.**	
	• *Makers' Name*	
	• *Model No/Type*	
	• *Image Sensor: 2 MP HD.32 X Optical Zoom (Yes/No)*	
	• *IR LED's Range: 200 Mtr (Yes/No)*	
	• *Auto iris Auto focus & water proof (yes/No)*	
	• *360' endless pan rotation (Yes/No)*	
	• *Video Compression: H 264,H265/MJPEG (yes/No)*	
	• *Dual Stream encoding (yes/No)*	

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	• *Max image Resolution 2560 x 1440 (yes/No)*	
	• *Frame rate: 25-30 Fps (yes/No)*	
	• *Minimum 3 Year replacement Warranty (yes/No)*	
8	**Supply and installation of 1 KVA UPS.**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Capacity: 1000 VA (Yes/No)	
	• Digital display Indication (Yes/No)	
	• Minimum 3 Year replacement Warranty (Yes/No)	
9	**Supply and installation of POE switch – 8/16 port**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Minimum 3 Year replacement warranty (Yes/NO)	
10	**Supply and installation of 32'' LED Monitor.4K UHD 2160p**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Screen Size (Diagonal)	
	• Resolution 3840 x 2160	
	• Brightness	
	• Static Contrast ratio	
	• Minimum 3 Year replacement warranty (Yes/No)	
11 & 12	**11. Supply and Installation of 9U Rack** **12. Supply and installation of 6U Rack**	
	• *Makers' Name*	
	• *Model No/Type*	
	• Minimum 3 Year replacement warranty (Yes/No)	

GENERAL TECHNICAL CONDITION:

1. The erection work should be carried out according to the specification and as per instructions and programmed laid out by the Engineer in-charge of the work.
2. The contractor should employee as Supervisor with sufficient qualification and experience who can supervise the execution of work throughout. He should always be present on the site.
3. Cutting, bending, welding, brazing, wherever necessary is to be done by the contractor.
4. The contractor has to carry out all the works in accordance with revised and latest provision under I.E. Rules Act made there under and as per instruction of Engineer in charge.
5. Contractor has to co-ordinate E.I.C. for planning of outage and work schedule thereof, so as to complete all the planned work in outage. Contractor has to deploy adequate manpower accordingly.
6. In addition to the general of the construction particular, attention shall be paid to the final finish and every effort shall be made to have the entire work contented with standard of workmanship by the contractor.
7. **Electricity Rules**: -All the works shall be carried out in accordance with latest rules under Electricity Act.

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8. **Testing**: - Complete installation shall be put to the necessary test as required and shall be got approved by Government Electrical Inspector.

9. CONTRACTOR'S MATERIALS BROUGHT TO SITE

a) The Contractor shall bring to Site all materials, including construction equipment, tools and tackles for the purpose of the works under intimation to the Engineer. All such goods shall, from the time of their being brought vest in the Owner, but may be used for the purpose of the works only and shall not on any account be removed or taken away by the Contractor without the written permission of the Engineer. The Contractor shall nevertheless be solely liable and responsible for any loss or destruction thereof and damage thereto.

b) After the completion of the Works, the Contractor shall remove from the Site under the direction of the Engineer the materials such as construction equipment, erection tools and tackles, scaffolding etc. with the written permission of the Engineer.

10. <u>FIELD OFFICE RECORDS</u>

The Contractor shall maintain up to date copies of all drawings, specifications and other Contract Documents and any other supplementary data complete with all the latest revisions thereto. The Contractor shall also maintain in addition the continuous record of all changes to the above Contract Documents, drawings, specifications, and supplementary data, etc. effected at the field and on completion of his total assignment under the Contract shall incorporate all such changes on the drawings and other Engineering data to indicate as installed conditions of the equipment furnished and erected under the Contract. Such drawings and Engineering data shall be submitted to the Engineer in required number of copies.

11. Contractor shall purchase all brought out items as per schedule-B with taking prior approval from Executive Engineer, (Const.) Deesa. Any item without approval shall not be permitted and GETCO shall not be responsible for accept such items.

12. **DISCIPLINE OF WORKMEN**

The Contractor shall adhere to the disciplinary procedure set by the Engineer in respect of his employees and workmen at Site. The Engineer shall be at liberty to object to the presence of any representative or employee of the Contractor at the Site, if in the opinion of the Engineer such employee has misconduct himself or is incompetent or negligent or otherwise undesirable and then the Contractor shall remove such a person objected to and provide in his place a competent replacement.

13. CONTRACTOR'S FIELD OPERATION

1 The Contractor shall keep the Engineer informed in advance regarding his field activity plans and schedules for carrying-out each part of the works. Any review of such plan or schedule or method of work by the Engineer shall not relieve the Contractor of any of his responsibilities towards the field activities. Such reviews shall also not be considered as an assumption of any risk or liability by the Engineer or the Owner or any of his representatives and no claim of the Contractor will be entertained because of the failure or inefficiency of any such plan or schedule or method of work reviewed. The Contractor shall be solely responsible for the safety, adequacy and efficiency of plant and equipment and his erection methods.

2 The Contractor shall have the complete responsibility for the conditions of the Work-site including the safety of all persons employed by him or his Sub–Contractor and all the properties under his custody during the performance of the work. This requirement shall apply continuously till the completion of the Contract and shall not be limited to normal working hours.

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14. PROGRESS REPORT

The Contractor shall furnish three (3) copies each to the Engineer of progress including if any, photographs of the work done at Site. The monthly progress report detailing-out the progress achieved on all erection activities shall highlight comparison to the schedules. The report shall also indicate the reasons for the variance between the scheduled and actual progress and the action proposed for corrective measures, wherever necessary.

15. MAN-POWER REPORT

The Contractor shall submit to the Engineer, on the first day of every month, a man hours schedule for the month, detailing the man hours scheduled for the month, skill-wise and area-wise.

16. Contract Quality assurance:

The Bidder shall include in his proposal the Quality Assurance Programme containing the overall quality management and procedures which he proposes to follow in the performance of the Works during various phases. At the time of Award of Contract, the detailed Quality Assurance Programme to be followed for the execution of the Contract will be **mutually discussed and agreed and such agreed Programme shall form a part of the Contract.**

17. Scope of work regarding installation of pole or mounting structure and underground cable laying work (if require) included in scope of contractor.

18. you have to submit undertaking to provide or supply any spare of system, which may require, for 5 years at least.(excluding G.P.).

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SPECIAL TECHNICAL CONDITION:

1. All erection work is to be carried out as per the manual of OEM (Original equipment manufacturer), FQP, approved drawing, specification and instruction of E.I.C.
2. All equipment erection charges are inclusive of shifting dragging handling of the respective equipment up to erection site from its S/S site store.
3. Contractor has to ensure safe shifting dragging erection of all equipments to comply with labour laws I.E. rules etc.
4. All erection charges are inclusive of fixing of clamp connectors, all necessary accessories to the respective equipments.
5. All erection work includes erection insurance to be arranged by the contractor at his cost.
6. All the required tools and tackles like compression jointing machine for conductor, earth wire, cutting machine, welding set, drill machine, etc are to be arranged by the contractor at his cost.
7. Contractor should complete transportation within one job as per schedule if applicable.
8. All the brought out items get to be approved from DE/EE invariably for its specifications and quantity to be order out only as per instruction of EIC looking to the site condition. Payment will be given for those quantity for which clearance given from EIC and not for those which is mentioned in A/T.
9. Contractor has to make arrangement for site engineer and skill labours for maintaining all activities and records as per FQP..
10. All items / materials shall be installed / erected in accordance with specified manuals /technical guide lines of the manufacturer and as per instruction of EIC.
12. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.
13. All work should be done according to ISO & FQP and all require documents including filled FQP, testing results, etc should be submitted while handing over the project.
14. Contractor has to submit the planning bar chart before starting the work in kickoff meeting.
15. Contractor has to complete all the work related to this title in stipulated outage period as per instruction of EIC.
16. After successful completion / commissioning of work awarded to agency in all respect, security arrangement shall be made by GETCO subjected to advance intimation at least 15 days before work completion.
18. Contractor has to ensure safe shifting dragging erection of all equipments to comply with labour laws I.E. rules etc.
19. Contractor has to make arrangement for skill labours for assisting to commissioning engineer as an when require as per instruction of Engineer in charge.
20. After completion of project successful bidder has to submit all the records like Final as build check survey, profile, clearance, foundation register, soil classification record, stringing chart, material inventory sheet etc in hard and soft copy for handing over the project.
21. All items / materials shall be installed / erected in accordance with specified manuals /technical guide lines of the manufacturer and as per instruction of EIC.
22. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.
23. All work should be done according to ISO & FQP and all require documents including filled FQP, testing results, etc should be submitted while handing over the project.
24. Contractor has to submit the planning bar chart before starting the work in kickoff meeting.
25. Contractor has to complete all the work related to this title in stipulated outage period as per instruction of EIC.

GENERAL

GETCO
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
Corporate Identity no: U40100GJ1999SGC036018 (An ISO 9001-2008 Certified Company)
TRANSMISSION CIRCLE OFFICE, NAVSARI
Superintending Engineer (TR), 1st Floor, Transmission Circle Office, 220kV Sub-Station Campus, N.H. 48, Kabilpore, Navsari - 396427
Telephone no. (02637) 236232 / 236274 | Fax no. (02637) 236104 | Email : setrnavsari.getco@gebmail.com

ERECTION CONDITIONS OF CONTRACT

The following shall supplement the conditions already contained in other parts of these specifications & document and shall govern the portion of the work of this Contract to be performed at Site.
The Contractor upon signing of the Contract shall, nominate a responsible officer as his Representative at Site suitably designated for the purpose of overall responsibility and coordination of the works to be performed at Site. Such person shall function from the Site office of the Contractor during the pendency of Contract.

REGULATION OF LOCAL AUTHORITIES AND STATUTES

The Contractor shall comply with all the rules and regulations of local authorities during the performance of his field activities. He shall also comply with the Minimum Wages Act, 1948 and the Payment of Wages Act (both of the Government of India) and the rules made there under in respect of any employee or workman employed or engaged by him or his Sub- Contractor. He shall abide by labour laws
All initial registration and statutory inspection fees, if any, in respect of his work pursuant to this Contract shall be to the account of the GETCO. Should any such inspection or registration need to be re-arranged due to the fault of the Contractor or his Sub Contractor, the additional fees to such inspection and/or registration also shall be borne by the Contractor.

OWNER'S LIEN ON EQUIPMENT

The Owner shall have lien on all equipment brought to the Site for the purpose of erection, testing and commissioning of the equipment to be supplied & erected under the Contract.
The Owner shall continue to hold the lien on all such equipment throughout the period of Contract. No material brought to the Site shall be removed from the Site by the Contractor and/or his Sub-Contractors without the prior written approval of the Engineer.

ACCESS TO SITE AND WORKS ON SITE

A. Suitable access to and possession of the Site shall be afforded to the Contractor by the Owner in reasonable time

B. The works so far as it is carried out on the Owner's premises, shall be carried out at such time as the Owner may approve and the Owner shall give the Contractor reasonable facilities for carrying out the work.

C. In the execution of the works, no person other than the Contractor or his duly appointed representative, Sub- Contractor and workmen, shall be allowed to do work on the Site, except by the special permission, in writing of the Engineer or his representative.

CONTRACTOR'S SITE ESTABLISHMENT

The Contractor shall at all times keep posted an authorized representative for the purpose of the Contract. Any written order or instruction of the Engineer or his duly authorized representative shall be communicated to the said authorized resident representative of the Contractor and the representative shall be available at a stated address for this purpose

CO-OPERATION WITH OTHER CONTRACTORS

The Contractor shall co-operate with all other Contractors or tradesmen of the Owner, who may be

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performing other works on behalf of the Owner and the workmen who may be employed by the Owner and doing work in the vicinity of the Works under the Contract. The Contractor shall also so arrange to perform his work as to minimize, to the maximum extent possible, interference with the work of other Contractors and their workmen. Any injury or damage that may be sustained by the employees of the other Contractors and the Owner, due to the Contractor's work shall promptly be made good at the Contractor's own expense.

DISCIPLINE OF WORKMEN

The Contractor shall adhere to the disciplinary procedure set by the Engineer in respect of his employees and workmen at Site. The Engineer shall be at liberty to object to the presence of any representative or employee of the Contractor at the Site, if in the opinion of the Engineer such employee has misconducted himself or is incompetent or negligent or otherwise undesirable and then the Contractor shall remove such a person objected to and provide in his place a competent replacement

CONTRACTOR'S FIELD OPERATION

The Contractor shall keep the Engineer informed in advance regarding his field activity plans and schedules for carrying-out each part of the works. Any review of such plan or schedule or method of work by the Engineer shall not relieve the Contractor of any of his responsibilities towards the field activities. Such reviews shall also not be considered as an assumption of any risk or liability by the Engineer or the Owner or any of his representatives and no claim of the Contractor will be entertained because of the failure or inefficiency of any such plan or schedule or method of work reviewed. The Contractor shall be solely responsible for the safety, adequacy and efficiency of plant and equipment and his erection methods

The Contractor shall have the complete responsibility for the conditions of the Work- site including the safety of all persons employed by him or his Sub–Contractor and all the properties under his custody during the performance of the work. This requirement shall apply continuously till the completion of the Contract and shall not be limited to normal working hours.

PROGRESS REPORT

The progress report detailing-out the progress achieved on all erection activities shall highlight comparison to the schedules. The report shall also indicate the reasons for the variance between the scheduled and actual progress and the action proposed for corrective measures, wherever necessary.

MAN-POWER REPORT

The Contractor shall submit to the Engineer, on the first day, a man hours schedule for the work scheduled skill- wise and area- wise.

PROTECTION OF WORK

The Contractor shall have total responsibility for protecting his works till it is finally taken over by the Engineer. No claim will be entertained by the Owner or by the Engineer for any damage or loss to the Contractor's works and the Contractor shall be responsible for complete restoration of the damaged works to original conditions to comply with the specification and drawings.

EMPLOYMENT OF LABOUR

The Contractor will be expected to employ on the work only his regular skilled employees with experience of his particular work. No person below the age of eighteen years shall be employed. All traveling expenses including provisions of necessary transport to and from Site, lodging, Allowances and other payments to the Contractor's employees shall be the sole responsibility of the Contractor.

In case the Owner becomes liable to pay any wages or dues to Labour or any Government agency under any of the provisions of the Minimum Wages Act, Workmen Compensation Act, Contract Labour Regulation Abolition Act or any other law due to act of omission of the Contractor, the Owner may make such payment and shall recover the same from the Contractor's bills.

FACILITIES TO BE PROVIDED BY THE OWNER Space

Land for Contractor's Store, Workshop etc.

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a) The Engineer shall at his discretion and for the duration of execution of the Contract make available at site, land for construction of Contractor's field office, workshop, stores, etc. required for execution of the Contract. Any such temporary construction shall be done by the Contractor at his cost.

b) On completion of work the Contractor shall hand over the land duly cleaned to the Engineer. Until and unless the Contractor has handed over the vacant possession of land allotted to him for the above purpose, the payment of his final bill shall not be made.

FACILITIES TO BE PROVIDED BY THE CONTRACTOR

Tools, tackles and scaffoldings

The Contractor shall provide all the construction equipments; tools, tackles and scaffoldings required for pre-assembly, erection, testing and commissioning of the equipment covered under the Contract. He shall submit a list of all such materials to the Engineer before the commencement of work at Site. These tools and tackles shall not be removed from the Site without the written permission of the Engineer.

First-aid

The Contractor shall provide necessary first-aid facilities for all his employees, representatives and workmen working at the Site. Enough number of Contractor's personals shall be trained in administering first-aid.

Cleanliness

The Contractor shall be responsible for keeping the entire area allotted to him clean and free from rubbish, debris etc. during the period of Contract. The Contractor shall employ enough number of personnel to keep the work area clean. Materials and stores shall be so arranged to permit easy cleaning of the area. In areas where equipment might drip oil and cause damage to the floor surface, a suitable protective cover of a flame resistant, oil proof sheet shall be provided to protect the floor from such damage.

FIRE PROTECTION

The work procedures that are to be used during the erection shall be those, which minimize fire hazards to the extent practicable. Combustible materials, combustible waste and rubbish shall be collected and removed from the Site at least once each day. Fuels, oils and volatile or inflammable materials shall be stored away from the construction and equipment and materials storage areas.

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SECURITY

The Contractor shall have total responsibility for all equipment and materials in his custody/stores, loose, semi-assembled and/or erected by him at Site. The Contractor shall make suitable security arrangements ensure the protection of all materials, equipment and works from theft, fire, pilferage and any other damages and loss.

MATERIALS HANDLING AND STORAGE

A. All the equipment furnished under the Contract and arriving at Site shall be promptly received, unloaded, transported and stored in the storage spaces by the Contractor.

B. Contractor shall be responsible for examining all the shipment and notify the Engineer immediately of any damages, storage, discrepancy etc, for the purpose of Engineer's information only. The Contractor shall submit to the Engineer every week a report detailing all the receipts during the week. However, the Contractor shall be solely responsible for any shortages or damages in transit, handling and / or in storage and erection of the equipment at Site. Any demurrage, wharf age and other such charges claimed by the transporters, railways etc, shall be to the account of the Contractor.

C. The Contractor shall maintain an accurate and exhaustive record detailing out the list of all equipment materials received by him for the purpose of erection and keep such record open for the inspection of the Engineer in-charge.

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D. All equipment shall be handled very carefully to prevent any damage or loss. The Equipment stored shall be properly protected to prevent damage either to the equipment or to the floor where they are stored. The equipment from the store shall be moved to the actual location at the appropriate time so as to avoid damage of such equipment at Site.

E. All electrical panels, control gears, motors and such other devices shall be properly dried by heating before they are installed and energized. Motor bearings, slip ring, commutators and other exposed parts shall be protected against moisture ingress and corrosion during storage and periodically inspected.

F. All the electrical equipment such as motors, generators, etc. shall be tested for insulation resistance atleast once in three months from the date of receipt till the date of commissioning and a record of such measured insulation values maintained by the Contractor. Such records shall be opened for inspection by the Engineer.

G. The consumable and other supplies likely to deteriorate due to storage must be thoroughly protected and stored in a suitable manner to prevent damage or deterioration in quality by storage.

H. All the materials stored in the open or dusty location must be covered with suitable weatherproof and flame proof covering material wherever applicable.

I. If the materials belonging to the Contractor are stored in areas other than those earmarked for him, the Engineer will have the right to get it moved to the area earmarked for the Contractor at the Contractor's cost.

J. The Contractor shall be responsible for making suitable indoor storage facilities to store all equipment, which require indoor storage. Normally, all the electrical equipment such as motors, control gears, generators, exciters and consumables like electrodes, lubricants etc. shall be stored in the closed storage space. The Engineer, in addition, may direct the Contractor to move certain other materials, which in his opinion will require indoor storage, to indoor storage areas, which the Contractor shall strictly comply with.

GENERAL COMMERCIAL CONDITIONS:-

1. The Gujarat Energy Transmission Corporation Ltd., Navsari hereinafter called 'GETCO'/'OWNER' intends to receive bids for **Supply , Installation , Commissioning of CCTV camera Surveillance System Make –Dahua, Hikvision, Sony, Samsung , Zicom or Equivalent to CE, FCC & RoHS certified at Vav store under Construction division Navsari.** detailed in the accompanying specifications in accordance with Terms and Conditions herein. The bids shall be prepared and furnished as per these instructions.
2. The erection work should be carried out according to the specification and as per instructions and programmed laid out by the Executive Engineer-in-charge of the work.
3. The Gujarat Energy Transmission Corporation Limited does not bind itself to accept the lowest or any tender. GETCO reserves the right to reject any or all tender without signing any reasons whatsoever.
4. The contractor should employee as Supervisor with sufficient qualification and experience who can supervise the execution of work throughout. He should always be present on the site.
5. The erection work should be commenced immediately from the date of receipt of instructions from office and should be completed within thereafter.
6. As regard damage the materials, equipment and worker of the contractor, he himself will be responsible. If there is any compensation to be paid in respect of "WORKMAN" compensation act of any other statutory provisions, the same will have to be paid by the contractor direct. If he thinks fit he may take necessary insurance cover, at his cost.
7. **PRICE EVALUATION:**

   No price preference shall be given on any account. All tenders will be evaluated on firm price end cost basis with all types of taxes. The parties however will have to give the detailed break-up of the end cost. **Price Bid will be evaluated on end cost only**.

   GETCO's decision shall be final and binding on all the parties.
8. **Prices:**

   Prices quoted should be FIRM and on F.O.R. Destination basis (As per Annexure-C). However, the

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Tenderer should indicate in the Schedule – "B" i.e. Price Bid only, the Break-up of Unit F.O.R. Destination Prices stating the **Unit price, GST.**

9. **The validity of tender is 180 days from the date of opening of technical bid**
10. **Evaluation of Tenders:**

Tenders shall be called for in two bids-

A. Techno-commercial Bid and
B. Price Bid. Price Bid of Techno-commercially qualified Bidders will be opened.

11. **Earnest Money Deposit:**
    a. Bidders are requested to pay an earnest money deposit by demand draft only on any Nationalized Bank at Navsari for the amount as specified in the tender notice. Payment of EMD in form of Cheque or any other form shall not be accepted.
    b. The EMD shall be submitted along with submission of Technical bid only. Tenders no accompanied by EMD shall be rejected.
    d. If during the tender validity period, i.e. 120 days, the tenderer withdraws his tender, the EMD shall be forfeited and the tenderer may be disqualified from tendering for future works of GETCO.
    e. The EMD will be returned promptly to the unsuccessful tenderer. The EMD will be returned to the successful tenderer after he furnishes the Security Deposit for performance and duly enters into the contract. If he fails to furnish the SD or to execute the contract for the work offered to him, his EMD shall be forfeited and the tenderer may be disqualified from tendering for further works for GETCO.
    f. No any exemption for SSI / NSIC or subsequent registration with CSPO / NSIC / DGS&D for above work.
    g. No interest will be allowed against payment of EMD

12. All commercial terms and conditions except rates shall be indicated in the technical & Commercial bid only.
13. The Tenderers shall specifically note that the Tenders are invited on item rate basis only.

14. Arithmetical error will be rectified on the following basis :
    a. 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. If there is a discrepancy between the total bid amount and the sum of total costs, the latter shall prevail and the total bid amount will be corrected accordingly. If there is a discrepancy between work and figures, the amount advantageous to the Owner will prevail. If the bidder does not accept the correction of the errors as above, his bid will be rejected and the amount of EMD will be forfeited. The bidder should ensure that the prices furnished in various price schedules are consistent with each other.
    b. In the case of any inconsistency in the prices furnished in the specified prices schedules to be identified in Bid Form, the Owner shall be entitled to consider the Highest price for the purpose of evaluation and for the purpose of award of Contract use the lowest of the prices in these schedules.
    c. Prior to the detailed evaluation, the Owner will determine the substantial responsiveness of each bid to the Bidding Document. For purpose of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Document without material deviations. A material deviation is one which affects in any way the prices, quality, quantity or delivery period of the equipment, completion of works or which limits in any way the responsibilities or liabilities of the Bidder of any right of the Owner as required in these specifications and documents. The Owner's determination of a bid's responsiveness shall be based on the contents of the bid itself without resource to extrinsic evidence.

    d. Bid determined as not substantially responsive will be rejected by the Owner and may not subsequently be made responsive by the Bidder by correction of non- conformity.

15. The tenderer will ensure submission of the Tenders duly filled in before the due date and

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time.

16. Tenderer will be qualified only who have submitted all the required documents as mentioned in qualification requirement.
17. The successful tenderer will have to pay the security deposit of 10% value of the Contract value and performance bank Guarantee of 10 % value of the contract value.
18. In case of any dispute/ doubt, the decision of SE (TR) Navsari shall be unchallengeable, final and binding to the contractor. Any dispute arising out of this tender document will be subject to Navsari jurisdiction.
19. The quantities mentioned are approximate and may be increased or decreased while Placing the order.

20..1 **PRICES:**

If the Supplier/Contractor has opted for the Composition scheme of GST, the same must be clearly specified with valid Declaration & Certificate from Department. In the event of withdrawal/cessation of the Supplier from Composition scheme during the tenure of the contract, the rate (i.e. price) mentioned in the price bid shall be final and any additional GST will have to be borne by the tenderer himself. In no case additional amount towards GST or otherwise will be paid / reimbursed to supplier/contractor. Further Statutory Variation clause will not be applicable in case of Supplier / Contractor has opted for Composition Scheme under GST.

Also, please mention separate applicable HSN / SAC Code and rate of GST and Cess as applicable for each item of Goods/Service. If not specifically mentioned, then COMPANY will have the option to take the prices as exclusive of taxes and duties at maximum higher slab rates for the evaluation of the tenders.

The offers having price INCLUSIVE OF GST and Cess is likely to be rejected if the rate of GST and Cess is not mentioned clearly unless the bidder has opted for Composition Scheme under GST Act, which should be clearly indicated in the price bid. COMPANY may at its discretion consider such offer with presumption of highest applicable rate of VAT/GST/Cess prevailing when the price quoted is inclusive of GST and Cess.

The offered prices to be indicated in online mode of tender in the format given (i.e. Schedule-B). The price bid submitted in physical mode shall not be considered.

Every bidder shall inform their GSTIN No. of the registered place(s) wherefrom the bidder intends to supply the goods / services, meaning thereby the bidder has to supply the goods / services from the relevant declared / registered place of supply only.

20.2 Goods and Service Tax (GST):

The F.O.R. Destination prices are excluding GST and Cess as applicable which will be paid extra on a given taxable goods and/or services within the original contractual delivery period. The amount of GST, Percentage (%) of GST and Cess as applicable should clearly be indicated separately. (GST/Cess means all applicable Tax/Cess under GST Laws. GST Laws means IGST Act, GST(Compensation to the State for Loss of Revenue) Act, CGST Act, UTGST Act and SGSCT Act, 2017and all related ancilliary legislations).

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You shall have to submit a C.A Certificate& duly authorized Signatory of successful bidder, certifying that you have not claimed Refund of any applicable GST and Cess, charged to COMPANY or shall not claim any such Refund, on a future date, from the concerned Authorities and if, any Refund, in respect of such GST and Cess, is claimed by you, it will be immediately passed on to the COMPANY, without COMPANY making any specific Claim, for the same, either from the Department or from you.

If the Supplier/Contractor has opted for the Composition scheme of GST, the same must be clearly specified with valid Declaration & Certificate from Department. In the event of withdrawal/cessation of the Supplier from Composition scheme during the tenure of the contract, the rate mentioned in the price bid shall be final and any additional GST will have to be borne by the tenderer. In no case additional amount towards tax or otherwise will be paid / reimbursed to supplier/contractor. Further Statutory Variation clause will not be applicable in case of Supplier / Contractor has opted for Composition Scheme under GST.

Contractor has to provide Tax invoice in a standard format as per CGST act, CGST rules 2017 and GST invoicing rules containing all details as provided Act and rules. Contractor / Supplier has to mentioned GST no. of GETCO **24AABCG4029R2ZC** in the invoice invariably failure of which payment will not be made.

GST at the applicable rate will be levied on the total of schedule B. GST will be subject to CGST, SGST, UTGST, IGST act and rules, regulation and notifications issued by government from time to time. Contractor has to classify the supply / services according to the HSN / SAC of CGST Act, 2017. GETCO also reserve the right of classification in case of any misclassification of goods / services.

Further, any additional liability of GST (later on due to wrong mentioning of GST rate, mis-interpretation of HSN/SAC Code, etc.) over and above as charged in the invoice shall be borne by the Supplier/Contractor. However, any refund received by the supplier / contractor on account of GST charged from the company; such refund shall have to be passed on to the company, along with interest if any. Such refund along with interest needs to be passed on suo-moto by the supplier / contractor.

The amount of GST in the invoice will be reimbursed subject to matching of transaction in GST return. In case of mismatch, amount of GST will be retained from the subsequent invoice of the contractor. For final bills, GST will be retained and reimbursed on matching the same in GST return and after receipt of request from the contractor.

Further, the Company has a right to recover the amount of GST along with penal interest at the rate of 15% per annum if GST charged is not paid / short paid to the government or fail to upload the details or uploads inaccurate particulars on GSTIN portal by the Supplier / Contractor within the stipulated time limit.

In case, Govt. revises the rate of GST rate / Code during the tenure of the contract, the provision of GUVNL's statutory variation clause shall apply.

20.3 INPUT TAX CREDIT BENEFIT :

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In the event of any statutory increase in the rate of Input Tax Credit and / or due to inclusion of any other additional item of their inputs / input services under the ambit of the Input Tax Credit provisions under the GST Act, subsequent to the date of submission of the offer, the same should be passed on to COMPANY and you should inform such changes to COMPANY from time to time.

20.4 STATUTORY VARIATION:

Any statutory increase or decrease in the taxes and duties including GST and Cess as applicable or in the event of introduction of new tax/cess or cessation of existing tax/cess subsequent to suppliers offer if it takes place within the original contractual delivery date will be to COMPANY's account subject to the claim being supported by documentary evidence. However, if any decrease takes place after the contractual delivery date, the advantage will have to be passed on to COMPANY.

Statutory Variation clause will not be applicable in case of Supplier / Contractor has opted for Composition Scheme under GST.

22. **Security deposit**: - The tenderer shall have to pay security deposit 10% of the contract value by demand draft of any schedule bank situated at "Navsari" or Bank Guarantee or in form of FDR in the name of "Gujarat Energy corporation Limited/A/c. name of bidder in the transmission circle office Navsari within 15 days from the receipt of letter of acceptance (LOA). The security deposit will be refunded only after receiving of satisfactory performance certification regarding supply and commissioning of CCTV camera on completion of execution period of supply of materials to all stations/stores as per annexure-C. If Security Deposit is not paid within 15 days of issue of LOA, EMD paid will be forfeited. If S.D. Exemption is claimed against NSIC certificate, the NSIC certificate more than03 years old will not be considered. If the validity of the certificate expires prior to completion of the order, then it has to be got revalidated from NSIC by the Tenderer and submitted immediately; otherwise bidder shall have to arrange for payment of Security Deposit. S.D. should be paid within 30 (Thirty) days after receipt of the order.
The rate of security deposit and performance guarantee is of 10%, the same be considered as 4% for micro & small scale industrial(Manufacturing units of Gujarat state, while for others it is 10%.
Security Deposit if paid will be returned on successful completion of the Order and only after the Performance Guarantee Condition is fulfilled.
If the full Security Deposit amount is not paid within 30 (Thirty) days after the receipt of the order OR Valid & Notarized NSIC certificate is not submitted, then the order will be out rightly cancelled at the risk & cost of the Tenderer (at the discretion of the Corporation) and without entering into any correspondences and this will be binding on the Tenderer.

23. The tender includes all minor accessories and items of work which are not have been specifically mentioned in the specification schedule etc. but are essential for completion of work. The contractor will not be eligible for any extra payment in respect of such minor accessories and items of work.

24. **Time Limit:** The time limit shall be of **01 (One) Month** after DOC issued by concern division office, for supply, installation and commissioning of CCTV surveillance system, failing which the penalty ½% per week or part thereof on delayed portion of work and / or supply value subject to ceiling of 10% of the total contract value will be imposed. GST will also be levied on penalty amount.

25. ***Penalty for late delivery:***

In case, the materials are not delivered within the period stipulated in the order, penalty shall be levied at ½% per week on the prices (End cost) subject to maximum 10% reckoned on the value of late delivered supplies. Due consideration will be given for waival / levy of penalty only for the reasons absolutely beyond your control (Viz.

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Force Majeure conditions) for which documentary evidence will have to be provided. The request for extension in delivery giving reasons and supporting documents shall have to be made within one month on completion of the supply. GST will also be levied on penalty amount.

"D.G.S & D. FORCE MAJEURE CLAUSE"

"If, at any time during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, act of the public enemy, civil commotion, sabotage fires, floods, explosion, epidemics, quarantine restrictions, strikes lockouts or acts of God (hereinafter referred to as event)", then provided notice of the happening of any such event is given by either party to the other within twenty one days from the date of occurrence there of neither party shall by reason of such event be entitled to terminate this contract nor shall either party shall have any claim for damages against the other in respect of such non-performance of delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to end or ceased to exist, and the decision of the Secretary as to whether the deliveries have been so resumed or not shall be final and conclusive.

Provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the Secretary, which shall be final, all unused undamaged and acceptable materials brought out components, and stores in course of manufacture in the possession of the Supplier at the time of such termination or such portion thereof as the Purchaser may be deem fit excepting such materials, brought out component and stores as the supplier may with concurrence of the Purchaser elect to retain".

Explanation: The expression contractual delivery date shall mean and included any date on which, or the last day of the period within which, the whole part of the goods are contacted to be delivered.

26. EXTENSION IN CONTRACTUAL DELIVERY DATE:

It will be supplier's responsibility to ensure that goods are delivered within the stipulated delivery period. However, if on account of reasons beyond ones control as laid down in the

DGS & D Force Majeure Conditions

the GETCO may consider extension of delivery period with or without statutory variations. However, delivery extensions will be considered only after execution of the order fully and upon submission of documentary evidence for the reasons of delay. However, such extension will be subject to the following conditions shown hereunder.

a) That no increase in price on account of any statutory increase in or fresh imposition of GST or on account of any other tax or duty livable in respect of the stores specified in the said acceptance of the tender which may take place on or after the contractual delivery date of the A/T referred to above shall be admissible on such of the said stores as are delivered after the original contractual delivery date and

b) That notwithstanding any stipulation in the contract for increase in price on any other ground, no such increase which has become effective on or after the contractual delivery date of this said A/T shall be admissible on such of the said stores as are delivered after the original contractual delivery date.

But nevertheless, the purchaser shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty, excise duty, sales tax or on account of any other tax or duty or on any other ground as stipulated in the A/t., which takes place or on after the contractual delivery date of the said A/T.

27. GST tax shall be reimbursed on production of proof of such payments made by the contractor to the appropriate department.

28. The contractor will have to give indemnity bond for material on Non-judicial Stamp paper of value **Rs. 100/-** to GETCO as per attached format. **The cost of stamp paper will be borne by the contractor.**

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29. **The contractor will have to give safety cum indemnity on** Non-judicial Stamp paper of value **Rs. 100/- to GETCO against any possible claim of compensation for damage to contractor's staff or any of third party during the execution of work. The cost of stamp paper will be borne by the contractor.**
30. ***Also the successful bidder will have to execute Agreement on stamp paper of value Rs.100/- at our Transmission Circle, GETCO, Navsari before commencement of works as per GETCO's prescribed Performa.*** **The cost of stamp paper will be borne by the contractor.**
31. **SUPPLY OF MATERIALS AT GETCO'S STORES(SUB-STAION):**
    The Tenderers will have to agree to supply any of the quantities at GETCO'S Sub—stations & stores as per annexure-C.
32. **Packing and forwarding charges:**
    The prices are inclusive of packing & forwarding charges. The stores should be strongly and adequately packed to ensure safe arrival at destination fully covering such overseas shipping as rough handling and possible corrosion due to exposure to salt laden atmosphere salt salary or open storage. All packing must be clearly marked with order number and consignees name and address.
33. **TRANSIT INSURANCE:**
    The prices are inclusive of transit insurance charges. All the materials will be required to be supplied up to sub-station as per annexure-C against all transit risks, such as damage, loss, theft, fire, etc. The insurance period shall cover 30 days after the date of receipt of materials at site in order to enable the GETCO to check up stores fully. The suppliers will be responsible for free replacement of such stores components as may be reported by the consignee which have been received short, damaged or broken within 30 days. The cost of damaged, defective stores materials will however be deducted from the bills of the suppliers and will be refunded only after replacement thereof. It will be the responsibility of the supplier to lodge claim against the insurance on receiving necessary advice from the consignee.
34. **Inland Freight:**
    The prices are inclusive of Inland Road Freight charges. The goods shall be Dispatched freight paid.
35. **Guarantee**: -
    If the goods, stores and equipments found defective due to bad design or workmanship the same should be replaced by you free of charge if reported within **24 months** from the date of commissioning of equipments. It is the responsibility of the contractor to handover the complete work free of all defects. If within seven days from the date of receipt of such notice, the contractor does not take up the work, same will be carried out at his risk and cost. You will be responsible for the proper performance of the equipment's / materials for the respective guarantee period.
36. **PERFORMANCE GUARANTEE (PG):**
    The tenderer shall have to pay PERFORMANCE GUARANTEE 10% of the contract value by demand draft of any schedule bank situated at "Navsari" or Bank Guarantee or in form of FDR in the name of "Gujarat Energy corporation Limited/A/c. name of bidder in the transmission circle office Navsari within 30 days from the receipt Acceptance of Tender (Purchase order), then the order will be out rightly cancelled at the risk & cost of the Tenderer (at the discretion of the corporation) and without entering into any correspondences and this will be binding on the **Tenderer. period of B.G should be valid for 24 Month from the date of commissioning of equipment**
37. **Replacement of goods broken or damaged or received short:**
    In the event of any spares or part thereof being broken or damaged or received short during transit or during the testing and trial at site before commissioning in service you shall replace the same free of cost. However, GETCO will arrange recoveries of amount equivalent to cost of such damaged / broken / short supplied materials before actual replacement is given.
38. Tenderer will be qualified only who have submitted all the required documents as mentioned in tender notice.
39. *No higher rate of revised rate will be applicable for the work, if work is held up/ closed due to whatever so reasons.*
40. In case of any dispute/ doubt, the decision of **Superintending Engineer, Transmission Circle, GETCO, Navsari** shall be unchallengeable, final and binding to the contractor.

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41. As regard damage the materials, equipment and worker of the contractor, he himself will be responsible. If there is any compensation to be paid in respect of "WORKMAN" compensation act of any other statutory provisions, the same will have to be paid by the contractor direct. If he thinks fit he may take necessary insurance cover, at his cost.
42. Cutting, bending, welding, brazing, wherever necessary is to be done by the contractor.
43. The quantum of the supply/work as mentioned in estimate/ schedule –'A' is tentative and it can be varied or differed as per site condition. The payment shall be made only on actual work executed or order quantity, whichever is less.
44. The tenderer will be abided by and fulfill all the terms and provisions of the "Tender & Contract" for works as applicable and incase of any default there to the GETCO shall forfeit the Security deposit & performance Guarantee or any other action as may be decided by **Superintending Engineer, Transmission Circle, GETCO Navsari.**
45. The time limit for the supply & work may be reduced and contractor should make all his efforts to complete the work within stipulated time limit as may be given by the Engineer in charge depending upon emergency of work, GETCO reserves the right to reduce the time limit without giving any notice.
46. Contractor will abide by and fulfill all the terms and conditions and general terms and condition of the contract for works available in the office.
47. All other general terms and conditions as prevailing in the GETCO shall be applicable to the contract.
48. The cost of damages, if any will be recovered from the Contractor's bill. The assessment of which will be done by field Engineer at his sole discretion and his decision shall be binding to the contractor and shall be considered as final and unchallengeable.
49. The contractor will have to complete entire job as per directive and instruction of Engineer in charge. If he fails to do so entire work will be carried out at contractor's risk and cost.
50. The tender shall be issued to only the experienced contractor who has completed such job of similar nature and magnitude satisfactorily in time. However, issuance of blank tender, does not qualifies the tenderer to offer the bid.
57. Tender offer without payment of EMD required certificate, documents, list of tools, tackles, equipments etc. required for execution of job will be out rightly rejected without assigning any reason thereof and decision of **Superintending Engineer, Transmission Circle, GETCO Navsari** will be final and unchallengeable.
51. The Contractor will be governed by The GETCO's general conditions of works contract. The Booklet will be available in the concerned office in any working days. In the event of placing order, the contractor will have to sign this booklet along with other document and agreement. All the usual terms and conditions of the GETCO, through the same might have not been mentioned in this specification or contractor booklet will applicable to this contract, and the decision of the Executive Engineer/ Superintending Engineer shall be binding on the contractor.
52. Specification in any items mentioned in tender are subject to change without any prior notice and binding to the contractor.

53. GETCO shall deduct the Income-Tax and other taxes as per prevailing rules from each and every bill.
54. The contractor has to follow all labour laws, safety rules and regulations. The GETCO does not take any responsibility in case of accident or injury to the workers. The safety/ security of men, materials and equipments shall be sole responsibility of the contractor.
55. The compliances of all Central/ State Govt. rules, safety and insurance rules etc. and that of local body, is a must condition for the agency.
56. The Gujarat Energy Transmission Corporation Limited does not bind itself to accept the lowest or any tender. GETCO reserves the right to reject any or all tender without signing any reasons whatsoever.
57. The installation work should be commenced immediately from the date of receipt of instructions from office and should be completed within thereafter.
58. The tender includes all minor accessories and items of work which are not have been specifically mentioned in the specification schedule etc. but are essential for completion of work. The contractor will not be eligible for any extra payment in respect of such minor accessories and items of work.

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59. The contractor has to carry out all the works in accordance with revised and latest provision under I.E. Rules Act made there under and as per instruction of Engineer in charge.
60. No subcontractor, Power of Attorney shall be allowed.
61. Contractor has to co-ordinate E.I.C. for work schedule thereof, so as to complete all the planned work. Contractor has to deploy adequate manpower accordingly.
62. No tools, tackles, manpower etc. will be provided by the GETCO.
63. No higher rate or revised rate will be applicable for the work, if work is held up/ closed due to whatever so reasons.
64. GETCO will not pay any idle charge for any site conditions or any circumstances.
65. Specification in any items mentioned in tender are subject to change without any prior notice and binding to the contractor.
66. The bidder shall specifically note that GETCO will not pay any extra amount towards any type of claim except for the description indicated in Schedule – 'A'. The party has to carry out all other/ additional required activities/ works as directed by Engineer in charge which is not mentioned in Schedule but required to be completed as per site condition and for this work no extra payment shall be made by GETCO.
67. It will be bidder's sole responsibility for erection of complete line/equipment in all respect as per the provision of I.E. Rules and procedures and as per the instruction of Engineer in charge.
68. In addition to the general of the construction particular, attention shall be paid to the final finish and every effort shall be made to have the entire work contented with standard of workmanship by the contractor.
69. **GENERAL:-**

a) Electricity Rules: - All the works shall be carried out in accordance with latest rules under Electricity Act.

b) The interpretation of specifications doubts etc.:- In case of any doubts about what is mentioned in specification or schedule or elsewhere, the tenderer should get all doubts cleared from the Department in writing and in advance of filling in the Tender. In case of difference of opinion about interpretation o f specification etc the decision of **Superintending Engineer, Transmission Circle, GETCO Navsari** will be final and shall be binding to the contractor.

d) Accounts of Materials issued:- The contractor shall have to maintain accurate day to day and item wise account of use of issued materials which shall be got checked from time to time by the representative of the GETCO. The contractor will be responsible for custody and preserving the issued materials till the work is handed over by the contractor after completion.

e) The contractor has to maintain site register, covering all the daily details of material receipt and utilization, progress of work etc. This register shall be checked and signed by Engineer in charge

70. The contractor will be responsible for the loss, distribution of deterioration of the materials, stores or articles, even if such a loss distribution or deterioration has occurred under any circumstances whatsoever beyond his control as if the materials, stores or articles so supplied were his property.
71. The competent authority can delete any item in schedule of the tender, if he feels that the rate quoted by the contractor for that item is abnormally high when compared to the estimated rates.
72. **Delivery of Material: -** All material/ equipment required for this work is to be delivered as per annexure-C.
73. The contractor shall not refuse to execute this work order at any time and it will be his sole responsibility to execute and complete this work as per the instruction of Engineer in charge.
74. **Submission of Bill:**

You should forward the R/R/TR directly to the consignee along with the triplicate copy of the bill. The original and duplicate copy of the bill along with relevant documents including approved Test Certificate where applicable should be sent to concerned executive engineer of concerned division, failing which the bills will be returned. You should prepare bills as per the terms of the contract. The consignee, on receipt of the triplicate bill immediately forward the certificate of Railway Receipt for payment and store receipt note together with other relevant document giving reference to the Bill No. and date to concerned division of concerned

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circle. The triplicate copy of the bill should be certified by the consignee. You should mention on the original Bill, No. and date of GST Registration Certificate held under GST Act. The original bills should be marked Original in red ink by you. Date of submission of Test Certificate and this office reference no. approving the same should always be given on the invoice in which the payment is being claimed. The GETCO shall not be responsible for any delay in payment of bills if you fail to comply with any of the instruction given in acceptance of tender.

75. Payment of Bills:

All payments against this order by this GETCO will be made through a RTGS, subject to a stamped receipt for the payments as advises, being sent in advance. Such advance receipt may be headed Advance Receipt.Bill Submitted to Executive Engineer Const. Deesa.

76. REPEAT/ADDITIONAL ORDERS:

The GETCO reserves the right to place repeat orders / additional orders on the successful tenderer's up to 25% of the original quantity of the A/T at the same prices terms and conditions stipulated in the original contract and within 4 months after completion of the delivery period. In special circumstances the Corporation will reserve the right to place repeat order / additional order up to 100% quantity mutually agreed upon.

77. PROTECTION OF PROPERTY AND CONTRACTOR'S LIABILITY

The Contractor shall be responsible for any damage resulting from his operations. He shall also be responsible for protection of all persons including members of public and employees of the Owner and the employees of other Contractors and Sub-Contractors and all public and private property.

78. GETCO reserves the right to increase or decrease the quantity against each item/s while placing the order.

79. GETCO reserves the right to cancel any or all the offers / bids or to accept any offer without assigning any reasons.

80. No price escalation will be allowed. Rate quoted should be firm up to the period of contract.

81. The party has to provide product as per technical specification.

82. (A) The successful bidders shall have to enter into a Purchase Agreement between GETCO and the successful bidder. This purchase Agreement has to be executed on Non-Judicial stamp paper of Rs. 100/- duly notarized. The cost of Non judicial stamp & Notary charges will be borne by the successful bidders.

(B)The officer who signs LOA/Purchase Order as per DOP is authorized to sign the agreement documents on behalf of the GETCO company and from the successful bidder's side the agreement can signed by the authorized representative as mentioned hereunder:-

(i) If the authorized representative is from a partnership firm, then a certified copy of the registered partnership deed must be attached along with the signatures of other partners who have authorized the particular partner to execute and sign the agreement.

(ii) If it is a private or public limited firm, a copy of the resolution, authorizing the person to execute & sign the agreement on behalf of the firm, passed by the Board of Directors along with the Company's Seal must be attached with the agreement.

(i) If it is a proprietary firm, then the proprietor himself should execute & sign the agreement and his full residential address must be available in the file.

(C) Upon submission of Performance Bank Guarantee towards execution of contract against LOA and signing of Agreement, GETCO shall issue a detailed A/T / Purchase order incorporating various terms and conditions.

83. **CONTRACTOR'S SITE ESTABLISHMENT**

The Contractor shall at all times keep posted an authorized representative for the purpose of the Contract. Any written order or instruction of the Engineer or his duly authorized representative shall be communicated to the said authorized resident representative of the Contractor and the representative shall be available at a stated address for this purpose.

84. PROTECTION OF WORK

The Contractor shall have total responsibility for protecting his works till it is finally taken over by the Engineer. No claim will be entertained by the Owner or by the Engineer for any damage or loss to the Contractor's works and the Contractor shall be responsible for complete restoration of the damaged works to original conditions to comply with the specification and drawings.

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85. TERMINATION OF CONTRACT

In case you fail to deliver the goods or any consignment thereof within contractual period of delivery or in case the GETCO are found not in accordance with prescribed specification and/or the approved sample, the GETCO shall exercise its discretionary power either:

A. To recover, from you as agreed, by way of penalty clause above,
B. To purchase elsewhere after giving due notice to you on account and at your risk such stores not so delivered or other similar description without canceling the contract in respect of the consignment not yet due for delivery
C. To cancel the contract.

In the event of the risk purchase of stores of similar description, the opinion of the GETCO shall be final. In the event of action taken under clause (a) or (b) above, the contractor shall liable to pay for any loss which the GETCO may sustain on that account but you shall not be entitled to any saving on such purchases made against default.

The decision of the GETCO shall be final as regards the acceptability of stores supplied by you and the GETCO shall not be required to give any reason in writing or otherwise at any time for rejection of the stores.

Further "GETCO reserves the right to terminate the Contract(i.e. Purchase Order) at any time, without assigning any reason, whatsoever, by giving ONE month notice from the date of Notice of termination of the Contract. You will not be entitled for any compensatory / damages / losses, whatsoever, on account of such termination of the Contract.

86. EMBOSSING OR ENGRAVING:

The successful Tenderer wherever possible, will require emboss/engrave the words "Property of GETCO" along with the purchase order number on the items required by the GETCO. Also suppliers should emboss / engrave / affix their company nameplate with details OR manufacturer's name and trademark.

87.TEST CERTIFICATES:

Test Certificate for the stores as per relevant BSS / ISS shall be submitted in Triplicate for our approval prior to dispatch of stores and should be dispatched only after the test certificates are approved. Supplier will be responsible for any expenditure that consignee might incur if the goods stand rejected on this account. Further, the GETCO will not be responsible for any delay in payment on this account.

88.FRUSTRATION OF CONTRACT

a) In the event of frustration of the Contract because of supervening impossibility in terms of Section 56 of the Indian Contract Act, parties shall be absolved of their responsibility to perform the balance portion of the Contract, subject to provisions contained in sub-clause 68(c) below.
b) In the event of non-availability or suspension of funds for any reasons, whatsoever (except for reason of willful or flagrant breach by the Owner) and/or Contractor then the works under the Contract shall be suspended. Furthermore, if the Owner is unable to make satisfactory alternative arrangements for financing to the Contractor in accordance with the terms of the Contract within three months of the event, the parties hereto shall be relieved from carrying out further obligations under the Contract treating it as frustration of the Contract.
c) In the event referred to in sub-clauses 68(a)& 68(b) above the parties shall mutually discuss to arrive at reasonable settlement on all issues including amounts due to either party for the work already done on quantum merit_basis which shall be determined by mutual agreement between the parties.

89. The purchaser (i.e. GETCO) shall have the right to make any changes, additions / deletions or modifications in any terms / conditions of the tender and / or specifications as may be deemed necessary by the Corporation at its sole discretion at any time before the due date of opening of the tender.
90. The tenderer are required to furnish the technical information and the guaranteed technical particulars (GTP) along with company seal and signature of the Tenderer on each and every page / papers of the tender documents.
91. Tenderer should invariably fill up all the details of all the Annexure of this tender document. This is mandatory. Also all the Annexure should be duly signed by authorized signatories with their rubber stamp and along with Company's Rubber (Round) seal / stamp affixed on each paper.

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92. Tenderer should furnish a list of orders for similar items executed by them indicating the name of the party and their order reference to whom they have supplied, to be furnished in
93. Annexure- V. Failure to do this will result on suppliers tender being rejected without any reference. In case of bought out items they should furnish the backup guarantee from their principals.
94. GETCO reserves the right to increase or decrease the quantity against each item/s while placing the order.

95. Corporation reserves the right to cancel any or all the offers / bids or to accept any offer without assigning any reasons.
96. No price escalation will be allowed. Rate quoted should be firm up to the period of contract.
97. The party has to provide product as per technical specification.
99. The successful bidders shall have to enter into a Purchase Agreement between GETCO and the successful bidder. This purchase Agreement has to be executed on Non-Judicial stamp paper of Rs. 100/- duly notarized. The cost of Non judicial stamp & Notary charges will be borne by the successful bidders.
100. The officer who signs LOA/Purchase Order as per DOP is authorized to sign the agreement documents on behalf of the GETCO company and from the successful bidder's side the agreement can signed by the authorized representative as mentioned hereunder:-
If the authorized representative is from a partnership firm, then a certified copy of the registered partnership deed must be attached along with the signatures of other partners who have authorized the particular partner to execute and sign the agreement.
If it is a private or public limited firm, a copy of the resolution, authorizing the person to execute & sign the agreement on behalf of the firm, passed by the Board of Directors along with the Company's Seal must be attached with the agreement.
If it is a proprietary firm, then the proprietor himself should execute & sign the agreement and his full residential address must be available in the file.

101. ARBITRATION

A. All disputes or differences in respect of which the decision, if any, of the Engineer has not become final or binding as aforesaid shall be settled by arbitration in the manner hereinafter provided.

B. The arbitration shall be conducted by three arbitrators, one each to be nominated by the Contractor and the Owner and the third to be appointed as an umpire by both the arbitrators in accordance with the Indian Arbitration Act. If either of the parties fails to appoint its arbitrator within sixty (60) days after receipt of a notice from the other party invoking the Arbitration clause, the arbitrator appointed by the party invoking the arbitration clause shall become the sole arbitrator to conduct the arbitration.

C. The arbitration shall be conducted in accordance with provisions of Indian Arbitration Act 1996 or latest amendment thereof. The decision of the majority of the arbitrators shall be final and binding upon the parties.

D. The arbitrators may, from time to time with the consent of all the parties enlarge the time for making the award. In the event of any of the aforesaid arbitrators dying, neglecting, resigning or being unable to act for any reason, it will be lawful for the party concerned to nominate another arbitrator in place of the outgoing arbitrator

E. The arbitrator shall have full powers to review and/or revise any decision, opinion, direction, certification or valuation of the Engineer in accordance with the Contract, and neither party shall be limited in the proceedings before such arbitrators to the evidence or arguments put before the Engineer for the purpose of obtaining the said decision.

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F. No decision given by the Engineer in accordance with the foregoing provisions shall disqualify him as being called as a witness or giving evidence before the arbitrators on any matter whatsoever relevant to the dispute or difference referred to the arbitrators as aforesaid.

G. During settlement of disputes and arbitration proceedings, both parties shall be obliged to carry out their respective obligations under the Contract.

H. All questioins, disputes or differences, whatsoever which may at any time arise between the parties to this contract in connection with the contract or any matter arising out of or in relation there to shall be referred to the "Gujarat public works contracts disputes arbitration tribunal" as per the provisions of the Gujarat public works contracts disputes arbitration tribunalact,1992.

The reference to arbitration proceedings under this clause shall not

a) Affect the right of the Engineer -in charge to take possession of all or any tools, plants, materials and stores, in or upon the work or site therof or belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof.

b) Preclude the Engineer-in charge from utilizing the materials purchased by the Contractor in any work or from removing such materials to other place, during the period the work is stopped or suspended in pursuance of notice given to the contractor under General Conditions.

c) Entitle the contractor to stop the progress of the work or carrying out the additional or altered work in accordance with the prevision of General Conditions for the work where there is no specifications.

d) Preclude the GETCO from getting the work done by another agency.
Neither party is entitled to bring a claim to arbitration latest by thirty days after the expiration of the defects liability period.The provisions of the Arbitration Act,1992, Gujarat Public Works Contract. Disputes Arbitration Tribunal Act, 1992, and rules made there under shall apply to the arbitration proceeding under this clause. "

GETCO
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
Corporate Identity no: U40100GJ1999SGC036018 (An ISO 9001-2008 Certified Company)
TRANSMISSION CIRCLE OFFICE, NAVSARI
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Safety Clause

1. The Contractor shall follow and comply with all GETCO Safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservations. In case of any discrepancy between statutory requirement and GETCO Safety Rules referred above, the latter shall be binding on the Contractor unless the statutory provisions are more stringent.

   In case if any safety related fatal Elect. / Mech. accident occurred to any employee of agency or outsider due to negligence or non-compliance of GETCO safety norms then in addition to the compensation and liability as per statutory requirement, contractor / agency shall be penalized as under:

   1. In case if any safety related fatal Elect. / Mech. accident occurred to any employee of agency or outsider due to negligence or non-compliance of GETCO safety norms then in addition to the compensation and liability as per statutory requirement, contractor / agency shall be penalized as under:

Sr. No	Amount of Contract in Rs.	Penalty amount per person
1	Up to →1 Lac	Rs.5000/- plus GST as applicable
2	Above1 Lac to → 10 Lacs	Rs.25000/- plus GST as applicable
3	10 to → 100 Lacs	Rs.100,000/- plus GST as applicable
4	> 100 Lacs	1.0 % plus GST as applicable

2. **Reporting**:-

   1. The contractor shall inform concerned Ex. Engineer Const/TR in writing within 24 hours of fatal/Non-fatal accident occurred to human being.
   2. The GETCO investigating officer findings in to accident shall be final and binding to the contractor /Agency.

3. Safety Requirement:
   i) Kick off Meeting exclusively for safety shall be done in each contract in presence of contractor's site in charge and supervisor. Safety document shall be handed over and vital safety norms and key points of safety related to project shall be explained and recorded for commitment by erection contractor. Such records are mandatory for clearing first erection bill.
   ii) During site visit by GETCO official of Executive Engineer and above rank, the following checks during execution of work shall be covered.
      I. Safety equipment available and utilize.
         (a) Helmet. (b) Safety belt. (c) Safety shoes. (d) Live line Voltage detector
      II. Safety procedure adopted.
         (a) Permit to work (b) Earthing at the place of work. (c) Adequate supervision.
      III. T & P physical Check. (Healthiness and Quality)
         (a) P. P. rope. (b) Wire rope and sling. (c) Earthing rod

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IV. If above-mentioned safety requirements found violated in any of the above three conditions shall attract penalty of Rs.1000/-per occasion. (Max.Rs.3000/-
-for violation of three conditions)

V. During subsequent visit, if violation is found, then double penalty shall be deducted from the bill of the Contractor/Agency.

GETCO
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WORK & SAFETY REGULATIONS

1. The contractor shall ensure proper safety of all the workmen, materials, equipment & plant & belonging to him or to GETCO or to others, working at the site. The contractor shall also be responsible for provision of all safety notices and safety equipment required both by the relevant legislations and Engineer, as he may deem necessary.
2. Contractor has to provide ISI marked ELCB / MCB having sufficient capacity of standard make at point of supply.
3. All equipment used in construction and erection by contractor shall meet Indian/International Standards and where such standards do not exist, the contractor shall ensure these to be absolutely safe. All equipment shall be strictly operated and maintained by the contractor in accordance with manufacturer's operation manual and safety instructions and as per guidelines/ rules of GETCO in this regard.
4. Periodical examinations and all tests for all lifting/ hoisting equipment & tackles shall be carried – out in accordance with the relevant provisions of Factories Act 1948, Indian Electricity Act 1910 and associated Laws/Rules in force from time to time. A register of such examinations and tests shall be properly maintained by the contractor and will be promptly produces as and when desired by Engineer or by the person authorized.
5. The contractor shall provide suitable safety equipment of prescribed standard to all employees and workmen according to the need.
6. The contractor shall provide safe working conditions to all workmen and employees at the site including safe means of access, railings, stairs, ladders, scaffoldings etc. the scaffoldings shall be erected under the control and supervision of an experienced and competent person. The contractor only shall use good and standard quality of material.
7. The contractor shall not interfere or disturb electric fuses, wiring and other electrical equipment belonging to the owner / other contractors under any circumstances, whatsoever, unless expressly permitted in writing to handle such fuses, wiring or electrical equipment.
8. Before the contractor connects any electrical appliances to any plug or socket belonging to the other contractor or owner, he shall:
    a. Satisfy the Engineer that the appliance is in good working condition;
    b. Inform the Engineer of the max. current rating & voltage of the appliances;
    c. Obtain permission of the Engineer detailing the sockets to which the appliances may be connected.
9. The Engineer will not grant permission to connect until he is satisfied that;
    a. The appliance is in good condition and is fitted with suitable plug
    b. The appliance is fitted with a suitable cable having two earth conductors, ones of which shall be an earthed metal sheath surrounding the cores.
10. No electric cable in use by the contractor/ Owner will be disturbed without prior permission. No weight of any description will be imposed on any cable and no ladder or similar equipment will rest against or attached to it.
11. No repair work shall be carried out on any live equipment. The equipment must be declared safe by the Engineer and a permit to work shall be issued by the Engineer before any repair work is carried out by the contractor. While working on electric lines/ equipment, whether live or dead, suitable type and sufficiently quantity of tools will have to he provided by the contractor to electricians/ workmen/ officers.
12. In case any accident occurs during the construction/ erection or other associated activities undertaken by the contractor thereby causing any minor or major fatal injury to his employees due to any reason, whatsoever, it shall be the responsibility of the contractor provide medical facility / treatment & to promptly inform the same to the Engineer in prescribed form and to

Superintending Engineer (TR), 1st Floor, Transmission Circle Office, 220kV Sub-Station Campus, N.H. 48, Kabilpore, Navsari - 396427
Telephone no. (02637) 236232 / 236274 | Fax no. (02637) 236104 | Email : setrnavsari.getco@gebmail.com

also to all the authorities envisaged under the applicable laws.

13. The Engineer shall have the right at his sole discretion to stop the work, if in his opinion the work is being carried out in such a way that it may cause accidents and endanger the safety of the persons and/or property and/or equipment. In such cases, the contractor shall be informed in writing about the nature of hazards and possible injury/ accident and he shall comply to remove shortcomings promptly. The contractor after stopping the specific work can, if felt necessary, appeal against the order of stoppage of work to the Engineer within 3 days of such stoppage of work and decision of the Engineer in this respect shall be conclusive and binding on the contractor.
14. The contractor shall not be entitled for any damages/ compensation for stoppage of work due to safety reasons and the period of such stoppage of work will not be taken as an extension of time for completion of work and will not be the ground for waiver of levy of liquidated damages.
15. it is mandatory for the contractor to observe during the execution of the works, requirements of safety rules which would generally include but not limited to following;
    a. Each employee shall be provided with initial indoctrination regarding safety by the contractor, so as to enable him to conduct his work in a safe manner.
    b. No employee shall be given a new assignment of work unfamiliar to him without proper introduction as to the hazards incident thereto, both himself & his fellow employees.
    c. Employee must not leave naked fires unattended, smoking shall not be permitted around fire prone areas and adequate firefighting equipment shall be provided at crucial location.
    d. There shall be a suitable arrangement at every work site for rendering prompt and sufficient first aid to the injured.
    e. Requirements of ventilation in underwater working to licensed and experienced divers, use of gumboots for working in slushy or in inundated conditions are essential requirements to be fulfilled.
16. The contractor shall follow and comply with all GETCO safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservations. In case of any discrepancy between statutory requirement and GETCO safety rules referred above the latter shall be binding on the contractor unless the statutory provisions are more stringent.

a.	Fatal injury or accident Causing death	Rs. 1,00,000/- per person for death/	These are applicable
b.	Major injuries or accident causing 25% or more permanent disablement To workmen or employees	Rs. 20,000/- per person	injury to any person,

Permanent disablement shall have same meaning as indicated in workmen's compensation Act. The compensation mentioned above shall be in addition to the compensation payable to the workmen/ employees under the relevant provisions of the laws as applicable from time to time. In case the owner is made to pay such compensation then the contractor is liable to reimburse the owner such amount in addition to the compensation indicated above.

ANNEXURE-A

OUR ENDEVOUR - Safety a habit

To create environment where Business Confidence is built through Best Business Practices and is fostered in an atmosphere of trust and respect between providers of goods and services and their users for the ultimate benefit of society a the nation, safety guidelines are agreed upon by the agency as under.

Safety is our prime concern and zero accident is our goal. In order to prevent the accident, while execution of works in indoor and outdoor systems of GETCO, the following guideline and preventive measures are identified.

Indoor safety precaution	Outdoor safety precaution
The method of work required T&P and manpower should be discussed between GETCO supervisor, contractor's supervisor and gang leaders.	The method of work required T&P and manpower should be discussed between GETCO supervisor, contractor's supervisor and gang leaders.
Prior to execution of work a joint survey must be conducted by GETCO supervisor and contractor's supervisor for risk assessment. • Clearly identify the work location, to distinguish between the equipment that is dead and other equipment / part that may be live. • Disconnect equipment from supply. • Protect against other live parts. • Take special precautions when close to bare conductors / Bus bar.	Prior to execution of work a joint survey must be conducted by GETCO supervisor, contractor's supervisor and DISCOM line man in order to identify the following : a. HT/LT line or tap line crossing under each span of line of the work. b. Isolation point of each line crossing. c. Each line crossing & isolation point under each span must be discussed and noted in maintenance register with sketch.

following safety guidelines are mandatory for all contractors operating in GETCO premises for Electrical, non-electrical & civil works. 1. The contractors must provide advance planning of work to concerned in-charge of substation in writing. 2. Before starting any work whether switch yard, "permit to allow to work" must be taken from control room in-charge. 3. Utilizing Electrical / non-electrical Equipment, safety rules must be implemented. 4. If the work is to be carried out on Sunday or public holiday, the necessary permission must be taken in advance, requesting in writing. 5. Unwanted person including children of labours will not be allowed at working site/ in the switchyard and in the prohibited area. 6. Any electrical work or electrical connections to equipment for any other work must be carried out by certified	Contractor's supervisor and GETCO Supervisor must ensure all isolations physically with adequate earthing technically prior to give clearance to gang leader for taking up job. While execution of stringing work, the identified line crossing must be isolated / de-energized and written clearance should be obtained from concerned DISCOM supervisor. The isolation of Tap line must be physically seen and verified by Contractor and GETCO supervisor. At D.O. fuse junction contractors person should be posted to ensure that no person restore D.O. supply while work is under execution Contractor's supervisor must ensure that concern officer take LCP for EHV line and power line crossing.
electrician/wiremen with adequate size of Wire through MCB as per I.E. Rule. - Live penal area / bus bar must be isolated and sealed / bifurcated with red colour tape for visible warning. - Display Board must hang on LCP panel. - Transformer must be switched off whenever and wherever contractor and line workers are not satisfied with isolation, earthing or any equipment performance of GETCO, it will be pointed out and work shall begin only after resolution. Contractor shall not take up job in absence of GETCO authorized person. All wire temporary connection & material whenever erection activity has any connection and disconnection work of bus bar, string bus.	
All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, etc, duly approved by GETCO.	All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, Live line detector etc, duly approved by GETCO.

The local earthing must be done at the place of work before execution of any work.	The local earthing must be done at the place of work before execution of any work.
11 kV breaker in panel must be switched off and racked out only after ensuring no voltage in breaker and without door opening.	Circuit breaker opening is not an isolation and isolator on either side must be opened. No work during rains and cloudy weather condition.
	Transmission line activities. 1) Used of Voltage detector to ensure outage. 2) Earthing at three point, local, left & right side of bus bar / string bus. 3) Match line colour code with colour of wrist band.
	Local earthing of electrical equipments like filter M/c, welding machine, testing kits etc. is must. Crane shall only be used for material handling and erection. Working platform shall only be used for work in switchyard.

Annexure -I

(UNDERTAKING IN REGARD TO STOP DEAL/BANNED FOR USED BUSINESS DEALING/BLACK LIST THEREOF.)

Sub: UNDERTAKING IN REGARD TO STOP DEAL/BANNED FOR USED BUSINESS DEALING /BLACK LIST THEREOF

Ref:-Tender No._____

All bidders will have to furnish the following undertaking duly filled in, signed and stamped for each quoted item of the tender along with technical bid.

I/We_____

Authorized signatory of M/s._____

and thereby certified that M/s. _____

and their proprietor/any partner/any director of the firm is not stop deal and /or banned for business dealing and /or black listed by GUVNL/or their any subsidiary company viz. GSECL/GETCO/MGVCL/PGVCL.

Signature of tenderer

Seal of firm

Annexure -II

Subject: Supply of _____

Reference: Tender No.
Due on date:

In connection with the above subject and reference I/ We confirm the following:

1. **I / We, the under signed have read and examined the Tender Specifications in tender mentioned under reference along with the Commercial terms and conditions.**
2. **I / We, declare that our Technical Bid is strictly in line with the Tender specifications (except the deviations shown in Annexure of Technical Deviations as per clause no.38 of this tender document).**
3. **Further, I / We also agree that additional conditions / deviations, if any, found in the Commercial terms & conditions (except reference under clause no.38 of this tender document), our offer shall be out rightly rejected without assigning any reason thereof.**

Seal of the Firm

Date:

Signature of the Authorized Representatives of the firm
Name:
Status:

Name of the Tendering Firm / Agency:

Annexure -III

Supplier Name	
Within Gujarat / Outside Gujarat	
Pvt. Firm / Public Ltd. / State Govt. Under taking / Central Govt. undertaking	(Indicate the relevant status)
Supplier Category	Manufacturer/Trader
GST No. and GST Date	
CST No. and CST Date	
Excise No. and Excise Date	
SSI Certificate No. and Date	
NSIC Certificate No.(Should be revalidated since last 3 yrs.)	
NSIC Certificate Date.	
Whether under NSIC scheme. If Yes then Monetary limit. & Validity	Rs. Date:-
Custom No. and Date (If applicable)	
License Type (ISO9001/9002)	ISO 9001 / ISO 9002 (Tick Applicable)
License Validity Period	From Date_____to Date_____

Address of	Registered Office	Factory Works	Liaison Representative
Contact person name			
Designation			
Address			
City & Pin code			
State			
Country			
Phone Nos.(Office)			
Phone Nos.(Residence)			
Fax Nos.			
STD Code.			
Mobile No.			
Web site address			
Email-id			

Annexure -IV

DETAILS OF THE EXPERIENCE FOR SUPPLY OF SIMILAR TYPE OF ITEMS IN LAST THREE YEARS FROM THE DUE DATE OF TENDER

Sr. No	ITEMS SUPPLIED TO	ORDER REFERENCE No. & DATE	ITEMS	QUANTITY	ORDER FULLY EXECUTED YES/NO	STATUS, IF ORDER UNDER EXECUTIO	REMARKS
A	**GUJARAT ELECTRICITY BOARD / GUJARAT ENERGY TRANS. CORPN. LTD:**						
1)							
2)							
3)							
4)							
B	**OTHER STATE ELECTRICITY BOARDS:**						
1)							
2)							
3)							
4)							
C	**PRIVATE FIRMS:**						
1)							
2)							
3)							
4)							

Annexure-V

LIST OF PERFORMANCE CERTIFICATES SUBMITTED WITH THE TECHNICAL BID

Sr. No.	Name of the Authority by whom certificate is issued	Reference No. & Date	Details of items
1	2	3	4

Annexure-VI

LIST OF TYPE TESTS REPORTS SUBMITTED WITH THE TECHNICAL BID

Sr. No	Type Test Report No. & Date	Tests Carried out at (Name of Laboratory)	Rating & Type / Designation of Item / Equipment	Name of the test Conducted	Results Of the Tests.

Annexure-VII

LIST OF THE TENDER DRAWINGS SUBMITTED WITH THE TECHNICAL BID

Sr. No.	Description	Drawing Number	Number of Sheets
1	2	3	4

Certificate NO. IN-GJ X Dtd. - Apr-2026

Annexure- VIII

(on Non-judicial stamp paper of Rs.300/-duly Notarized)

PURCHASE AGREEMENT

THIS AGREEMENT made on this …….…… day of …… Two thousand …….

BETWEEN

……..…… (Name of the Company), having Registered Office at …….…… and represented by ……. (Name and designation of the Authorized Officer (herein after called **"The Supplier"**, which expression where the context so requires or admits shall include his legal heir, administrators, executors, assignees and legal representatives) of the **ONE PART.**

AND

……..…… (Name of the Company), having Registered Office at …….…… and represented by ……. (Name and designation of the Authorized Officer (here in after called **"The Purchaser / purchaser Company"**, which expression where the context so requires or admits shall include his administrators, executors, authorised person, assignees and legal representatives) of the **OTHER PART.**

WHEREAS, the Supplier willingly submitted bids for the Tender No…….of the Purchaser company for supply of…….. ***[Name of the material / items to be supplied by the Supplier]*** as specified and as per delivery instructions provided in the Acceptance of Tender (AT) / Letter of Acceptance (LOA) issued vide No…….dtd……. by the Purchaser company at the accepted respective prices or rates mentioned against the said items / materials.

AND WHEREAS THE PURCHASER Company has accepted the tender of the Supplier for the supply for the total sum of Rs._____Rupees_____ only)

*including / excluding taxes upon the terms and subject to the conditions herein mentioned in the agreement.

AND WHEREAS, a list is made out in the "**SCHEDULE"** hereunder written and all of which said documents of the Schedule are deemed to form part of this agreement and included in the expression **"the Supply"** wherever herein used, upon the terms and subject to the conditions hereinafter mentioned.

NOW THIS AGREEMENT WITNESSES AS UNDER AND IT IS HEREBY AGREED AND DECLARED THAT:-

(1) The Supplier has accepted the Terms and Conditions set out in the Tender Notice No. …… dtd. …….. as well as in the form of Acceptance of Tender (AT) / Letter of Acceptance (LOA) No. …… dtd. ……. which will hold good & valid during the period of this Agreement.

(2) The supplier shall do and perform for all supplies and things mentioned and described in this agreement or which are implied therein or therefrom respectively or are reasonably necessary for the in-time and in manner supplies as mentioned and subject to the general / commercial terms & conditions and stipulations contained in this agreement.

(3) In consideration of the due provision, executions, completion of the Supply, as agreed to by the Supplier as aforesaid, the Purchaser company hereby agrees to pay all the sums of money as and when they become due and payable to the supplier under the provisions of the agreement and such payment to be made at such times and in such manner as

provided in the agreement. In respect of the said Tender as per the terms & conditions of this Agreement, the Supplier has deposited amount in Cash or DD or has provided valid Bank Guarantee of Rs..…….. (Rupees ……..only) with the Purchaser Company towards performance guarantee of execution period i.e. for security deposit of the supply material / items.

(4) Upon breach by the Supplier of any of the conditions of this Agreement, the Purchaser Company may give a notice in writing to rescind, determine and put to an end to the A/T without prejudice to the right of the Purchaser company to claim damages for antecedent breaches thereof on the part of the Supplier and also to claim reasonable compensation / risk & cost purchase for the loss occasioned by the Purchaser Company due to failure of the Supplier to fulfill the Order as certified in writing by the Purchaser for which Certificate shall be conclusive evidence of the amount of such compensation payable by the Supplier to the Purchaser.

(5) The Purchaser Company shall not be bound to take the whole or any part of the ordered quantity herein or therein mentioned in the LOA / AT and may cancel the contract at any time after giving **ONE MONTH'S NOTICE IN WRITING** without compensating the Supplier.

(6) This Agreement shall remain in force till the expiry of satisfactory performance of the Supply during Guarantee / Warranty period including for the quantity mentioned in the repeat order, if any as per the terms & conditions of the LOA / AT.

(7) Any Notice in connection with the Supply including the Notice for termination may be given by the Purchaser or any Authorized Officer for the said purpose as per the Commercial Terms & Conditions of the LOA / AT.

(8) If subject to the circumstances beyond control i.e. Force Majeure conditions, the Supplier fails to deliver the materials, the same shall be governed as per the Tender Documents.

(9) The agreed value, extent of supply, delivery dates, specifications, and other relevant matters may be altered by mutual agreement as per the policy of the purchaser Company and if so altered shall not be deemed or construed to mean or apply to affect or alter other general / commercial terms & conditions of the agreement and the agreement so altered or revised shall be and shall always be deemed to have been adhered subject to and without prejudice to said stipulation.

(11) The following is the Schedule forming part of this agreement as provided herein above:

SCHEDULE

List of documents:

1,
2.
3.
4.
5.

In witness whereof the parties hereto have set their hands and seals this day, month and year first above written.

Place: Date:

1. Signed, Sealed and delivered by :

(Signature with Name,Designation & officialseal/stamp)

For and on behalf of M/s._____(Supplier) ***(Complete Name, Address of the authorized person of the Supplier with Authority letter or Board's Resolution in case of company)***

In the presence of Name, full Address & Signatures:

i) _____

_____

_____

ii) _____

_____

2. Signed, Sealed and Delivered by :

(Signature with Name,Designation & officialseal/Stamp)

For and on behalf of_____***(Purchaser)***, ***(Complete Name, Designation & Location / Address of the authorized officer as per DOP of the Purchaser Company)***

In the presence of Name, full Address & Signatures:

i) _____

_____

_____

ii) _____

_____

Annexure- IX

SAFETY CUM INDEMNITY BOND

(On Non-judicial Stamp paper of value not less than Rs. 300.00)

KNOW ALL MEN BY THESE PRESENTS that we, _____ By this SAFETY CUM INDEMNITY BOND Executed on this _____ Day of ___2016.I/We Having Registered Office_____(herein after called "THE CONTRACTOR" which expression shall mean and includes my /our heirs, executors, administrators and legal representatives, successors and permitted assigns) do hereby binds myself/ourselves and also our company/firms after having the power to bind by this promise and undertaking in favor of the Gujarat Energy Transmission Corporation Limited (GETCO), Vadodara a State Transmission Utility under The Electricity Act, 2003 having its registered office at Sardar Patel Vidyut Bhavan, Race course, Vadodara.(hereinafter called as GETCO, which expression shall mean and include its legal representative, administrators assigns) has agreed under the terms and conditions of the contract no._____Dated_____made between _____and_____ for the contract of the _____value of Rs. _____interalia on Production of Safety cum Indemnity Bond.

We do hereby undertake and agree to Indemnify and keep Indemnified GETCO from time to time to the extent of Rs._____Rupees_____only against any losses or damages, costs, charges and expenses caused to or suffered by reason of the CONTRACTOR while Project, R&M, O&M work including work carried out by outsourcing agency, failing to take proper care or not complying the guidelines given hereunder as per Annexure-A and instructions which may be given from time to time during the continuance of the contract and we further undertake to unconditionally pay the amount claimed by the GETCO on demand and without demur to the extent aforesaid.

Whereas the CONTRACTOR has/have been awarded to execute the job/works under order no._____, dated_____for _____issued by the GETCO after having observing necessary formalities, the details of which is described in the order no. dated and whereas the said job/works will be /likely to be done in places covered under Employees' State Insurance Act,1948 (ESI) and /or the Workmen Compensation Act,1923 and /or other laws relating to the Labour Management and Welfare Act. (Respective Amendments)

And whereas according to the condition of the Contract the CONTRACTOR is under obligation to execute this Safety cum Indemnity Bond before the commencement of actual execution of work

Now the indenture witnesses that I/We the CONTRACTOR do hereby undertake to follow the guidelines as per Annexure-A prepared by the GETCO.

Further we the CONTRACTOR agree that the GETCO shall be sole judge of and as to whether there has been any breach of the guidelines as per Annexure-A of this bond and as to the extent of the loss, damages, costs, charges and expenses caused to or suffered by the GETCO.

We the CONTRACTOR further agree that our liability under this bond shall not be discharged because of the change in the constitution of the GETCO or for the extension of the time limit or for any other reason.

We the CONTRACTOR further agrees to the given terms and conditions:

a. That the CONTRACTOR undertakes /undertake to indemnify and keep harmless the GETCO from all claims, actions, proceedings and risk, damage danger to any person whether belonging or not belonging to the. CONTRACTOR.

b. That the CONTRACTOR shall keep harmless the GETCO from all claims, compensation, damages any proceedings in respect of any of its employee / workmen under the Workmen Compensation Act or any other laws for the time being in force.

c. That, if during the course of execution of work as stated in the contract order mentioned hereinabove issued by the OBLIGEE, it is found that the CONTRACTOR has not complied with guidelines as per Annexure-A or terms and conditions / formalities within the meaning of Employees' State Insurance Act,1948 (ESI) or Workmen Compensation Act 1923 or any other laws relating to the Labour Welfare for the time being in force, and also has not observed the safety norms in accordance with the law prevailing at the place of work/job to the satisfaction of the GETCO, the GETCO shall have the right to stop the execution of work/job and the period of such stoppage shall not be taken into account for the calculation of the total period of completion of work for which the CONTRACTOR is responsible to complete the work/job and it will be deemed that discontinuance was due to default of the CONTRACTOR .

d. That, if any time, due to exigency, GETCO as the Principle Employer, becomes liable to pay any such compensation mentioned hereinabove, whether on failure of the CONTRACTOR or for any other reason, the GETCO shall have the right to recover the said amount from any amount receivable by GETCO or any bank guarantee deposited or anything payable whether in connection with this contract or other contract by the CONTRACTOR to the OBLIGEE.

e. That the CONTRACTOR is/are aware and accept that for the persistent or repeated violation of any guidelines as per Annexure-A and terms and conditions mentioned in this Safety cum Indemnity Bond, GETCO shall have right to terminate the contract of work issued to the CONTRACTOR .

f. In case if any safety related fatal Electrical / Mechanical accident occurred to any employee of agency or outsider due to negligence or non-compliance of GETCO safety norms then in addition to the compensation and liability as per statutory requirement, contractor / agency is hereby agreed to pay the penalty amount as given below:

1. In case if any safety related fatal Elect. / Mech. accident occurred to any employee of agency or outsider due to negligence or non-compliance of GETCO safety norms then in addition to the compensation and liability as per statutory requirement, contractor / agency shall be penalized as under:

Sr. No	Amount of Contract in Rs.	Penalty amount per person
1	Up to →1 Lac	Rs.5000/- plus GST as applicable
2	Above1 Lac to → 10 Lacs	Rs.25000/- plus GST as applicable
3	10 to → 100 Lacs	Rs.100,000/- plus GST as applicable

4	> 100 Lacs	1.0 % plus GST as applicable

g. I/We the CONTRACTOR hereby confirm that in case of any dispute/difference for settlement of claims under this Safety Cum Indemnity bond the courts in Gujarat State wherever job/work is performed or as per GETCO norms shall have the jurisdiction to decide the rights & liabilities of the parties while adjudicating the matter of claims under this Safety Cum Indemnity Bond.

h. This Safety cum Indemnity Bond shall continue and hold good until it is released by the GETCO in Writing on the CONTRACTOR's application after the Contractor has discharged all his obligations under the order mentioned hereinabove and submitted a "NO DEMAND CERTIFICATE" from the GETCO under the said order. The Safety cum Indemnity Bond shall be valid for a CONTRACT PERIOD and renewable thereof (Claim Period).

i. This Safety cum Indemnity Bond and the guidelines as per Annexure-A herein contained are in addition to And not by way of limitation or substitution for any other guarantee, indemnities Hereto before given to the GETCO by the CONTRACTOR and this indemnity does not Revoke or limit such indemnities or guarantees. IN WITNESS WHEREOF the Parties hereto have executed this indenture the day the year First hereinabove written.

(Signature with seal of The

CONTRACTOR) In the presence of:

1.

2.

CONTRACT AGREEMENT

(On Non judicial stamp paper of Rs. 300)

Name of Work: -

.

LOI No. Date:

Contractor Name: - M/s

Work Order Amount of ₹

This Agreement is made at NAVSARI the in the Christian Year Two Thousand Twenty Four between **M/s** and G.E.T.C.O (here in after referred to as "THE CONTRACTOR" which expression shall unless excluded by or repugnant to the contract include its successors or permitted assigns) of the ONE PART and the Gujarat Energy Transmission Corporation Ltd, having their Registered Head office at Sardar Patel Vidyut Bhavan, Race Course, Baroda 390 007 (here in after called "The GETCO" which expression shall unless excluded by or repugnant to the context include its successors or assigns) of the other part.

WHEREAS the aforesaid GETCO has accepted the tender of the afore said contractors for **"Supply, Installation and commissioning of CCTV camera surveillance system at various substations under Vav and Vyara construction division.. " and** "as per the GETCO's Letter of Intent No. **Date:-** here in after called "the works" and more particularly described and enumerated or referred to in the specification, terms and conditions prescribed in the order letter, covering letter and other letters and schedule of price which for the purpose of identification have been signed by Shri **M/s** on behalf of the contractors and by **Superintending engineer,Navsari** on behalf of the GETCO, a list whereof is made out in the Schedule here under written and all of which said documents are deemed to form part of this contract and Included in the expression "The works" wherever here in used, upon the terms and subject to the conditions here in after mentioned.

AND WHEREAS THE GETCO has accepted the tender of contractors for the execution of the said works for the sum of ₹ Rupees upon the terms and subject to the conditions here in mentioned.

NOW THIS AGREEMENT WITNESSESS AND IT IS HERE BY AGREED AND DECLARED THAT.

1. The contractors shall do and perform all works and things in this contract mentioned and described or which are implied therein or there from respectively or are reasonably necessary for the completion of the works as mentioned and at the times, in the manner and subject to the terms and conditions and stipulations contained in this contract, and in

consideration of the due provision, executions, supply and completion of the works agreed to by the contractor as afore said the Board both hereby covenant with the contractor to pay all the sums of moneys as and when they become due and payable to the contractors under the provisions of the contract. Such payment to be made at such times and in such manner as is provided by the contract.

2. The conditions and covenants stipulated here-in-before in this contract are subject to and without prejudice to the rights of the Board to enforce penalty for delays and / or any other rights what so ever including the right to reject and cancel on default or breach by the contractor of the conditions and the covenants as stipulated in the general conditions, specifications, forms or tender schedule etc. attached with GETCO's Letter of intent No. **-** **Date:-** **.** The contract value, extent of supply & Civil / Erection works, delivery dates, specifications and other relevant matters may be altered by mutual agreement and if so altered shall not be deemed or construed to mean or apply to affect or alter other terms and conditions of the contract and the general conditions and the contract so altered or revised shall be and shall always be deemed to have been subject to and without prejudice to said stipulation.

SCHEDULE

List of documents forming part of the contract:

1. GETCO's Tender Specification No. **ID -** **and** contractor's offer opened on dated
2. GETCO LOI / order No. **Date: -**
3. Contractor's acceptance of order vides letter no. NIL.
4. Contractor's Power of Attorney / Board Resolution authorizing person to sign on behalf of Firm.

In witness whereof the parties here to have set their hands and seals this day and month, year first above written.

- Signed, sealed and delivered by:

- Witnessed by:

1. .

2. _____.

- For and on behalf of GETCO Ltd.:

Deputy Engineer (Tech-II & CMG Projects)
GETCO, Circle office, Navsari

Superintending Engineer
GETCO, Circle office, Navsari

List of newly commissioned SS under Vav and Vyara Construction Sub Division

Sr. No.	Name of the substations
1	66kV Bamroli SS
2	66kv Wealpark SS
3	66kv Vanakala SS
4	66kv Pinjarat SS
5	66KV Diamond Park SS
6	66KV Veluk SS
7	66KV Kharvasa-II
8	66kV Roongta
9	66kv Moti Falod
10	66kV Godadha
11	66kV Kathodara
12	66kV Kadod-2
13	66kV Anandpur
14	66kV Zankhari
15	66KV Bedkuvadur
16	66kV Kharshi
17	66kV Tarsadabar

GETCO

TRANSMISSION CIRCLE,

NAVSARI

TENDER NO: - TCNS-ETP-56-2026

Subject:- Supply, Installation and commissioning of CCTV camera surveillance system at various substations under Vav and Vyara construction division.

Estimated Cost: - Rs. 60,76,538.69

EMD Cost: - Rs. 60,765.00

Price of Tender: - Rs. 5900.00 (Including 18% GST)

Time Limit: - 01 Months

(PRICE BID)

Sub:- Supply, Installation and commissioning of CCTV camera surveillance system at various substations under Vav and Vyara construction division.

SCHEDULE B-					
Sr.No.	**Description of work/Supply**	**Unit**	**Qty**	**Rate**	**Amount**
1	Supply of IP Bullet Camera (2MP) with bracket & mounting accessories, as per technical specification and tender terms and conditions.	No	85		
2	Supply of IP PTZ Camera (2MP) with bracket & mounting accessories, as per technical specification and tender terms and conditions.	No	17		
3	Supply of Network Video Recorder (8 Ch) in built 6 TB SURVEILLANCE HDD , as per technical specification and tender terms and condition.	No	17		
4	Supply of POE SWITCH 8 Port with 02 nos SFP port with 02 SFP module, as per technical specification and tender terms and condition.	No	17		
5	Supply of 32" LED Monitor With Wall Mount Bracket, as per technical specification and tender terms and condition	No	17		
6	Supply of 1 KVA UPS, as per technical specification and tender terms and condition.	No	17		
7	Supply of Powder coated 9 U RACK, as per technical specification and tender terms and condition	No	17		
8	Supply of 4 Pair, CAT-6, Armoured cable, as per technical specification and tender terms and condition.	MTR	6800		
9	Supply of armored 4 core, 2.5 sq.mm with standard copper conductors power cable, as per technical specification and tender terms and condition.	MTR	850		
10	Supply of Standard ISI marked weather proof Junction box, as per technical specification and tender terms and condition	No	102		
11	Supply of 3 mtrs Long GI Pole (Conical/polygonal), as per technical specification and tender terms and condition.	No	17		

12	Laying of 4- Pair CAT-6 armour cable and Power Cable in PVC / HDPE pipe with all necessary accessories as per technical specification and tender terms and condition.	RMTR	6800		
13	Installation and commissioning charges for CCTV surveillance system including providing & Mounting Stand for LED and brackets for IP Bullet/PTZ camera, Patch cord, LIU, power adopter, HDMI cable, connectors, required splicing of cable etc. as per tender terms and condition.	RMTR	17		
				TOTAL	**0.00**
				GST @18%	**0.00**
				Net Total	**0.00**

Remark: -

1. Scope of work regarding installation of pole or mounting structure and underground cable laying work (if require) included in scope of contractor.
2. you have to submit undertaking to provide or supply any spare of system, which may require, for 5 years at least. (excluding G.P.).

Superintending Engineer

GETCO, Navsari