

 GETCO	Gujarat Energy Transmission Corporation Ltd.		 GETCO
	Circle Office, Amreli.		
	Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601.		
	e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com		
Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018			

E-Tender No. **TCAL/CMC/PRJ/32/2026-27**

Tender for Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Note : Submit all the self-attested Documents Online in nProcure only.

(Any Physical Documents and Demand Drafts for EMD and Tender Fee will not be accepted)

 GETCO	Gujarat Energy Transmission Corporation Ltd.		 GETCO
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com		
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018		

NAME OF WORK: Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

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	Gujarat Energy Transmission Corporation Ltd.		
	Circle Office, Amreli.		
	Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601.		
	e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com		
Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018			

Technical Bid

(Copy of tender Documents with sign & stamp to be uploaded in online bid)

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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E-Tender Notice No. TCAL/CMC/PRJ/32/2026-27

The Superintending Engineer, Transmission Circle, GETCO-Amreli invites "On line Tenders" (e-tendering) for the work **"Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar)."** from registered contractors in appropriate class with GETCO/Central/State Government/ Railway/ Semi. Govt. and who has executed similar nature of work successfully as mentioned in Qualification requirement criteria given in the tender document. Bidders should fulfil all the qualification criteria. Otherwise, their bids will not be considered & price bid will not be opened. All the bidders should have valid e-tender vender registration.

Tender papers & specifications may be down loaded from web site <https://getco.nprocure.com> (for view, download and online submission) and GUVNL/GETCO website www.getcogujarat.com (for view & download only).

"All the relevant documents of tender to be submitted Online only. All the Bidders will be required to pay Tender Fee & EMD plus applicable GST as mentioned in the tender documents by RTGS/NEFT/Online only to this office as mentioned in the "General Instructions to the Bidders" section of the tender.

Demand Draft/Banker's Cheque / Pay Order / Bank Guarantee for the Tender Fee & EMD will not be accepted.

Name of work	Estimated Cost in Rs. (Including GST @ 18%)	Time limit	Tender fee Rs. (Non-refundable)	EMD Amount for Non-MSME unit in Rs.	EMD Amount for MSME unit in Rs.
Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).	42,66,334.37	90 Days	1,180.00 (₹ 1,000.00 + CGST @ 9% ₹ 90.00 + SGST @ 9% ₹ 90.00)	40,000.00	35,000.00
Appropriate Class	GETCO registered contractor.				

1	On line (e-tendering) tender/offer submission Last date up to 16:00 hours only (This is mandatory)	07-09-2026
2	No any Physical submission require.	
3	Date of opening of Online Technical Bid – at 17:00 hrs. <i>(If possible)</i>	07-09-2026
4	Tentative Date of Opening of Online Price Bid <i>(If possible)</i>	After evaluation of technical bids

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : settramreli.getco@gebmail.com settramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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1. **All the relevant documents as per requirement of the tender to be submitted Online only i.e. Technical bid, Qualification requirement data, detail specification including Tender Fee plus GST as applicable and EMD.** Otherwise, the offer will not be considered and no any further communication in the matter will be entertained.
2. It is mandatory for all the bidders to submit their tender documents by on-line (e-tendering) only including Tender Fee and EMD.
3. **Tender Fee and EMD in form of DD/Banker's Cheque/Pay Order is not allowed.** If bidder submit the DD/ Banker's Cheque/Pay Order for Tender Fee and EMD, in that case the same tender will not be considered.
4. The bidders are required to fill up all the online appendices (annexure)/forms. This is intended for transparency and speedy evaluation of the bids. Instead of simply confirming, 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 submit supporting authentic documents in the physical bid.
(In the absence of required details in the online annexure, the corporation has every right to evaluate the bids accordingly and bidder cannot raise any objection against any point during evaluation.)
5. **Bidders are requested to remain in touch with the web site for any amendment/corrigendum or extension of due date etc.**
6. The Earnest Money Deposit and tender fee will be accepted only Online i.e.RTGS/NEFT only. Tender without EMD and tender fee shall be rejected.
7. 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.
8. **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 the online Annexures and price bid, other tender documents must be submitted/attached online only.**

Any technical questions, information and clarification that may be required pertaining to this enquiry should be referred to: **The Superintending Engineer, Gujarat Energy Transmission Corporation Limited., Circle Office, Amreli.**

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

Yours faithfully,

Superintending Engineer
Circle Office,
GETCO Amreli.

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

Note : In case bidder needs any difficulty in accessing / submission of on line bid / clarification or if training required for participating in online tender, they can contact the following office:

(n) Procure Cell, (n) code solutions-A division of GNFC Ltd.,
403, GNFC Info tower, S.G. Road,
Bodakdev Ahmedabad – 380054 (Gujarat)
Toll Free: 1-800-233-1010 (Ext. 501, 512, 516 , 517 , 525) ,
Phone No. 079-26857315 / 316 / 317, Fax: 079-26857321 / 40007533, Email: nprocure@gnvfc.net

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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Check List of Documents for Online Bid Submission by Bidder
{Mandatory to upload on-line only (pdf file) scanned with Duly Signed & Stamp}

Sr. No.	Particulars
1	Scan copy of online payment receipt of Tender fee & EMD
2	Annexure-I
3	Annexure-II and III
4	Integrity Pact
5	Confirmation regarding site verification
6	Annexure-14 (Undertaking in regard to Stop Deal/Banned for Business Dealing/Black List)
7	Annexure-V (Undertaking in ref to NCLT under Insolvency & Bankruptcy Code)
8	Declaration Schedule-1. (Undertaking in respect of reference not related with other firms for Tender)
9	Declaration Schedule-2. (Undertaking for not have any type of relationship with any current employees of GETCO)
10	Declaration Schedule-3. (No deviation certificate in respect of tender)
11	GETCO registered contractor certificate
12	Electrical contractor's license with latest validation
13	Copy of GST Registration
14	Copy of PAN Card
15	Latest Bank Solvency Certificate of any Scheduled Bank of a sum of minimum 20% of Bid Value
16	Details of partners/ Directors of the Firm/Company. Partnership Deed (If applicable).
17	Copy of Notarized Power of Attorney as the case may be.
18	Duly attested copy of MSME registration (If applicable)
19	Copy of last three years' Income Tax Return
20	Copy of balance sheet and profit loss statement of last three years
21	Copy of PF Registration
22	Copy of latest EPF paid challan.
23	Copy of Work Orders for relevant work experience incl. Schedule-B
24	Form-3A (Work Completion Certificates) for the Work Orders of relevant work experience
25	Scan copy of Self-attested Tender document including technical specification i.e. signed on each pages (preferably digitally signed)

	Gujarat Energy Transmission Corporation Ltd.	
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com	
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	

Annexure-I		
Details of the Firm		
Name of the Firm		
A		
1	Address of registered office	
2	Contact personnel	
3	Designation	
4	Residential Address	
5	Phone No.	
	Office	
	Residential	
6	Fax No.	
7	Telegraphic code	
8	E-mail address	
B		
1	Address of WORK	
2	Contact personnel	
3	Designation	
4	Residential Address	
5	Phone No.	
	Office	
	Residential	
6	Fax No.	
7	Telegraphic code	
8	E-mail address	

	Gujarat Energy Transmission Corporation Ltd.	
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	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	

Annexure-II								
Details of experience in last three years from the due date of tender								
Sr. No.	Name of s/s	Order reference no. & Date	Order value	Nos. of sub-stations/ feeder bays	Due date of completion	Date of completion	Order fully executed Yes/No	Status if order under execution
A	Gujarat Energy Transmission Corporation Ltd.							
1								
2								
3								
4								
5								
B	Other state electricity board							
1								
2								
3								
4								
5								
C	Private Firms							
1								
2								
3								
4								
5								

Annexure-III				
List of work completion certificate submitted with technical bid				
Sr. No.	Name of work	Name of the authority by whom the work completion certificate issued	Reference No. & Date	3A form attached or not ?
1				
2				
3				
4				
5				

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd.	
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com	
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	

Tender Notice No.: TCAL/CMC/PRJ/32/2026-27

Name of Work :

Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED BARODA	
<u>I N T E G R I T Y P A C T</u>	
<u>OUR ENEAVOUR</u>	
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.	
<u>GETCO COMMITMENT</u>	<u>PARTY'S COMMITMENT</u>
☐ To maintain the highest ethical standards In business and professional ☐ Ensure maximum transparency to the Satisfaction of stakeholders. ☐ To ensure to fulfill the terms of agreement / contract and to consider objectively the viewpoint of parties. ☐ To ensure regular and timely release of payment on due dates for work done. ☐ To ensure that no improper demand is made by employees or by anyone on our behalf. ☐ To give maximum possible assistance to all the Vendors / Suppliers / Service provider and other to enable them to complete the contract in time. ☐ To provide all information to suppliers/ contractors relating to contract / Job which facilitate him to complete the contract / job successfully in time. ☐ To ensure minimum hurdles to Vendors/ suppliers / contractors in complete of agreement / contract / work order.	☐ Not to bring pressure / recommendations outside GETCO to influence its decision. ☐ Not to use intimidation, threat, inducement or Pressure of any kind on GETCO or any of it's employees under any circumstances. ☐ To be prompt and reasonable in fulfilling the contract, agreement, legal obligations. ☐ To provide goods and / or services timely as per agreed quality and specifications at minimum cost of GETCO. ☐ To abide by the general discipline to be maintained in our dealings. ☐ To be true and honest in furnishing information including payment to agents / sub-agent. ☐ Not to divulge any information, business details available during the course of business relationship to others without the written consent of GETCO. ☐ Not to enter into carter / syndicate / understanding whether formal / non-formal so as to influence the price.
Seal & Signature (GETCO Authorized Signatory)	Seal & Signature (Party's Authorized Person)
Name : Designation :	Name :

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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(On the letter pad of the Company / Firm)

Confirmation Regarding Site Verification

Date:

To

The Superintending Engineer,
Near 66kV Amreli-A Sub-station,
Keriya Road, GETCO
Amreli – 365 601.

Sub: Confirmation Regarding Site Verification for Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Ref: Tender No.—TCAL/CMC/PRI/32/2026-27

Dear Sir,

In context to above reference tender, I hereby confirmed that I have visited the site/sites as mentioned in tender. And after keeping familiar myself completely about site & situation I am applying in tender and accepting all terms and condition mentioned in tender in to.

Thanking You.

Yours faithfully

Authorized signatory Name & signature

Seal of the Firm

Signature of the Tenderer

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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(On the letter pad of the Company / Firm)

Annexure-14

(UNDERTAKING IN REGARD TO STOP DEAL/BANNED FOR BUSINESS DEALING/BLACK LIST THEREOF IN FIRM'S LETTER PAD)

To
The Superintending Engineer,
Near 66kV Amreli-A Sub-station,
Keriya Road, GETCO
Amreli – 365 601.

Sub: Undertaking in regard to Stop Deal/Banned for Business dealing/Black list thereof for Tender of Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Ref: Tender No. TCAL/CMC/PRJ/32/2026-27

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

I/We _____ authorized signatory of M/s. _____ here by certify that M/s. _____ and their proprietor/any partner/any directors of the firm is not stop deal and/or banned for business dealing and/or black listed by GUVNL and/or their any subsidiary company viz. GSECL/GETCO/DGVCL/MGVCL/UGVCL/PGVCL.

Seal of the firm

Signature of the tenderer

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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(On the letter pad of the Company / Firm)

Annexure - V

(UNDERTAKING IN RESPECT OF REFERENCE TO NCLT UNDER INSOLVENCY & BANKRUPTCY CODE).

To
The Superintending Engineer,
Near 66kV Amreli-A Sub-station,
Keriya Road, GETCO
Amreli – 365 601.

Subject : Undertaking in respect of reference to NCLT under insolvency & bankruptcy code for Tender for Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Name of Work: **Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).**

Tender No. **TCAL/CMC/PRI/32/2026-27**

In connection with above subject, I / We confirm that our firm is not declared in NCLT under Insolvency & Bankruptcy Code. Further, I / We also agree that, if any found NCLT under Insolvency & Bankruptcy Code, the offer shall be out rightly rejected without assigning any reason thereof.

(Seal, Sign & Name of Authorized Signatory of Bidder)

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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(On the letter pad of the Company / Firm)

Declaration Schedule-1

(Undertaking in respect of reference not related with other firms for Tender)

Date :

To
The Superintending Engineer,
Near 66kV Amreli-A Sub-station,
Keriya Road, GETCO
Amreli – 365 601.

Sub : Undertaking in respect of reference not related with other firms for Tender Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Ref: Tender Notice No.TCAL/CMC/PRJ/32/2026-27

With reference to above your tender Notice No.TCAL/CMC/PRJ/32/2026-27, for the work of Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

I / We _____ authorized signatory of M/s. _____ hereby certify that, We M/s. _____ is not related with other firms who have submitted tenders for the same items under this inquiry / Tender.

Yours Faithfully,
(Signature with Stamp of the Tenderer)

	Gujarat Energy Transmission Corporation Ltd.		
	Circle Office, Amreli.		
	Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : settramreli.getco@gebmail.com settramreli@rediffmail.com		
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018		

(On the letter pad of the Company / Firm)

Declaration Schedule-2

(Undertaking for not have any type of relationship with any current employees of GETCO)

Date :

To
 The Superintending Engineer,
 Near 66kV Amreli-A Sub-station,
 Keriya Road, GETCO
 Amreli – 365 601.

Sub : Undertaking for not have any type of relationship with any current employees of GETCO for Tender of Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Ref: Tender Notice No.TCAL/CMC/PRJ/32/2026-27

With reference to above your tender Notice No.TCAL/CMC/PRJ/32/2026-27, for the work of Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

We do not have any type of relationship with any current employees of GETCO.

Yours Faithfully,
 (Signature with Stamp of the Tenderer)

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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(On the letter pad of the Company / Firm)

Declaration Schedule-3

(No deviation certificate)

To
The Superintending Engineer,
Near 66kV Amreli-A Sub-station,
Keriya Road, GETCO
Amreli – 365 601.

Sub : No Deviation Certificate for Tender of Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Ref. : TCAL/CMC/PRJ/32/2026-27

Due on date: / / 2026

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

I / We, the under signed have read and examined the Tender Specifications in tender mentioned under reference along with the Commercial terms and conditions.

I / We, declare that our Technical Bid is strictly in line with the Tender specifications.

Further, I /We also agree that additional conditions / deviations, if any, found in the commercial terms & conditions, our offer shall be out rightly rejected without assigning any reason thereof.

Seal of the Firm

**Signature of the Authorized
Representatives of the firm**

Date:

Name:

Status:

Name of the Tendering Firm / Agency:

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : settramreli.getco@gebmail.com settramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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GENERAL INSTRUCTIONS TO THE BIDDERS

1. Payment of Tender Fee: **(Non-Refundable)**

- Payment of Tender Fees will be **accepted online i.e. by RTGS/NEFT/Online only.**
- **Tender Fee in form of DD/Banker's Cheque/Pay Order is not allowed.** If bidder submit the DD/ Banker's Cheque/Pay Order for Tender Fee and EMD, in that case the same tender will not be considered.

2. Payment of Earnest Money Deposit (EMD):

- Payment of Earnest Money Deposit (EMD) will be **accepted online i.e. by RTGS/NEFT/Online only.**
- **EMD in form of DD/Banker's Cheque/Pay Order is not allowed.** If bidder submit the DD/ Banker's Cheque/Pay Order for Tender Fee and EMD, in that case the same tender will not be considered.

3. Documents with Bid submission:

- **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 called from bidder.**
- In case of 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 for n-procure invited tenders.
- **It shall be sole responsibility of the bidder that the uploaded scanned documents (in PDF form) remain legible (readable) and should not be password protected.**
- **All online bid Annexures & Tender Evaluation Checklist (QR) should be clearly filled. For any differences or wrong entry, bidder shall be sole responsible for that documents.**
- The bidders are required to fill up all the online appendices (annexure)/forms. This is intended for transparency and speedy evaluation of the bids. Instead of simply confirming, the bidder shall fill in the particulars against appropriate place in respect of each line appearing in each online annexure.
- In the absence of required details in the online annexure, the corporation has every right to evaluate the bids accordingly and bidder cannot raise any objection against any point during evaluation.
- All others Terms & Conditions of the original tender will remain unchanged.
- It is, therefore, requested to follow above amendment guidelines scrupulously for all tenders invited through online, please.
- **By bidding online, the bidder is deemed to have read, understood and accepted all the terms and conditions mentioned in the tender.**

 GETCO	Gujarat Energy Transmission Corporation Ltd.		 GETCO
	Circle Office, Amreli.		
	Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : settramreli.getco@gebmil.com settramreli@rediffmail.com		
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018		

4. The details of payment through RTGS/NEFT/Online, bidder has to e-mail following details :

Sr. No.	Particulars	Requisite 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)	

Above details has to be submitted by bidder on following e-mail ids ;

- 1) settramreli@rediffmail.com
- 2) aotr.amreli@gebmil.com
- 3) detech1coamreli.getco@gebmil.com

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

5. Bank Details for RTGS/NEFT Payment :

Sr. No.	Particulars	Requisite Details
1	Name of Bank	State Bank of India
2	Name of Branch	Library Chowk, Amreli (Gujarat)
3	Branch Code	60030
4	IFSC Code	SBIN0060030
5	Name of Account	The Superintending Engineer, TR GETCO, Amreli
6	Account No.	31690479584

**Superintending Engineer
GETCO, Circle Office, Amreli.**

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Technical Qualification Requirement Criteria

The bidder should satisfy following minimum technical requirements....

1. Registration:

The bidder shall be strictly a GETCO registered contractor.

2. Technical criteria:

For Substation Work :

I) The Bidder shall have executed **minimum 01 No. of 66/11KV Substation** with State or Central Transmission Utility or major industries **OR 03 Nos. of 66KV bays i.e. Transformer/Feeder bays** at same or different locations. Substations include minimum two nos. of feeder bays, one no. of Transformer bay, as a **Main contractor.**

II) The bidder shall have valid Electrical Contract License and approved Vendor of GETCO/STU/CTU, registered under GST Act and should have CPR/PF Registration Certificate.

(Copy of W.O. including Schedule-B + Work completion certificate/3A form duly signed by concern E.E.)

3. Electrical contractor's license with latest validation.

Financial Qualification Requirement Criteria

Following Documents must be uploaded by the bidder in nprocure with their Tech Bid :

1. *Payment of Tender fee and EMD through Online mode of Payment only.*
2. *Copy of GST Registration. GST No. must be online active*
3. *Copy of PAN Card*
4. *Latest Bank Solvency Certificate of any Scheduled Bank of a sum of minimum 20% of Bid Value.*
5. *Details of partners/ Directors of the Firm/Company. Partnership Deed (If applicable).*
6. *Copy of Notarized Power of Attorney as the case may be.*
7. *Duly attested copy of MSME registration (If applicable).*
8. *Copy of last three years' ITR.*
9. *Copy of balance sheet and profit loss statement of last three years.*
10. *Under taking in respect of reference to NCLT under Insolvency & Bankruptcy Code.*

HR Qualification Requirement Criteria :

1. *Copy of PF Registration*
2. *Copy of latest EPF paid challan.*

Experience of subletting-order shall not be considered.

Above qualification criteria is for techno-commercial-HR 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.

NOTE:- Along with above QUALIFICATION requirement, bidder should submit,

1. **Filled Annexure-14, Annex-V, Site verification and Annexure-1 to 3 in company's letter pad.**

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2. **All documents should be submitted duly self attested by the bidder in online through nProcure only.**

Scope of Work

- 1 The Scope of the proposal shall be on the basis of a single Bidder's responsibility, completely covering all the services specified under the accompanying Technical Specifications.
- 2 The Bidder shall complete all the schedules & annexure in the Bid Proposal Sheets, technical Data Sheets and specified elsewhere.
- 3 The scope of work is **"Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar)."** as per standard specification and standard practice of GETCO and as per EIC.
- 4 The above work shall be done as per GETCO's approved drawing/layout.
- 5 Necessary field quality plan of GETCO shall be implemented and necessary documentation shall also be maintained as per GETCO's norms and instruction of EIC. If required field quality plan shall be available at field offices.
- 6 During the work of erection of feeder-TR bay/Sub-station/line or others works safety check list shall be followed. Necessary check list will be available at our field office.
- 7 **Successful bidder has to appoint site Engineer to maintain site register & FQP as per ISO.**
- 8 **All work should be done according to ISO & FQP and all required documents including FQP, testing results etc. should be submitted while handing over the completed work.**
- 9 **The quantity mentioned in price bid is tentative and may vary in actual work execution.**

Safety Clause

- 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:

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.40000/- 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

- Reporting: -**

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

- Safety Requirement:**

- 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.
- During site visit by GETCO official of Executive Engineer and above rank, the following checks during execution of work shall be covered.
 - Safety equipment available and utilize.
 - Helmet.
 - Safety belt.
 - Safety shoes.
 - Live line Voltage detector
 - Safety procedure adopted.
 - Permit to work
 - Earthing at the place of work.
 - Adequate supervision.
 - T & P physical Check. (Healthiness and Quality)
 - P. P. rope.
 - Wire rope and sling.
 - Earthing rod
 - 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)**
 - During subsequent visit, if violation is found, then double penalty shall be deducted from the bill of the Contractor/Agency.**

- The contractor will have to give indemnity bond & safety cum indemnity on stamp paper of Rs. 300/- to GETCO against any possible claim of compensation for damage to contractor's equipment or staff or any of third parties during the execution of work.

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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 be 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 also to all the authorities envisaged under the applicable laws.

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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 fire fighting 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 and 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.

<u>Indoor safety precaution</u>	<u>Outdoor safety precaution</u>
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 maybe live. - Disconnect equipment from supply. - Protect against other live parts. - Take special precautions when close to bare conductors / Busbar.	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: - HT/LT line or tap line crossing under each span of line of the work. - Isolation point of each line crossing. - 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. - The contractors must provide advance planning of work to concerned in-charge of substation in writing. - Before starting any work whether switch yard, "<u>permit to allow to work</u>" must be taken from control room in-charge. - Utilizing Electrical / non-electrical Equipment, safety rules must be implemented. - If the work is to be carried out on Sunday or public holiday, the necessary permission must be taken in advance, requesting in writing. - Unwanted person including children of labours will not be allowed at working site/ in the switchyard and in the prohibited area. - 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.

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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 & 3. right side of bus bar / string bus. 4. 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.

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-: GENERAL COMMERCIAL CONDITIONS :-

1. **Definition of Terms:** “Owner” shall mean the Gujarat Energy Transmission Corporation Ltd, Vadodara or any of its group companies i.e. GUVNL, GSECL, MGVL, DGVCL, PGVCL, UGVCL and shall include its legal representatives, successors and assigns.
2. The Gujarat Energy Transmission Corporation Ltd., Amreli hereinafter called ‘GETCO’/ ‘OWNER’ intends to receive bids for **“Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).”** detailed in the accompanying specifications in accordance with Terms and Conditions herein. The bids shall be prepared and furnished as per these instructions.
3. **The validity of tender is 180 days from the date of opening of technical bid.**
4. **Earnest Money Deposit:**
 - a. **Payment of Earnest Money Deposit (EMD) will be accepted by RTGS/NEFT/Online only.**
 - b. **EMD in form of DD/Banker's Cheque/Pay Order is not allowed.** If bidder submit the DD/ Banker's Cheque/Pay Order for Tender Fee and EMD, in that case the same tender will not be considered.
 - c. **Tenders not accompanied by EMD shall be rejected.**
 - d. **If during the tender validity period, i.e. 180 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 on receipt of EMD refund application from the bidder. 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 plus GST shall be forfeited and the tenderer may be disqualified from tendering for further works for GETCO.**
 - f. All the Bidders shall be required to pay EMD, except those who are exempted as per Industries & Mines Department, GoG New Purchase Policy Resolution No. SPO/1095/2636(97) /CH dated 23.09.1997 for Small and Micro Scale Industries.
 - g. **In cases, where EMD need not to be paid, valid exemption Certificates duly Notarized has to be produced / attached in place of EMD documents as per the Tender Terms and Conditions.**
 - h. **The Micro and Small Scale Industrial (manufacturing) Units registered under Small Scale Industries of Gujarat State and holding subsequent registration with CSPO / NSIC / DGS&D, Registration Certificates for the item under Tender will be eligible for exemption from payment of EMD on submission of attested copies of their SSI (SSI/ MSME Part-II) & CSPO / NSIC / DGS&D Registration Certificates in EMD Cover. This benefit of exemption will not be admissible if they take part in the tender indirectly either through their dealers, agents, distributors or other intermediators.**
 - i. The Certificates should indicate the manufacture of items offered.
 - j. Government or Semi-Government Organizations, which are being run departmentally & are not Limited Companies, will be eligible for exemption from payment of EMD.
 - k. Participants not covered under these categories mentioned at Clause No. 4.9.3 will have to pay EMD compulsory, as prescribed in tender notice, failing which the “Bid” will be treated as “Disqualified Bid” and automatically stand as “Rejected Bid” at the time of opening of Preliminary / Technical Bid.
5. All commercial terms and conditions except rates shall be indicated in the technical & commercial bid only.
6. The Tenderers shall specifically note that the Tenders are invited on percentage basis only.

7. Arithmetical error will be rectified on the following basis:
- 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.
 - 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.
 - 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.
 - A 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.
8. The tenderers will ensure submission of the Tenders duly filled in before the due date and time.
9. **Security Deposit** : The successful agency/contractor will have to pay the **Security Deposit at 5% of the order value on placing the LOI**. The contractor will have to pay **entire S.D i.e. 5% by demand draft / BG of any Nationalized/Scheduled Bank as per approved format' within 10 days from the date of the issue of LOI, failing which EMD of bidder will liable to be forfeited**. higher percentage of security deposit may be fixed at the direction of The Superintending Engineer. DD/B.G. issued by some co-operative bank is acceptable as per listed under
- Guarantees issued by following Banks will be accepted as SD on permanent basis;
 - All Nationalized Banks.
 - Guarantees issued by following ***Banks listed in the latest Circular No.01/2026-27 dt.08.04.2026, will be accepted as SD for the period up to 31st March'2027.*** The validity cut-off date in the GR is with respect to the date of issue of Bank Guarantee irrespective of the date of termination of Bank Guarantee.

1. AXIS Bank
2. AU Small Finance Bank
3. Bandhan Bank
4. City Union Bank
5. CSB Bank
6. DBS Bank India Limited
7. DCB Bank
8. Dhanlaxmi Bank
9. Equitas Small Finance Bank
10. FEDERAL Bank
11. HDFC Bank
12. HSBC Bank
13. ICICI Bank
14. IDBI Bank

21. Kotak Mahindra Bank
22. RBL Bank
23. South Indian Bank
24. Standard Chartered Bank
25. Tamilnad Mercantile Bank
26. Ujjivan Small Finance Bank
27. YES Bank
28. Ahmedabad Mercantile Co-Op Bank
29. Nutan Nagrik Sahkari Bank Ltd.
30. Rajkot Nagrik Sahkari Bank Ltd
31. Saraswat Co-Operative Bank Ltd
32. SBPP Co-operative Bank Ltd.
33. SVC Co-Operative Bank Ltd.
34. The Cosmo Co-Op Bank Ltd.

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15. IDFC First Bank	35. The Gujarat State Co-Operative Bank
16. IndusInd Bank	36. The Surat District Co-Operative Bank
17. Jammu and Kashmir Bank	37. The Surat People's Co-Op. Bank Ltd
18. Jana Small Finance Bank	38. The Baroda Central Co-operative Bank
19. Karnataka Bank	39. The Panchmahal District Co-Operative Bank
20. Karur Vysya Bank	40. The Kalupur Commercial Co-Op. Bank
	41. The Rajkot Commercial Co-operative Bank
	42. The Banaskantha Mercantile Co-op. Bank
	43. Gujarat Gramin Bank

No interest will be allowed on amount of Security deposit. ***The security deposit will be refunded only after the completion of guarantee period of 1 year of work done or finalization of final bill whichever is later. (FDR will not be accepted). The same shall be return on receipt of N.O.C. by the concerned DE (Const.)/Project In charge, after successful completion of guarantee/warrantee period only.***

10. **Performance Bank Guarantee (PBG) for CCTV Surveillance System :** Since the CCTV Surveillance System supplied and installed under the contract carries a **36 (Thirty-Six) months warranty from the date of successful commissioning and acceptance**, the successful bidder shall furnish a separate Performance Bank Guarantee (PBG) equivalent to **10% (Ten Percent) of the accepted value of the CCTV portion of the contract only** and not on the total contract value. ***The PBG furnished should have clear one-time validity upto the expiry of the Guarantee/Warrantee period from the date of Commissioning of CCTV Camera Surveillance System.***

The PBG shall be submitted before release of payment for the CCTV System or within 15 days of commissioning, whichever is earlier.

The PBG shall remain valid for the entire warranty period of 36 months, plus an additional three (03) months for claim settlement, if any.

During the warranty period, the contractor shall attend all complaints and rectify/replace defective equipment which are cover in warrantee as per the technical specifications of the tender, without any additional cost to GETCO. Failure to fulfill the warranty obligations shall entitle GETCO to invoke the PBG, wholly or partly, without prejudice to any other rights available under the contract. The PBG shall be released after successful completion of the guarantee/warranty period and settlement of all claims, if any.

11. **Contract Period :** The time allowed for completion the work is **90 (Ninety) Days/ (03 Months) from the date of commencement by concern DE(Const)**, failing which the penalty @ $\frac{1}{2}\%$ per week **(+ GST applicable)** or part thereof on delayed portion of work and / or supply value subject to ceiling of 10% **(+ GST applicable)** of the total contract value will be imposed. Interim mile stones to be jointly fixed after issue date of commencement.
12. The time limit for the 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.
13. **Goods and Service Tax (GST) :**

The amount and % 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 SGST Act, 2017 and all related ancillary legislations). Contractor should charge GST in Invoice at the rate as agreed to / mentioned in acceptance of tender only and any deviation in the same shall not be accepted. 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

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interest if any. Such refund along with interest needs to be passed on suo-moto by the supplier / contractor.

Further, the Company has a right to recover the amount of GST along with penal interest at the rate of 18% 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.

1% SGST TDS and 1% CGST TDS or 2% IGST TDS on principal amount is applicable with effect from 01.10.18.

All royalties, toll tax, local tax, development charges, Goods & Service Tax (GST), Cess & any other taxes as applicable. in respect of this contract shall be payable by the contractor & Gujarat Energy Transmission Corporation will not entertain any claims whatsoever in this aspect.

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

GST :

- (i) Contractor has to submit the GST Registration certificate.
- (II) Contractor should be registered under GST laws which they shall pay the GST for this contract.
- (iii) Contractor has to submit invoice/Challan as documentary proof with each RA bill & Final Bill and in which it shall be specifically mention the nature of service & SAC code under which the amount of GST payable by contractor and payable by GETCO (if any) without fail.
- (iv) GETCO will be withheld the GST x amount of contractor and it shall be reimbursed on production of documents evidences of payment made by contractor
- (V) The Contractor has to submit invoice to GETCO indicating following.

Name, address and GST registration no. of the service provider Name and address of person receiving the service i.e. GETCO Description and value of taxable service provided

The total GST payable thereon with bifurcation of service tax GST payable by service provider and service receiver.

- Contractor has to also supply tax invoice as described under GST rules and Regulation r indicating GSTIN No. Contractor has to submit notarized undertaking regarding applicability of E-invoice and if provision of E-invoice will be applicable to the contractor then payment of the bill will be done only on submission of e-invoice as per GST Act. Format of E-invoice undertaking is attached herewith for ready reference.

- (VI) "GST may be paid along with the RA Bills and you have to submit the CA Certificate and Undertaking signed by authorized signatory of the contractor along with the last RA bill / final bill to ensure that GST charged and collected from GETCO is paid to Government treasury and the accurate & correct details of invoices are also uploaded on the GST portal within the stipulated time. The Copy of CA Certificate and Undertaking is attached herewith.

However, final bill shall be paid and SD / BG shall be released only if the contractor has duly discharged its GST liability related to the said contract and submit necessary documentary evidences as mentioned above.

In case, Contractor fails to submit the above mentioned documentary evidences, the GST shall be recovered along with Interest @ 18 % from the payable amount of the contractor for said contract or any other contract.

Final bill shall be passed & paid and SD shall be released only if Agency/Contractor has duly discharged its GST liability related to the contract and submit C.A. certificate and undertaking.

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14. WELFARE CESS :

- a. On receipt of A/T, the successful contractor / bidder will get them registered under Welfare Cess Act and submit the documentary evidence to the concern office. Copy of Registration certificate shall be submitted before submission of 1st RA bill
- b. As per the Welfare Cess Act, the welfare cess @ 1% is applicable on supply and erection items for supply, erection, testing & commissioning of substation, transmission lines, EPC/Turnkey projects, and civil works.
- c. Contractor shall get registered under Welfare Cess Act before commencement of work in required head as per nature of work. Office of the Factory Inspector is authorized at present as a registering authority.**
- d. GETCO shall pay the welfare cess by way of reimbursing to contractors on production of documentary evidence of payment. Registration charges will not be reimbursed.
- e. The contracts for which supply or part supply of material are in the scope of GETCO, then contractors shall deposit welfare cess on estimated cost of supplied items to GETCO on progressive basis of utilization. As this part of welfare cess is on GETCO account, the same shall be reimbursed to the contractor on receipt of request letter along with documentary evidence of payment. For calculation of welfare cess on supply part, valuation as per MR shall be taken and informed to the contractor for payment. This will be over and above the A/T value. The modality of payment/ reimbursement of welfare cess will be as under.
- f. Before release of payment of first R. A. Bill, the contractor has to submit the documentary evidence of registration. Only thereafter, the bill will be processed for payment.
- g. Welfarecess shall be reimbursed on production of proof of such payments made by the contractor to the appropriate department as per rules. Payment should be made through cheque only and afterward for 10 Days Bank statement should be produce at the time of reimbursement of welfare cess.**

If the R.A. Bill happens to be first and final bill, then before release of payment, contractor has to submit documentary evidence of registration under Welfare Cess Act and evidence of payment of welfare cess.

- 15. The successful Bidder/Contractor will have to give indemnity bond for material on Non-judicial Stamp paper of value Rs. 300/- to GETCO as per attached format. The cost of stamp paper will be borne by the contractor.**
- 16. The successful Bidder/Contractor will have to give safety cum indemnity on Non-judicial Stamp paper of value Rs.300/- 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.**
- 17. Also, the successful bidder will have to execute Agreement on stamp paper of value Rs.300/- at our Circle Office, GETCO, **Amreli** within 15 days of LOI/AT as per GETCO's prescribed Performa. The cost of stamp paper will be borne by the contractor. Also, this tender documents have to signed and submit to this office by the successful bidder.**
18. 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.
19. The quantum of the work as mentioned in estimate/ schedule –'B' is tentative and it can be vary or differ as per site condition. The payment shall be made only on actual work executed or order quantity, whichever is less.
- 20. 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 S.D. or any other action as may be decided by Superintending Engineer (TR), GETCO, Amreli/Competent Authority.**

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21. 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.
22. **No part rate or reduced rate shall be allowed in final bill. No sub-contractor shall be allowed without prior approval from work order issuing authority.**
23. **No higher rate or revised rate will be applicable for the work, if work is held up/ closed due to whatever so reasons.**
24. **GETCO will not pay any idle charge for any site conditions or any circumstances.**
25. **For shortages of any materials issued by the GETCO for the work, recovery shall be made from the agency, on the basis of prices of the materials (prevailing on the date of settlement of materials account) plus 15% supervision charges + GST applicable.**
26. **Billing and Payment Terms**
 - (a) The contractor shall have to submit the RA bill of order to the concerned Deputy Engineer of sub-division of concerned division for payment once in a month period.
 - (b) 90% payment of amount claimed as per invoice by party as per schedule-B/scope of the work covering various activities and as per terms and conditions of tender made within 60 days from the date of R.A.Bill.
 - (c) Balance 10% amount shall be paid after settlement of material account of items supplied, used, and credited the balance material. The same amount will be released in final bill only and payment will be made only after passing of final bill.
 - (d) 10% amount of bill will be retained from each RA bill for the work executed after the scheduled date of completion and on finalization of time limit extension by competent authority; this amount will be released after deducting amount towards the time limit penalty if any.
 - (e) GETCO shall deduct the Income-Tax and other taxes as per prevailing rules from each and every bill.
 - (f) If net payable amount is more than Rs 10 Lacs, payment will be released from circle office/corporate office. All the payment shall be made through RTGS/NEFT only.
 - (g) The payment will be released within 60 days. However, in case of any delay due to any eventuality no interest charges shall be paid.
 - (h) All the bills in accordance with the above clauses must be submitted with the following information:
 - 1) Item wise work done during billing period.
 - 2) Item wise cumulative work done.
 - 3) Account for material consumed and balance stock.
 - 4) For non-submission or part submission of above information, an additional 5% amount of the respective RA bill shall be withheld and shall only be released at the time of final bill.
- (i) **PAYMENT TERMS UNDER MSME ACT:**
 - (1) You have to update your MSME detail on GETCO's website by following link <https://getco.co.in/msme/> (and intimate to concern bill submitting office with copy to this office).
 - (2) The payment will be made within 45 days from the ***date of acceptance** or the ****date of deemed acceptance** of goods or Services i.e. After submission of all required documents as per AT Terms & time to time circular issued by GETCO's Corporate Office as well as statutory requirement to process the Bill.
 - **Date of acceptance means –**
 - (a) The day of actual delivery of goods or the rendering of services; or
 - (b) Where any objection is made in writing by the buyer regarding acceptance of goods or services, the day on which such objection is removed by the supplier;

** "Date of deemed acceptance"

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means, where no objection is made in writing by the buyer regarding acceptance of goods or services within fifteen days of the delivery of the goods or the rendering of services, the day of the actual delivery of goods or the rendering of services;

(j) Vendor Management System (VMS) : “To streamline and enhance the effectiveness of the invoice submission process by the Vendors, GUVNL has introduced Vendor Management System(VMS) for both material supply bills and work-related bills at the Circle/Division/Sub-division level.

All the Supplier/Contractor have to use this portal (www.vms.guvnl.com) to upload the Invoice of any of the GUVNL group company including GETCO along with relevant documents like Tax Invoice, Commercial Invoice, Proper Dispatch Certificate, Lorry Receipt, Test Certificate, Advanced Stamp Receipt etc. for supply bills and Tax Invoice, PF documents, GST Challans, Welfare cess challans, Insurance copies etc. in one file as per the AT / PO/ Work Order Terms and Conditions. Supplier/ Contractor login / password will be provided on request by respective company, one login credential for all GUVNL group companies for uploading of invoices.”

27. The contractor has to follow all labor 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 equipment shall be sole responsibility of the contractor.
28. 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.
29. 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.
30. The work should be commenced immediately from the date of receipt of instructions from office and should be completed within stipulated time limit thereafter.
31. The tender includes all minor accessories and items of work which have not 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.
32. Tenderer will be qualified only who have submitted all the required documents as mentioned in tender notice.
33. **Guarantee :** It is the responsibility of the contractor to handover the complete work free of all defects. If within a period of **01 (One) year** from the date of handing over the work it is noticed that any defects occur due to bad workmanship, it is the duty of the contractor to rectify / replace the same at his own cost. 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.
34. **Warrantee for CCTV surveillance System :** After completion of CCTV Surveillance system by the successful bidder, Guarantee/Warrantee period shall be 03(Three) years as per the technical specifications, from successful commissioning certificate issued by concern DE(Const).
35. **In case of any dispute/ doubt, the decision of Superintending Engineer, GETCO, Amreli. shall be unchallengeable, final and binding to the contractor.**
36. The contractor has to remain in close day to day contact with Engineer in charge of work i.e. concern **D.E.(Const) of Sub-division** who will issue detailed instruction for the commencement of the work.
37. 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.
38. All other general terms and conditions as prevailing in the GETCO shall be applicable to the contract.
39. **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.**
40. The contractor must engage sufficient knowledgeable persons round the clock, exclusively for oil filter machine provided by GETCO for oil filtration work. No loss of oil should occur and in case if

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occurs; its cost will be recovered from contractor's bill. The contractor has to apply sufficient nos. of cycles for oil filtration works as decided by the Engineer in charge.

41. The tender shall be issued to only the experienced contractor who has completed such job of similar nature and magnitude satisfactorily in time. However, filling of on line tender, does not qualifies the tenderer to offer the bid.
42. **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, GETCO, Amreli will be final and unchallengeable.**
43. After completion of the work, all the surplus materials issued by the GETCO shall be returned by contractor to the respective center of the GETCO as per instruction of Engineer in charge at your cost.
44. Specification in any items mentioned in tender are subject to change without any prior notice and binding to the contractor.
45. If the work is required to be carried out during fix outage then the contractor has to deploy adequate man power, material, tools etc. well in advance and has to complete the entire work during this specific outage period only, failing to which GETCO shall be at liberally to deduct the amount of revenue loss due to prolong outage.
46. If required by GETCO, contractor shall have to provide free to and fro traveling facility to our Junior Engineer or Technical staff for the work.
47. **The contractor shall not refuse to execute the 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.**
48. No subcontractor, Power of Attorney shall be allowed without prior approval of competent authority.
49. All the materials issued by GETCO shall be transported to the work site on same day and to be preserved in safe custody failing to which GETCO shall initiate legal action if required. Similarly as per instruction of Engineer in charge, contractor have to credit the material at GETCO store without any loss of time failing to which GETCO shall initiate legal action if required.
50. No tools, tackles, manpower, crane facilities etc. will be provided by the GETCO.
51. The contractor has to submit the list of tools, tackles, equipments with him along with his tender offer.
52. **The contractor will have to deploy adequate skill labours/ fitters as per requirement of the work at site on daily basis, failing to which GETCO shall deduct 1,000/- per day plus GST from the bill.**
53. **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 – 'B'. 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.**
54. **GENERAL:**
 - a. **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 of specification etc. the decision of **Superintending Engineer, Transmission Circle, GETCO, Amreli** will be final and shall be binding to the contractor.
 - b. **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.

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- c. 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 and Executive Engineer during the site visit. Any bill without site register shall not be passed.
55. The contractor shall be responsible for breakages, losses and theft of material during transit or erection after the materials issued from the stores till the completion of work and is taken over by the GETCO.
56. The contractor will be responsible for the loss, distribution of deterioration of the materials, stores or articles supplied to him by the GETCO, 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.
57. The contractor shall co-operate with the GETCO in recording measurement etc. as expeditiously as possible and he shall fulfill all the requirements which are necessary to finalize the accounts on the basis of its records and pay him such amount as if found due to him together with the amount of security deposit. If any remaining payable to him after deduction, there from the amount due by him to the GETCO. The GETCO shall not entertain further claim from thereafter.
58. 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.
59. **Delivery of Material :** All material/ equipment required for this work as per schedule shall be delivered at any store centers of GETCO Store/EHV line site store jurisdiction and contractor has to take delivery from these stores at his own cost only.
60. Contractor will ensure that completion of work i.e. all works connected with substation/line/other having been completed correctly as per Indian Electricity Rules & procedure. Any extra cost involved due to incompleteness of work or bad workmanship found out Subsequently shall be set right forth with by contractor at his own cost.
61. **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.
62. Quantities given in the Schedule of work in price Bid are to be executed by the contractor at the rates accepted by the GETCO in the A/T. In case of any deviation in tower quantity / type of tower / length of line, excavation / concreting/OTHER WORK resulting into an increase in which event the field officer shall obtain prior approval of the COMPETENT AUTHORITY and excess quantity shall be paid only at the accepted rate of the A / T. No any Excess work / amount to be executed without prior approval of competent authority.
63. The erection work beyond contractual ceiling amount shall be done only after approval from the GETCO authority.
64. **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.
65. **CO-OPERATION WITH OTHER CONTRACTORS :** Contractor shall co-operate with all other Contractors or tradesmen of the Owner, who may be 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.
66. **PROTECTION OF WORK :** The Contractor shall have total responsibility for protecting his works till it is finally taken over by GETCO. 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

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complete restoration of the damaged works to original conditions to comply with the specification and drawings.

67. Contractor's Default :

- a. *If the Contractor shall neglect to execute the work with due diligence and expedition or shall refuse or neglect to comply with any reasonable order given to him, in writing by Engineer in connection with the works or shall contravene the provisions of the contract, the owner may give notice in writing to the contractor to make good the failure, neglect or contravention complained of should the contractor fail to comply with the notice within 30 days from the date of serving the notice, then and in such case the owner shall be liberty to employ other workmen and forthwith to execute such part of the work as the contractor may have neglected to do or if the owner shall think fit, without prejudice to any other right he may have under the contract to take the work wholly or in part out of the contractor's hand and re-contract with any other person or persons to complete the work or any part thereof and in that event the Owner shall have free use of all Contractor's equipment that have been at the time on the site in connection with the works without being responsible to the contractor for fair wear and tear thereof and to the exclusion of any right of the contractor over the same, and **If the sum that the contractor is entitled to be paid plus the costs incurred by the owner in completing the works, exceeds the contract price or the entire works if entire works have been completed or the price for part of the work if part of the work have been completed, the contractor shall be liable for such excess.***

If such excess is greater than the sums due to the contractor, the contractor shall pay the balance to the owner and if such excess is less than the sums due to the contractor, owner shall pay the balance to the contractor. For facilitating such payment, over shall encash the Bank Guarantees of contractor available with Owner's retain such other payments due to the contractor under the contract in question or any other contract that the owner's may have with contractor. Such payment of excess amount shall be independent of the liquidated damages for delay which the contractor shall have to pay if the completion of work is delayed.

- b. If it is found that the work is unsatisfactory or not progressing as per the program / BARCHART / Target period, any action taken by the GETCO, as may be deemed fit, to see that work is completed as required by the GETCO, would be at the risk and cost of the contractor.

66. FORCE MAJEURE

- Force majeure is herein defined as any cause which is beyond the control of the Contractor or the Owner as the case may be, which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affects the performance of the Contract, such as:
 - Natural phenomena, including but not limited to floods, droughts, earthquakes and epidemics;
 - Acts of any Government, domestic or foreign, including but not limited to war, declared or undeclared, priorities, guarantees, and embargoes.

Provided either party shall within fifteen (15) days from the occurrence of such a cause notify the other in writing of such causes.

- The Contractor or the Owner shall not be liable for delays in performing his obligations resulting from any force major cause as referred to and/or defined above The date of completion will, subject to hereinafter provided, be extended by a reasonable time even though such cause may occur after Contractor's performance of obligation has been delayed due to other causes.

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67. SUSPENSION OF WORK

1. The Owner reserves the right to suspend and reinstate execution of the whole or any part of the Works without invalidating the provisions of the Contract. Orders for suspension or reinstatement of the Works will be issued by the Engineer to the Contractor in writing. The time for completion of the works will be extended for a period equal to duration of the suspension.
2. Any necessary and demonstrable cost incurred by the Contractor as a result of such suspension of the works will be paid by the Owner, provided such costs are substantiated to the satisfaction of the Engineer. The Owner shall not be responsible for any liabilities if suspension or delay is due to some default on the part of the Contractor or his Sub-Contractor.

68. SETTLEMENT OF DISPUTES

- 1) Any dispute(s) or difference(s) arising out of or in connection with the Contract shall, to the extent possible, be settled amicably between the parties.
- 2) If any dispute or difference of any kind, whatsoever, shall arise between the Owner and the Contractor, arising out of the Contract for the performance of the Works whether during the progress of the Works or after its completion or whether before or after the termination, abandonment or breach of the Contract, it shall, in the first place, be referred to and settled by the Engineer, who, within a period of thirty (30) days after being requested by either party to do so, shall give written notice of his decision to the Owner and the Contractor.
- 3) Save as hereinafter provided, such decision in respect of every matters so referred shall be final and binding upon the parties until the completion of the Works and shall forthwith be given effect to by the Contractor who shall proceed with the Works with all due diligence, whether he or the Owner requires arbitration as hereinafter provided or not.
- 4) If after the Engineer has given written notice of his decision to the parties, no claim to arbitration has been communicated to him by either party within thirty (30) days from the receipt of such notice, the said decision shall become final and binding on the parties.
- 5) In the event of the Engineer failing to notify his decision as aforesaid within thirty (30) days after being requested as aforesaid, or in the event of either the Owner or the Contractor being dissatisfied with any such decision, or within thirty (30) days after the expiry of the first mentioned period of thirty days, as the case may be, either party may require that the matters in dispute be referred to arbitration as hereinafter provided.

69. WATER SUPPLY: Contractor will have to make their own arrangement for water for construction work as well as for their labourers and sprinkling on road or for any work at their own cost.

70. ELECTRIC SUPPLY: GETCO shall provide a single point of supply for obtaining an electrical connection at the work site. The successful contractor shall be responsible for obtaining the electricity connection from PGVCL for carrying out construction activities such as lighting, welding, operation of electrical machinery (including oil filter machines, concrete mixers, vibrators, water pumps, and any other electrical equipment required for execution of the work).

The contractor shall bear all costs associated with the electricity connection, including security deposit, installation charges, metered energy consumption charges, and any other applicable fees, as per the prevailing tariff and regulations of PGVCL.

Further, the successful contractor shall be solely responsible for ensuring compliance with all applicable electricity laws, rules, and regulations. Any liabilities arising out of unauthorized use of electricity, electricity theft, penalties, theft assessment bills, or any other legal or financial

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consequences in connection with the electricity connection during the contract period shall be borne exclusively by the contractor, and GETCO shall not be held responsible in any manner..

71. ARBITRATION

FOR WORKS CONTRACTS & COMPOSITE CONTRACTS

(1) Amicable Settlement

Any dispute, difference, controversy or claim between the Parties arising out of or relating to this contract with reference to the construction, interpretation, breach, termination or validity thereof (hereinafter referred as "the Dispute") shall, upon the written request of either Party be referred to the authorized representatives of the Disputing Parties for resolution. The authorized representatives shall promptly meet and attempt to negotiate in good faith a resolution of the Dispute within thirty days of the service of the request.

(2) Arbitration

If the parties fail to amicably resolve the disputes or differences or contrary claims as indicated herewith in sub clause (1) of Clause, arising under or in connection with the present works contracts, whether pertaining to works contracts alone or works and procurement both, the same shall be referred to arbitration under the Gujarat Public Works Contracts Disputes Arbitration Tribunal Act, 1992."

FOR PROCUREMENT OF GOODS OR SERVICES AND NON-WORKS CONTRACTS

(1) Amicable Settlement

Any dispute, difference, controversy or claim between the Parties arising out of or relating to this contract with reference to the construction, interpretation, breach, termination or validity thereof (hereinafter referred as "the Dispute") shall, upon the written request of either Party be referred to the authorized representatives of the Disputing Parties for resolution. The authorized representatives shall promptly meet and attempt to negotiate in good faith a resolution of the Dispute within thirty days of the service of the request.

(2) Arbitration

If the parties fail to amicably resolve the disputes or differences or contrary claims as indicated herewith in sub clause (1) of Clause, arising under or in connection with the present works contracts, whether pertaining to works contracts alone or works and procurement both, the same shall be referred to arbitration under the Gujarat Public Works Contracts Disputes Arbitration Tribunal Act, 1992."

72. RECONCILIATION OF ACCOUNTS

The Contractor shall prepare and submit every one month, a statement covering payments claimed and the payments received vis-à-vis the works executed, for reconciliation of accounts with the Owner. The Contractor shall also prepare and submit a detailed account of Owner Issue materials received and utilized by him for reconciliation purpose in a format to be discussed & finalized with the Owner before the award of Contract.

73. DEFENCE OF SUITS

If any action in court is brought against the Owner or Engineer or an officer or agent of the Owner, for the failure, omission or neglect on the part of the Contractor to perform any acts, matters, covenants or things under the Contract, or for damage or injury caused by the alleged omission or negligence on the part of the Contractor, his agents, representatives or his Sub-Contractors, or in connection with any claim based on lawful demands of Sub-Contractors, workmen, suppliers or employees, the Contractor shall in all such cases indemnify and keep the Owner, and the Engineer

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and/or his representative, harmless from all losses, damages, expenses or decrees arising of such action.

74. TAKING OVER

Upon successful completion of all the tests to be performed at Site on equipment furnished and erected by the Contractor, the Engineer shall issue to the Contractor a Taking Over Certificate as a proof of the final acceptance of the equipment. Such certificate shall not unreasonably be withheld nor will the Engineer delay the issuance thereof on account of minor omissions or defects which do not affect the commercial operation and/or cause any serious risk to the equipment. Such certificate shall not relieve the Contractor of any of his obligations which otherwise survive, by the terms and conditions of the Contract after issue of such certificate.

75. LIABILITY FOR ACCIDENTS AND DAMAGES

Under the Contract, the Contractor shall be responsible for loss or damage to the plant until the successful completion of commissioning as defined else where in the Bid document.

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-: SPECIAL COMMERCIAL CONDITIONS FOR BIDDER :-

1. TAKING DELIVERY AND INSURANCE: -

- 1.1 The contractor has keep S/S or line materials in safe custody and transport to the respective sites and will be reasonable for any damages to or loss of all materials at any stage during transportation or erection or taking over of the line by GETCO.
- 1.2 The Contractor has to open site store and ensure for safe custody of all the stored materials at his own cost.
- 1.3 **The Contractor shall have total responsibility for the entire materials stored loose, semi assembled and/or erected by him at site in his custody. The Contractor shall make suitable security arrangements is at own cost to ensure the protection of all materials, equipment and works from theft, fire pilferage and any other damages and loss, it shall be the responsibility of the contractor to arrange for security till the works are finally taken over by the Corporation.**
- 1.4 The Engineer-in-charge OR his representatives will be free to visit the contractor's work, their stores site and erection sites and also verify the GETCO's materials in the custody of the contractor as and when required.
- 1.5 On completion of the work all surplus materials shall be returned by the contractor to the nearest respective stores of the GETCO as per the instructions of the Engineer-in-charge of the works at no extra cost to the GETCO.
- 1.6 The contractor shall submit the complete material account immediately after the works is completed and in case not late than one month of completion and Handing over of the line.

2. STORAGE-CUM-ERECTION INSURANCE: -

- 2.1 The contractor shall take suitable storage-cum-erection insurance cover at his cost to the extent of 100% cost of Line or S/S materials, which are required to complete the Line or S/S. Bidder shall have to take the comprehensive **Marine cum Erection (MCE)** insurance policy against any loss, damage, theft, pilferage, fire etc. for the complete period of storage, fire etc. for the complete period of storage, erection and commissioning up to the time of taking over of the Line or S/S by GETCO. **However, if the work is not completed within stipulated time limit as mentioned into work order, the MCE shall be extended by the contractor up to the work completion and taking over of the line or S/S by GETCO. Moreover, the charge for extension of insurance shall be borne by contractor if the delay is attributed to the contractor. The charge for extension of insurance shall be reimbursed by GETCO to the contractor on production of proof for extension of MCE if the delay is attributed on the part of GETCO.** The contractor shall deal directly and pursue the claim with the Insurance Company and shall be responsible in regard to maintenance of all insurance coverage as well as for settlement of claim. The proof of insurance policy taken by the successful contractor shall be furnished/submitted to Engineer-in-charge of GETCO. **No material shall be issued to bidder/erection agency in absence of such insurance policy. The risk shall be covered for lifting of materials from store to final handing over to GETCO. Further in absence of the above insurance policy, R.A. bill payment will be withheld.**
- 2.2 In the event of any damage, theft, loss, pilferage, fire etc, Contractor will be responsible to lodge, pursue and settle all the claims with the insurance company for all items, materials and the corporation shall be kept informed about it. Contractor shall replace the lost/damaged materials/items promptly irrespective of the settlement of the claims by underwriter and ensure that the work progress is as per agreed schedule. The loss, if any, such replacement will have to be borne by the contractor and GETCO will not entertain any claim/representation in this regard. However, it will be contractor's responsibility to insure the entire project till the line / sub-station or any other project / works is taken over by the GETCO.
- 2.3 **The estimated cost of material is Rs.480.00 Lakh.**

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3.0 INSURANCE

- 3.1 The Contractor at his cost shall arrange, secure and maintain all insurance as may be pertinent to the Works and obligatory in terms of law to protect his interest and interests of the Owner against all perils detailed herein. The form and the limit of such insurance as defined herein together with the under-writer in each case shall be acceptable to the Owner. However, irrespective of such acceptance, the responsibility to maintain adequate insurance coverage at all time during the period of Contract shall be of Contractor alone. The Contractor's failure in this regard shall not relieve him of any of his contractual responsibilities and obligations. The insurance covers to be taken by the Contractor shall be in the joint name of the Owner and the Contractor. The Contractor shall, however, be authorized to deal directly with Insurance Company or Companies and shall be responsible in regard to maintenance of all insurance covers. Further the insurance should be in freely convertible currency.
- 3.2 Any loss or damage to the material during handling, transportation, storage, erection, and all activities to be performed till the successful completion of commissioning of the line shall be to the account of the Contractor. The Contractor shall be responsible for preference of all claims and make good the damages or loss by way of repairs and/or replacement of the equipment, damaged or lost. The transfer of title shall not in any way relieve the Contractor of the above responsibilities during the period of Contract. The Contractor shall provide the Owner with copy of all insurance policies and documents taken out by him in pursuance of the Contract. Such copies of documents shall be submitted to the Owner immediately after such insurance coverage. The Contractor shall also inform the Owner in writing at least sixty (60) days in advance regarding the expiry/cancellation and/or change in any of such documents and ensure revalidation, renewal etc., as may be necessary well in time.
- 3.3 The perils required to be covered under the insurance shall include, but not be limited to fire and allied risks, miscellaneous accidents (erection risks) workman compensation risks, loss or damage in transit, theft, pilferage, riot and strikes and malicious damages, civil commotion, weather conditions, accidents of all kinds, etc. The scope of such insurance shall be adequate to cover the replacement/reinstatement cost of the equipment for all risks up to and including delivery of goods and other costs till the equipment is delivered at Site. The insurance policies to be taken should be on replacement value basis and/or incorporating escalation clause. Notwithstanding the extent of insurance cover and the amount of claim available from the underwriters, the Contractor shall be liable to make good the full replacement/rectification value of all equipment/materials and to ensure their availability as per project requirements.

4. PENALTY FOR DELAY :

The bidder should note that the completion time allowed for carrying out the work should be strictly observed. Any delay that may take place in supply and work beyond contractual cutoff date stated as per stipulated delivery period shall be subject to the penalty @ ½% per week *plus GST as applicable* or part thereof on delayed portion of work and / or supply value subject to ceiling of 10% of the total contract value *plus GST as applicable* will be imposed.

1. In event of failure of the Contractor to pay the amount of Penalty as demanded **the Owner shall be entitled to deduct the amount of Penalty for delay from the amounts payable to the Contractors under any bills raised under this contract of any other amount payable under any other contract with the GUVNL and its Subsidiary Companies i.e. GETCO, GUVNL, GSECL, MGVCL, DGVCL, PGVCL, UGVCL.** It is permissible for the Owner to adjust the amount of Penalty of delay against any Bank Guarantee furnished by the Contractor under this contract or any other contract with GUVNL and / or its subsidiary companies.
2. The parties agree that delay in completion of contract will result into loss of revenue and consequently loss of profit to the owner, however, the amount of loss of revenue on account

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of delay in commissioning the works cannot be calculated accurately at this stage the parties, therefore, agree the penalty stipulated above is a genuine are estimate of the loss/damage which will be suffered on account of delay and/or breach on the part of the contractor and the said amount will be payable by the contractor on demand.

- Any delay causing extension of outages shall be contractor's responsibility and appropriate amount (in term of Rupees) as decided by Ex. Engineer (Const), Amreli shall be recovered from Contractor's bill as a penalty.

5.0 "RIGHTS OF THE OWNER"

Whenever any claim of claims for payment of a sum of money arises out of or under the contract against the Contractor, the Owner shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security if any deposited by the Contractor and for the purpose aforesaid the Owner shall be entitled to encash and withhold the amount of performance Bank Guarantee or other security if any furnished as the case may be. The Owner shall also have a lien over the same pending finalization or adjudication of any such claim in the event of the security is insufficient to cover the claimed amount of amounts the Owner shall be entitled to withhold and have lien to retain to the extent of the such claimed amount of amounts referred to above from any sum of sums found payable or which at any time thereafter may become payable to the Contractor under the same contract or any other contract with the Owner of GUVNL or its subsidiary companies pending finalization of adjudication of any such claim.

Lien in respect of Claims in other Contract.

- Any sum of money due and payable to the contractor (including the security deposit) under the contract may be withheld or retained by way of lien by the Owner against any of its claim in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Owner of GUVNL or any of its subsidiary companies.

It is and agreed that the sum of money so withheld or retained under this clause by the Owner will be kept withheld re retained as such by the Owner till its claim arising out of the same contract or any other contract is wither mutually settled or determined by the arbitrator or competent court as the case may be and the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money

6. Relationship with employee :

Every bidder should, at the time of submission of bid. Give a declaration as under

"If any bidder company/firm, the interest (i.e. Shareholding in Company and share in partnership firm) of any employee of the tendering company or his/her relative as defined in Section 2(77) of the Company's act 2013 is 10% or more, the tendering Company will not deal with such Company/Firm at all."

Tendered therefore, must specifically disclose this fact in his technical bid. Non-disclosure of such facts would immediately disqualify the tenderer for further dealing with the tendering company.

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7. Conflict of Interest among Bidders/ Agents :

A bidder shall not have conflict of interest with other bidders for particular quoted item. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified.

A bidder may be considered to have a conflict of interest with one or more parties in this bidding process for particular quoted item, if:

- a) they have proprietor/ partner(s)/ Director(s) in common; or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/ agent for purposes of this bid; or
- d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
- e) bidder participates in more than one bid in this bidding process. Participation by a bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ assemblies from one bidding manufacturer in more than one bid.
- f) in cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/ dealer. There can be only one bid from the following:
 1. The principal manufacturer directly or through one Indian agent on his behalf; and
 2. Indian/ foreign agent on behalf of only one principal.
- g) a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid;
- h) in case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/ management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.
- i) Bidder shall not act in contravention/ violation to the provisions of competition act, as amended from time to time.

Every bidder should, at the time of submission of bid, give a declaration, that bidder shall not have conflict of interest with other bidders, as above.

Responsibility for correctness of the information submitted in the bid lies with bidder. If any information furnished in the bid is proved to be false at a later date, GETCO reserve right to reject the bid and the bid will not only be rejected but the bidder will be BLACKLISTED as per GUVNL Policy.

8. ERECTION TOOLS : The contractor at his own cost shall arrange foundation, erection, stringing, lifting tools etc. required during this particular work.

9. INSPECTION BY GETCO REPRESENTATIVES : The Engineer-in-charge OR his representatives will be free to visit the contractor's work, their stores site and erection sites and also verify the GETCO's materials in the custody of the contractor as and when required.

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TERMS & CONDITIONS REGARDING INDUSTRIAL LAWS AND OTHER RELATED MATTERS

1) Wages to be paid at time of payment etc. by the contractor.

- a. The contractor shall pay minimum prevailing rates per day or as may be specified hereafter or rates fixed under the minimum wages Act, whichever is higher. The wages or very contract labour employed by him under this contract shall be paid by him before the expiry of 7th day of the month in respective of which the wages are payable (i.e. wages of a month have to be paid by him in the first week of the next month). The payment shall be disbursed in the presence of management representative during the working hours in factory premises and the contractor shall get the entries certified in the register of wages by the representative of the GETCO. Any default will result in cancellation of contract forthwith or also the contractor shall be paid punishable to the extent of Rs.100/- fine per each day.
- b. The contractor shall give his telephone number and address to the GETCO so that in case of labour troubles etc. the contractor can be contacted. The contractor shall arrange to have his office outside the factory premises and the contractor shall keep himself present throughout the working hours.

2) Labour Laws

- (A) Person below the age of 18 years shall not be employed for the work.
- (B) No. female worker shall be employed in the night shift between 7 p.m. to 6 a.m.
- (C) Contractor shall maintain a valid labor license under the contract labour (Regulation and Abolition) Act for employing necessary manpower to be required by him. In the absence of such license the contract shall be liable to be terminated without assigning any reason thereof.
- (D) The contractor shall at his own expenses comply with all labour laws and keep the GETCO indemnified in respective thereof. Some of the major liabilities under various labour and industrial laws which the contractor shall comply with are as under :
 - i. Payment of contribution by way of employer's contribution towards provident fund, family pension scheme, Deposit linked insurance scheme, Administrative charge etc. at the rates make applicable from time to time by Government of Gujarat/Government of India or other statutory authority.
 - ii. Payment of deposit in respect of each contract labour at the rate as per admissible with the office of commissioner of Labour as per the contract Labour (Regulation and abolition Act.).
 - iii. License fee as prescribed under the contract labour (Regulation and abolition Act) and rules framed there under depending upon the number of workmen employed by the contractor.
 - iv. Paid leave facility and wages as per the provision of the factories Act at the rate of one day for every 20 days of working.
 - v. Identify cards as prescribed under the factories Act with photo at fixe there to the same identification. Liabilities as per industrial Disputes Act any payment to the contractor's employees arising out of any claim or disputes under the industrial Disputes Act, 1947 or any other labour laws.
 - vi. Payment of compensation in case of accidental injury.
 - vii. Maternity leave as per the provisions of the maternity Benefit Act. The above are some of the major liabilities of the contractor in addition to other liabilities. Prescribed under the various labour laws in force from time to time from statutory authorities like State Government/ Government of India which the contractor shall have to comply with.

3) Provident fund & Family pension Scheme: -

The contractor shall submit along with his bill (month wise) a statement regarding deduction against employees' provident fund and family pension scheme in respective of each concerned

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employee, provident fund and family pension scheme at the rate at admissible (or at the rate made applicable by the Government from time to time) of the wages. The contractor's contribution and his workers' contribution towards provident fund and family pension scheme shall be deposited by the contractor with concern regional Provident Fund Commissioner office.

4) Deposit Linked Insurance Scheme: -

The contractor shall have to deposit ½ % of the wage in respect of employees who is a member of the Provident Fund as the contribution to the deposit.

Linked insurance Scheme with concern regional Provident Fund Commissioner office.

5) Administrative Charges: -

Administrative charges for maintaining provident fund A/C shall be deposited by the contractor with concern regional Provident Fund Commissioner office at the rates applicable.

6) Paid Leave Facility: -

Paid leave facility at the rate of one day for every twenty days worked by the contract labour shall be provided by the contractor to his workers. He shall maintain leave Records/leave cards for individual laborer which shall be duly verified and approved/certified by the authorized officer of the GETCO.

7) Workmen's compensation fund & Employer's Liability Insurance: -

The contractor shall cover all his employees under workmen's compensation fund and under the liability insurance. Insurance shall be affected for the entire contractor's employee engaged in the performance of this contract. If any of the work is subject the contractor shall require the sub-contractor to provide workmen's compensation and employer's liability insurance for the latter's employees unless such employees are covered under the contractor's insurance.

8) The contractor shall employ adequate number of experienced staff at site for dial supervision and for maintenance of various register and records required under the law and contract No. payment for supervision shall be admissible.

9) Contractor to Identify GETCO: -

The contractor shall indemnify GETCO and every member officer and employees of GETCO also, Engineer-in-charge and his staff against all actions, proceeding, claims demands, costs and expenses which may be made against GETCO or Government for or in respective of performance of his obligation under the contract documents. The GETCO shall not liable for or in respective of or in consequence of any accident or injury to any workman or other person in the employment of the contractor or his sub-contractor and the contractor shall indemnify and keep indemnified the GETCO against all such damage and compensation and against all claims, demands, proceedings costs, charges and expenses whatever in respective thereof in relation thereto.

10) The GETCO reserves the right to terminate this rate contract at any time during its tendency without giving notice of termination or any reasons thereof.

11) The GETCO will be entitled to deduct directly from the bills, to be paid to the contractor any sum or payable by you and which sum/sums the GETCO is required to pay as principal employer on account of your default in respect of all liabilities referred to in above clauses.

12) The contractor will be required to produce a solvency certificate for an amount minimum of 20% of estimated cost of the tender and also to produce his Income-Tax clearance certificate.

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GENERAL TECHNICAL CONDITION

1. The 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 employ a 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.
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. **FIELD OFFICE RECORDS**

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), GETCO. 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 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.
13. **CONTRACTOR'S FIELD OPERATION**
 1. The Contractor shall keep the EIC 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

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of work by the EIC 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/working 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.

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. Mandatory use of "Call Before You Dig (CBuD)" application :

As per the directives from Hon'ble Govt. Of India and Energy & Petrochemicals Depst., GoG, Gandhinagar vide Letter No.EPCD/0217/09/2023, Dtd.18-09-2023, all the Contractors of GETCO must register them under excavator category in CBuD application and must follow procedure before starting any digging to protecting underground utility assets.

Any agency/contractor intending to carry out excavation, need to be mandated to carry out any type of excavation/digging only after prior intimation through CBuD application. It is mandatory to the agency/contractor to use of CBuD for any type of excavation/digging.

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TECHNICAL SPECIFICATION FOR ERECTION OF 66kV SUB-STATION

(1) Erection of Equipments :-

1. All the equipment to be opened carefully and any damage during opening of equipment cases or during shifting of at erection places will be at Contractor's cost.
2. Before erection of equipment it should be cleaned properly or if required may be washed as per instruction Engineer-in-charge.
3. Before erection initial testing of equipment whatever is required is to be done with the help of Engineer-in-charge for which no any extra charge will be paid.
4. Arrangement of erection is to be get inspected by Engineer-in-charge before erection of equipment and its structure.
5. No any extra charge is to be paid if any equipment is required to change its position as per requirement after erection.
6. Within the sub-station yard, no any extra shifting charge will be paid to the Contractor for any equipment.
7. The detailed drawings of equipments can be seen from this office during any working day and the equipments which are to be erected can also be seen physically at Amreli store during any working day and time.
8. The erection work should be carried out according to the specification as per instructions and programmed laid out by the Engineer in charge. Contractor has to ensure safe shifting and shifting and erection of all accessories/ equipments as per standard norms.
9. The contractor has to arrange for minor fabrication (if required) at free cost & follow all labour laws I.E. Rules safety rules, Insurance rules, GETCO rules at his risk & cost.

(2) Erection of 66KV G.I. Structure :-

1. All the structure to be erected in line level and in plumb as per instruction of Engineer-in-charge.
2. If any structures fall after erection but before grouting, then it is responsibilities of Contractor to bet replace damaged members at his cost.
3. After taking delivery of the structures from GETCO stores than contractor is fully responsible for safe custody and theft which will be at Contractor's cost till completion.
4. During erection due care is to be taken for any damage to any equipment inside the S/S yard and any damage to the equipment is at Contractor's Cost.
5. Required tools, tackles, ropes, spanners and skilled labours etc. are to be arranged by the Contractor at his cost.
6. All bolt and nuts to be fixed properly and spring washer, flat, washer to be used as per drawing.
7. If any minor fabrication / modification is required during erection to the structure i.e. holes, cutting, which is to be carried out by the Contractor at free of cost.
8. Any loose materials which obstacles during the erection is to be shifted by the contractor for which no extra charges are to be paid.

(3) Sub-station structures and equipment earthing :-

1. Earthing pits are to be excavated as per standard drawing and as per instruction of Engineer-in-charge of s/s.
2. Generally, in rocky / soft rock strata mesh type earthing are to be provided from scrap / flat which will be given to the contractor at free of cost for which account to be submitted and necessary fabrication welding, joining with pipe is to be done by the contractor.
3. Back filling and watering of earthing pits is to be done in the presence of GETCO Supervisor only.
4. Contractor has to arrange watering in such way that resistivity of each pit should come to the required limit.

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5. For laying of earthing strip inside the sub-station yard for equipment and s/s structure contractor has to be carried out as per the specification is to be laid properly by making welding joint and both wherever is required.
6. In case of hard strata contractor has to fill-up earthing trench after laying of strip by black cotton soil.
7. All earthing joints are to be welded with structure of equipment by means of proper welding and bolts with structure and with the earthing pits. All the welded joints are to be painted with Aluminum Paint.
8. For earthing GETCO will supply only G. I. Strip & Scrap for mesh, remaining materials such as salt-cock pipe etc. is to be supplied by the contractor.
9. All earthing joints including the earthing trench is to be made over lapped with earthing strip.
10. The earthing mat laying should be done as per drawing No: GETCO/E/06S/STD/P- 010.
11. Arrangement of earth pit (check pit) & pipe earthing should be done as per drawing No: GETCO/E/06S/STD/P-011. (2 sheet)
12. Equipment earthing should be done as per GETCO's approved **Equipment Earthing Philosophy (EEP) vide drawing No: GETCO/E/06S/STD/P-012 (sheet 1 to 24).**

(4) Bus bar / Earth wire stringing :-

1. For stringing of conductor any size or any type is to be utilized which must be properly cut after taking correct measurement.
2. Conductor to be spread in a straight condition and no any twist is permitted if any twist is there than same being to be replaced by the Contractor at his cost.
3. No any scratches should be allowed during spreading bus conductor.
4. All disc. Insulators are to be cleaned and all the 'W' pin must be ensured before fixing to the conductor.
5. Before taking the tension of bus conductor on gantry beam, beam tension plate bolt, nuts to be checked and tighten. No over tension is to be allowed during tensioning of conductor and sag of conductor is to be kept as per instruction of Engineer-in-charge.
6. Wherever spacer is required to be provide at regular interval as per instruction of Engineer-in-charge.
7. Jumpering is to be done as per standard practice however it must be done with taking proper care of clearance between conductor and column.

(5) Control Cables Laying and termination :-

1. Before laying of control cable proper schedule of cable laying with showing length of each cables is to be prepared and is required to be approved by EE(Const) or D.E.-in-charge.
2. Cable should have laid in such a way that no any twisting of cables is to be found or no cables should be cut under length or over length.
3. All cable is to be laid and clamped inside the cable trench as per the instruction of Engineer-in-charge.
4. Cable markers should be provided nearby termination at both ends.
5. Wherever there is no cable trench for small equipment and having a small length about 10 mtr. Then cable should be laid by providing ISI mark heavy duty PVC/GI pipes. The required PVC/GI pipes shall be supplied by Contractor.
6. For termination of control cable required size of cable glands copper lungs ferrules tap, sleeves, etc. are to be supplied by the Contractor at his cost.
7. All cables terminated inside the panel / equipment with giving proper shape and clamping and taping no any cable leads to be got earthed.
8. Complete cable schedule in triplicate is to be given by the contractor with giving details of each termination of cables from one end to other end with giving cable number and size of cable and this to be approved by Engineer-in-charge. For preparing the schedule necessary drawing will be provided by the GETCO. And contractor will be paid extra charges for preparation of schedule which is to be approved by Executive Engineer.

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9. During testing of control wiring of panel / equipment, contractor has to witness the job and any changes is required that is to be done by the contractor without any charge.
10. Any fabrication is required inside the kiosk box / panel / equipment for fixing of glands and clamps is to be done by the contractor at his cost.
11. The Control wiring 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.
12. The Control Wiring work should be commenced immediately from the date of receipt of instructions from office and should be completed within thereafter.
13. Erection of Battery Charger is includes shifting in control room – bolting with side panel – leveling of Battery Charger with proper grouting as per instruction of Engineer-in-charge.

(6) Yard lighting, C.R.Building & Quarter Electrification Work :-

1. Supply storage and installation of various lighting fixtures complete with lamps and accessories.
2. Laying and termination of 415 V, PVC armored power cable from lighting panel to the junction box at the bottom of the gantry to lighting fixtures receptacles & looping from one gantry to other shall be buried underground. Contractor shall quote the unit price of cable erection separately. Cables glands and lugs are included in contractor's scope.
3. Laying & termination by 415 V, PVC armored power cable from street lighting panels to street lighting poles and power cables for looping from one gantry to gantry shall be in the scope of lighting contractor. These cables shall be buried underground. Cable glands and lugs are included in contractor's scope.
4. The contractor shall fully co-ordinate the design and the work with the Engineer – In - Charge and various other contractors of the project.
5. Materials & components not specifically stated in this specification & which are necessary for satisfactory installation & operation of the lighting system shall be deemed to be included in the scope of the specification.
6. The design manufacture & performance of equipment shall comply with all currently applicable statues, regulations and safety codes in the locality where the equipment will be installed. Nothing in this specification shall be construed to relieve the bidder of these responsibility.
7. Unless otherwise specified, equipment offered shall confirm to latest applicable Indian and IEE standards. Equipments complying with one another authoritative standards such as British, U.S.A., V.D.E., etc., will also be consider if it insures performance equivalent of supplier to Indian Standards. In such cases the bidder shall clearly indicate the standard adopted and furnish a copy of the latest English version of the standards along with the tender should there be any dispute of design, work shall be followed.
8. Indian Standards as per latest amendment should be followed: -
 - (i) IS : 1913 - General & Safety requirement for Electric Lighting Fittings.
 - (ii) IS : 3523 - Water Proof Electric Lighting Fittings.
 - (iii) IS : 4012 - Dust Proof Electric Lighting Fittings.
 - (iv) IS : 4013 - Dust Tight Electric Lighting Fittings.
 - (v) IS : 1777 - Industrial Lighting Fittings with Metal Reflectors.
 - (vi) IS : 3287 - Industrial Lighting Fittings with Plastic Reflectors.
 - (vii) IS : 2493 - Well glass Lighting Fittings for use underground in mines. (Non flamp proof type).
 - (viii) IS : 1947 - Specification of Flood Light.
 - (ix) IS : 2149 - Luminaries for Street Lighting.

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| (x) IS : 2183 | - | High Pressure Mercury Vapor Lamps. |
| (xi) IS : 1534 | - | Ballasts for use in Fluorescent Lighting Fittings (PART-I). |
| (xii) IS : 1569 | - | Capacitors for use in Fluorescent Lamps. |
| (xiii) IS : 2215 | - | Starters for Fluorescent Lamps. |
| (xiv) IS : 2713 | - | Tubular Steel Poles. |
| (xv) IS : 5133 | - | Steel & Cast Iron Boxes. |
| (xvi) IS : 2629 | - | Hot Dip Galvanizing of Iron & Steel. |
| (xvii) IS : 694 | - | PVC Insulated Cables for Working Voltage up to & including 1100 V |
| (xviii) IS : 732 | - | Code of practice for Electrical Wiring Installation (System Voltage not exceeding 650 Volts.) |
| (xix) IS : 3043 | - | Code of Practice for Earthing. |
| (xx) Indian Electricity Act. | | |
| (xxi) Indian Electricity Rules. | | |

(7). The Standards mentioned above are available from Indian Standards Institution.
Manek Bhavan, 9, Bahdoor Shah Zafar Marg, New Delhi – 110 001.

(8). All Sodium Lamps fixtures shall be complete with accessories like ballasts, ignitors, Power Factor Improvement Capacitors etc. This shall be mounted as possible in the fittings assembly only. If these cannot be accommodated inside, then a separate metal enclosed box shall be included to accommodate the accessories and in addition with fuse & terminal block suitable for Loop – In – Loop – Out connections. Outdoor type Weather proof box. They shall indicate starting time of this lamps to get full light output. Curves for starting characteristics and variation of lamp characteristics with varying supply voltage etc. to be furnished by the bidders.

(9). Each lighting fixture shall be provided with and earthing terminal suitable to connection to 8 SWG G.I. Earthing Conductor.

(10). Cable Termination Box :-

1. Cable Termination Box for gantry structures, shall be completely weather Proof confirming to IPW 55 and provided with lockable door & HRC fuse mounted on fuse carrier and fuse base assembly. The terminal shall be stud type and suitable for two nos. 4 mm² cable necessary arrangement for glanding cable along with supply of gland are included in tender scope.
2. The bolts, nuts & screw required for erection is to be supplied by the contractor at his own cost.
3. Outside and inside the cable terminal boxes shall be supplied by the contractor at his colors'.
4. Finished painted appearance on equipment shall aesthetically pleasing appearance, free from dots and uneven surface.
5. Touch up paint at site shall have to be done, if necessary.

(11). STREET LIGHT POLES :-

1. The structure/pole & wall mounted G.I. pipe post shall be supplied with one FRP Junction box described in Schedule-'B' with required nos., type & capacity of MCD, connectors etc.
2. The junction box should be provided with proper bracing arrangement on structure/ wall by means of G.I. strips. The junction box should have two holes at the bottom to accommodate two Siemens

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type tinned brass cable glands of suitable size for cable to be used. The cable glands of approved make should be supplied by the contractor.

- The wall mounted G.I. Pipe post shall be painted with one coats of Anti -Corrosive oxide primer & two coats of Aluminum paint. as per instruction of Engineer – In – Charge.

(12). INSTALLATION OF POLES AND WALL MOUNTED G.I. PIPE POST :-

The G.I. Pipe post shall be fixed on the face of wall at suitable height, by means of 3 pairs of wall clamps, nuts and bolts.

(13). CABLE WORK :-

PVC Insulated PVC cutter and inner sheath, armored copper conductor cables suitable for 1100 Volts A.C. as per IS : 1554 (Part – I – 1964) of size as specified in schedule of quantities. The cables should be approved make, any of following, Unicable C.C. / Unistrar / Gloster / I.C.C. or equipment, subject to approval of Competent Authority.

(14). GENERAL PRECAUTIONS FOR HANDLING OF CABLES :-

- Before laying cables there shall be tested for physical damage, continuity, absence of cross phasing, insulation resistance to earth and between conductor, insulation resistance tests shall be carried out with 500 / 1000 volts megger.
- The cable shall be supplied for site wound on wooden drum as far as possible. For smaller length and sizes cables in properly coiled from can be accepted. The cables shall be laid by mounting the drum of cable on drum shall be mounted on a properly supported axle and the cable laid out from the drum in no case the cable will be rolled on as it produces kinks which may damage the conductor.
- Sharp bending and kinking of cables shall be avoided. The bending radius for PVC insulated & sheet armored cables shall not be less than 10 'D', where 'D' is overall dia. Of the cable armored cable shall never be concealed in roads with G.I. Pipe conductor R.C.C. pipes, required pipes will be supplied by the contractor. After drawing cable, the end of the pipe shall be sealed with cotton/ bituminous compound.

(15). LAYING OF CABLES (UNDERGROUND SYSTEM) :-

- Cables shall be so laid in ground that, these will not interfere with other underground structures. All water pipe sewage lines or other structure which become exposed by excavation shall be properly supported and protected from injury until the filling has been rammed solidly in places under and around them. Any Telephone or other cables coming in the way are to be properly shielded / diverted as directed by the Engineer – In – Charge. Cables shall be laid at a minimum depth of 750 mm from ground level. Excavation will generally be in ordinary alluvial soil. The width of the trench shall be sufficient for laying of required number of cables. The surface of the ground after back filling the earth, shall be made so as to confirm in all respects to the surrounded ground and to the entire satisfaction of site Engineer.
- For wall mounted fixture the cable shall be laid in wall, by using grooved wooden base block G.I. saddles, screw etc.
- Joints in the cable throughout its length of laying shall be avoided as far as possible and if unavoidable, prior approval of site Engineer shall be taken. If allowed proper straight through epoxy joint shall be made without any additional cost. A loop of one meter of each length of cable shall be left near each street light pole. Also a loop of one meter shall be provided on both ends of the cable. This additional length shall be used for fresh termination in future. Cable for this loop shall be paid for supply & laying

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(16). TERMINATION AND JOINTING OF CABLES :-

On both ends of cables suitable size brass heavy duty cable glands shall be used before it enters junction box/ main LT panel/ joint box etc. armor of cable shall be connected to earth point.

(17). EARTHING TO G.I. PIPE/ STRUCTURE/POLES & FIXTURE :-

1. Each fixture structure/wall and G.I. Pipe post shall be earthed by coil type/plate type earthing at 10 SWG, GI wire in earth pit of 1.5 Mtr. depth in any type of soil by using salt (16 Kg per pit) & coke(charcoal)(16 Kg per pit). Necessary earthing strip including coil/ plate, salt (16 KGs. per pit) & Charcoal/ coke (16 Kgs. per pit) required for earthing, shall be supplied by the Contractor. The upper end of G.I. earthing strip/coil shall be fixed on each pole and G.I. pipe post by means of 2 Nos. of 8 mm. dia. Brass bolts and nuts with washer as shown in drawing shall be made available with pole. There should not be any joint of G.I. earth strip/coil, in between earthing terminal of pole and bottom end of plate.
2. The common earthing shall be done for two post – top luminaries installed on main gate of the switch yard for measurement recording. The quantity will be considered as ONE only and no extra payment will be made, for common earthing.

(18). INSTALLATION STREET LIGHTING LUMINAIRE :-

This include fixing of street light fitting complete with accessories and lamp on the pole/ bracket, connecting it with 2 x 2.5 sq. mm (710.67 mm) Dia. PVC insulated and PVC sheathed copper flexible conductor and commissioning the same.

(19). INSTALLATION POST TOP LUMINAIRE :-

This includes providing & installation of post top lantern complete with all accessories & lamp connection it with 2 x 2.5 sq. mm. (710.67 mm Dia) PVC insulated & PVC sheathed copper flexible conductor testing & commissioning the same.

(20). All the fitting required for fixing the luminaries, such as reducer, coupler, gasket & all types of hardware shall be provided by the contractor himself. All tools and tackles required for the entire work shall also be arranged by the contractor. In any case Board will not provide any such facility, whatever.

(21). All materials shall be got approved from E.E./D.E. Construction, Amreli before commencement of work. If there is any dispute regarding interpretation of specifications. The decision of E.E. Construction, Amreli shall be final and binding to the contractor.

(22). SPECIFICATIONS :-

The fitting will have to be supplied and the work will have to be carried as per specification attached herewith and the same should be got approved by the Executive Engineer, Amreli. The successful bidder has to follow strictly standard design of illumination for 66 KV Sub-Station as per circular No: CE(Project)/SE(Proj)/V/4858 Dtd: 24-06-2008 issued by C.E.(Pro) details are as under.

1. GETCO Technical Specification Illumination
2. Annexure –I (Fitting detail of Control Room).
3. Annexure-II (Luminance details for switch yard area).
4. Standard drawing for switchyard Illumination No: GETCO/E/06S-STD/S-013 (Sheet 1 To 3).
5. Standard drawing for Control Room No: GETCO/E/06S-STD/S-015 (Sheet 1 & 2).

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(23). RULES AND REGULATIONS :-

All works included in this specification shall confirm to the relevant Indian Standard Specification or the British Standard Specification and shall be governed by the I.E. Act Rules & Regulations in force. Due consideration will be given to any special suggestions put forward by the contractor which are calculated to enhance the general utility, efficiency and economy of the installation.

(24). COMPLETION OF CONTRACT :-

Lighting installations shall be completed in every respect. The contractor shall not be eligible for any extra charges in respect of minor accessories even though they may not have specifically included in the contract document. Earthing of installation wherever required shall also be carried out as per the standard regulations. No extra charges shall be allowed on this account.

(25). TESTING AND COMMISSIONING :-

The complete Yard Lighting, C.R.Building & Quarter Electrification includes all allied accessories after completing of work must be satisfactory tested as per IEE Rules and necessary certificate in this respect should be provided by the contractor at the time of testing & commissioning of installation, if any appliance or supplied materials is found defective or failed the same should be replaced and fixed by the contractor at his own cost and risks.

(26). TECHNICAL SPECIFICATION FOR PROVISING & FIXING OF CCTV

PRINCIPAL TECHNICAL PARAMETRS for Supply, Installation & commissioning of CCTV camera surveillance system at various 66 KV class Substation of 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 Standard	
		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

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		Built in memory card slot General Operating Conditions: Power Supply: Weather Proof: Make Certificate Warranty	Built-in memory card slot, support Micro SD/SDHC/SDXC, Min 128 GB 0 °C ~ 60 °C, less than 95 % RH DC12V,PoE (802.3af) / (802.3at) IP66 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. Either Bureau of Indian Standards (BIS) OR UL certificate. Three years
2	PTZ Camera 2 MP	Image Sensor: Minimum Illumination: White Balance: AGC: WDR (Wide Dynamic Range): Shutter Time: Day& Night: Digital Zoom: Noise Reduction Focus mode: Lens Focal Length: Minimum Working Distance: Aperture Range: Pan & Tilt Pan Range: Tilt Range: Number of Preset: Pattern: Infrared IR irradiation distance: Network System Compatibility Image Resolution:	1/2.8" 2 megapixel progressive scan CMOS Color: 0.3 Lux; B/W: 0.01Lux 0 Lux with IR illumination ON or Better Auto, Manual Auto, Manual 90 dB or better 1/1 s to 1/15,000 s or better Supported 16× or better Supported Auto, Manual 4.3 mm to 129 mm or better 10 mm to 1500 mm (wide-tele) F1.2 to F5.0 360° endless From 0° to 90° 250 Min-4 Min 150 m ONVIF support 1920 × 1080

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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		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 HTTPS, 802.1x network authentication
		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 Recorder- 8 Ch		
		Software	As per attached ANNEXTURE-C
		Video/Audio Input	
		IP video input:	8 IP channels
		Two-way audio input / Output:	1-ch, RCA (2.0 Vp-p, 1kΩ)
		Video/Recording I Output	
		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 & Simultaneously min 16 channel for 16Ch
		Hard Disk	
		SATA Port:	1 or more Sata port
		Capacity:	Port support min. 6 TB capacity for SURVEILLANC HDD
		Network	
		Incoming bandwidth:	200Mbps

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018		

		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.
		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
		Software	As per attached ANNEXTURE-C
		Video/Audio Input	
		IP video input:	8 IP channels
		Two-way audio input / Output:	1-ch, RCA (2.0 Vp-p, 1kΩ)
		Video/ Recording I Output	
		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 & Simultaneously min 16 channel for 16Ch
		Hard Disk	
		SATA Port:	1 or more Sata port
		Capacity:	Port support min. 6 TB capacity for SURVEILLANC HDD

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	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : settramreli.getco@gebmil.com settramreli@rediffmail.com		
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018		

		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 Recorder- 16 Ch	Software As per attached ANNEXTURE-C Video/Audio Input IP video input: 16 IP Ch Two-way audio input / Output: 1 RCA (Audio output) 1 RCA (Audio input) Video/Recording I Output 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 & Simultaneously min 16 channel for 16Ch 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	

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		<table><tr><td>Network Functions:</td><td>TCP/IP, DHCP, PPPOE DNS, DDNS, FTP, SMTP, NTP, RTP/RTSP, HTTP, CIFS/NFS, UPnP</td></tr><tr><td>USB Interface:</td><td>Min. 2 USB port (1x USB 3.0, 2x USB2.0)</td></tr><tr><td>Alarm In</td><td>1-Ch</td></tr><tr><td>Alarm Out</td><td>1-Ch</td></tr><tr><td>General</td><td></td></tr><tr><td>Power Supply:</td><td>240 ± 10% VAC , 50HZ</td></tr><tr><td>Make</td><td>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..</td></tr><tr><td>Warranty</td><td>Three years</td></tr><tr><td>Certificate</td><td>Either Bureau of Indian Standards (BIS) OR UL certificate.</td></tr></table>	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.						
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Warranty	Three years																									
Certificate	Either Bureau of Indian Standards (BIS) OR UL certificate.																									
5	POE SWITCH (4-Port)	<table><tr><td>Ports</td><td></td></tr><tr><td>Network Ports:</td><td>5</td></tr><tr><td>PoE Port:</td><td>4, 10/100/1000 Mbps RJ45 ports</td></tr><tr><td>SFP port</td><td>Min. 1 Port</td></tr></table>	Ports		Network Ports:	5	PoE Port:	4, 10/100/1000 Mbps RJ45 ports	SFP port	Min. 1 Port																
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Warranty	Three years																									
6	POE SWITCH (8-Port)	<table><tr><td>Ports</td><td></td></tr><tr><td>Network Ports:</td><td>9</td></tr><tr><td>PoE Port:</td><td>8, 10/100Mbps RJ45 ports</td></tr><tr><td>Uplink Port:</td><td>1, 1000Mbps Ethernet Port</td></tr><tr><td>Standard</td><td></td></tr><tr><td>Network Protocol:</td><td>IEEE802.3,802.3u,802.3x, 802.3af, 802.3at</td></tr></table>	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												
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		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
		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. Allied Telesis: Allied Telesis, Inc. D-Link : D-Link (India) Limited
		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. Samsung : Samsung India Electronics Pvt. Ltd
		Warranty	Three years

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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. Samsung : Samsung India Electronics Pvt. Ltd
		Warranty	Three years
10	6 / 12 TB SURVEILLANCE HDD	RPM	7200
		Make	Seagate : Seagate Technology LLC Western Digital : Western Digital Corporation
		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
		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

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		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.
		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,

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		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 (Tubular)	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
		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 during the installation activity shall be carried out by the bidder without any extra financial implication to GETCO.		

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
- **Export:** Exporting the video data in native format with multiple file export option makes it a hassle

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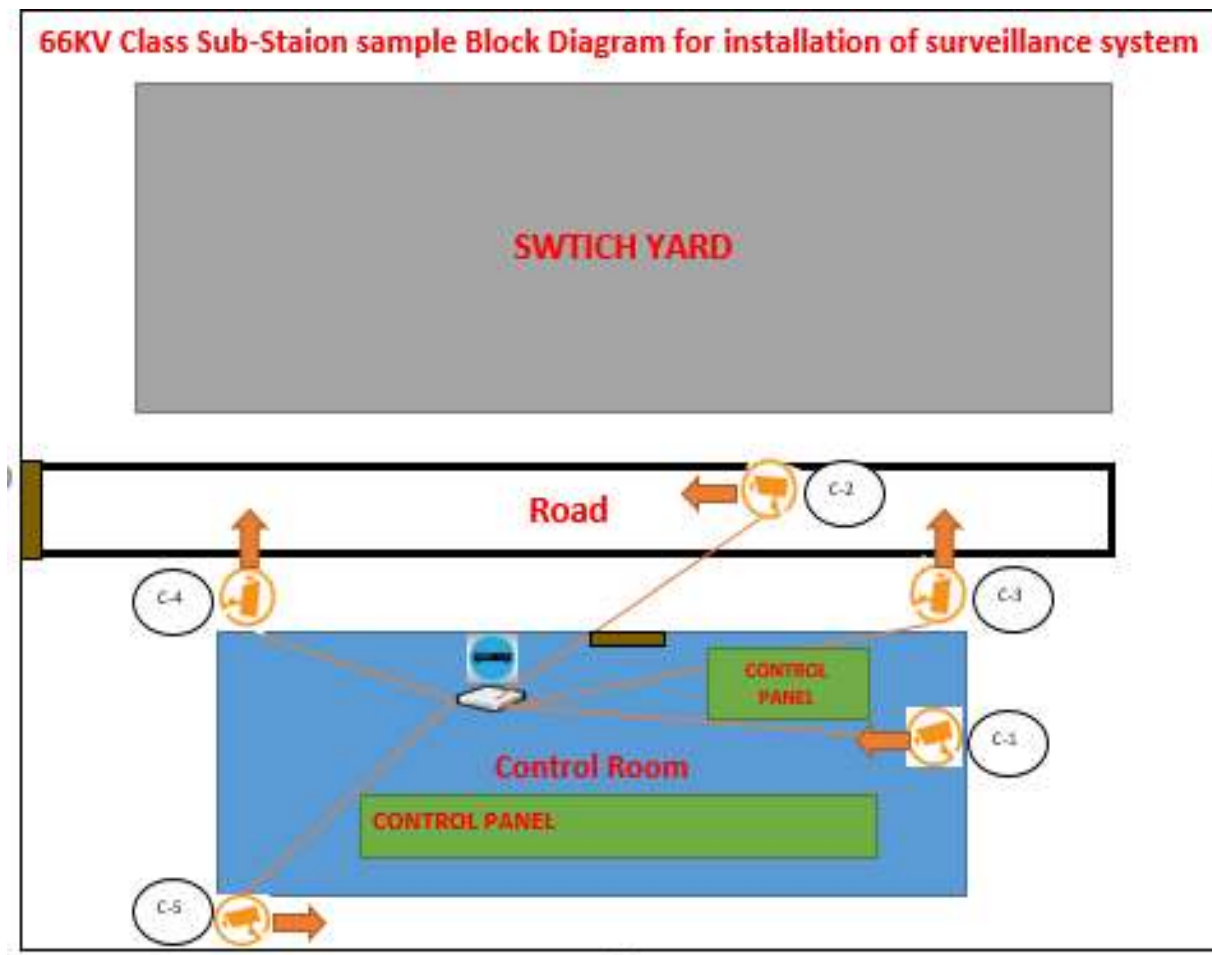
free export and playback of the video sequence. Manual Backup over USB through USB2.0 / USB3.0 interface

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 $\leq$ 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 $\leq$ 16 A per phase and not subject to conditional connection	IEC 61000– 3–3	YES / NO
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

(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.

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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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 erection work includes erection insurance to be arranged by the contractor at his cost.
3. 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.
4. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO
5. All work should be done according to ISO & FQP and all required documents including filled FQP, testing results, etc should be submitted while handing over the line.
6. The rates are with supply of cement by the contractor.
7. Red oxide & zinc rich paint shall be applied after tack welding of nuts.
8. The rate indicated includes taking delivery of all stringing material Board's stock at destination keeping them in safe custody and transporting the same to erection site
9. Contractor has to ensure safe shifting, dragging, erection of all equipments to comply with labour laws I.E. rules etc.
10. Contractor has to make arrangement for skill labours for assisting to commissioning engineer as an when require as per instruction of Engineer in charge.
11. 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.
12. All items / materials shall be installed / erected in accordance with specified manuals /technical guide lines of the manufacturer and as per instruction of EIC.
13. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.
14. 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.
15. Contractor has to submit the planning bar chart before starting the work in kickoff meeting.
16. Contractor has to complete all the work related to this title in stipulated outage period as per instruction of EIC
- 17. The successful bidder shall depute qualified and experienced site engineer during the work execution by contractor. In case the contractor doesn't engage qualified and experienced site engineer having qualification of BE/Diploma (Electrical) from recognized university, penalty of 10000/- (plus GST as applicable) per month from RA/Final bill shall be deducted and it will be non-refundable.**

	Gujarat Energy Transmission Corporation Ltd.	
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com	
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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 _____ 2026. 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 **Name of Contractor** and **SE, GETCO Circle Office Amreli** for the contract of the _____ value of Rs. _____ interlaid 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:

- 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.
- 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.

I/We have read and clearly understood all the above terms & conditions and accept here with
 Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd.	
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	

- 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:

Sr. No	Amount of Contract in Rs.	Penalty amount
1	Up to ₹ 1 Lac	₹ 5000/- plus GST as applicable
2	Above 1 Lac to ₹ 10 Lacs	₹ 40000/- plus GST as applicable
3	10 to ₹ 100 Lacs	₹ 1,00,000/- plus GST as applicable
4	> 100 Lacs	1.0 % of contract value 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 (Witness's Name and Sign with identity Proof):

1. _____
2. _____

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	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	

INDEMNITY BOND

(Non-Judicial Stamp Paper of Rs. 300/-)

KNOW ALL MEN BY THESE PRESENTS that we, Messer's _____ (hereinafter called "the Contractor" which expression shall, where the context so admits, include their heirs, executors, administrators and legal representatives, successors and permitted assigns) are hereby held and firmly bind unto the Gujarat Energy Transmission Corporation Ltd (hereinafter called "the GETCO" which expression shall, where the context so admits, include its successors and assigns) to refund the full amount of materials supplied by the GETCO under the terms and conditions of AT/LOI No. _____

Dated _____ against any loss damage or deterioration of whatsoever nature occurs to said materials supplied by the GETCO and which are in the custody of the contractor at their works site, on behalf of the GETCO, at _____ **(name of S/S / line)** and / or if any of the said materials, when inspected by any officer authorized by the GETCO in this behalf, is found to be damaged, lost, deteriorated in quality or quantity, the contractor hereby agrees to bind himself to indemnity and at all times keep indemnified the GETCO against all loss, damage and deterioration to the any material supplied by the GETCO during his custody and shall pay in cash on demand from the GETCO within 30 days the market value of such materials which is lost, damaged or deteriorated in full to the GETCO and shall also hereby authorize the GETCO to deduct the said sum from any sum due to the contractor or any sum which may at any time become due to the contractor under the above referred contract or any other contract entered into by the contractor with the GETCO.

AND WHEREAS the contractors do hereby agree to be responsible for the safe custody and protection and preservation of the said materials against all risks (excluding war risks) and against loss, damage and deterioration of whatsoever nature in respect of the said materials while it remains in the custody and possession of the contractor.

AND WHEREAS the said materials shall at all times be open for inspection by any officer authorized by the GETCO

Now the conditions of the above written bond are such that the contractor shall pay the full amount forthwith to the GETCO in the event of loss, damage or deterioration or whatsoever except due to circumstances arising out of war in respect of the materials supplied by the GETCO and shall fully and effectually indemnify and keep indemnified to the GETCO against such loss, damage and deterioration.

The contractor shall keep the said materials open at all times for inspection by the officers authorized by the GETCO and produce at any time when demanded.

THE WITNESS WHERE OF: We the

Said M/s. _____

(Signature of contractor)

(Seal of Firm)

hereto signed at _____

this day _____

In the presence of

1. _____ Name _____
_____ address _____ (Signature)

2. _____ Name _____
_____ address _____ (Signature)

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PROFORMA FOR CONTRACT AGREEMENT

(Non-Judicial Stamp Paper of Rs. 300/-)

This Agreement is made at **GETCO, Circle Office, Amreli** on the _____ day of _____ in the Christian Year Two thousand twenty-six between M/s. _____ (address of office) _____ (hereinafter 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 Head office at Vidyut Bhavan, Race Course, Baroda 390 007. (hereinafter 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 aforesaid contractors for

_____ as per GETCO's Order/LOI No. _____ hereinafter 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 _____ on behalf of the contractors and by **SE, GETCO Circle Office, Amreli** on behalf of the GETCO, a list whereof is made out in the Schedule hereunder written and all of which said documents are deemed to form part of this contract and included in the expression "The works" wherever herein used, upon the terms and subject to the conditions hereinafter mentioned.

AND WHEREAS THE GETCO has accepted the tender of contractors for the construction of the said works for the sum of Rs. _____ Rupees (_____) upon the terms and subject to the conditions herein mentioned.

NOW THIS AGREEMENT WITNESSESS AND IT IS HEREBY 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 aforesaid the Board doth 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 whatsoever 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 Order/LOI No. _____.

The contract value, extent of supply & 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. _____ and contractor's offer opened on dated ____/____/2026
- 2) GETCO order No. _____ Dtd. _____
- 3) Contractor's acceptance of order vide letter no. _____.
- 4) Contractor's Partnership Deed Dtd. _____.
- 5) Contractor's Power of Attorney / Board Resolution authorizing person to sign on behalf of Firm.

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd.	
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com	
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In witness whereof the parties here to have set their hands and seals this day and month, year first above written.

1) Signed, sealed and delivered by

(Signature with name, Designation and official seal)

For and behalf of M/s. _____

(Signature)

Address: _____

In the presence of (Full Name, Address and Signatures)

i. _____(Signature)

ii. _____(Signature)

2) Signed, sealed and delivered by

(Signature with name, Designation and official seal)

For and on behalf of Gujarat Energy Transmission Corporation Ltd.,

In the presence of name, Full address and Signature:

(1) _____

(2) _____

	Gujarat Energy Transmission Corporation Ltd.	
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Format for Application for refund of EMD

(TO BE SUBMITTED ON FIRM'S LETTER HEAD)

To,
 Superintending Engineer,
 GETCO Circle Office,
 Amreli.

Sub :- Application for refund of EMD.

Respected sir,

I request your good self to refund my EMD for the tender mentioned below as soon as the price bids are opened and if i/we am/are not the L:1 for the same. The details are as under....

Tender No.	
Tender ID	
Name of work / Subject	
EMD mount	
EMD DD No., Date & Name of Bank	
Name of bidder	
Contact No	
E mail Address	
Bank detail for RTGS into which EMD is required to be refunded.	

Thanking You,

Faithfully Yours,

(Name and Seal/Stamp of bidder)

	Gujarat Energy Transmission Corporation Ltd.	
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	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	

NON JUDICIAL STAMP PAPER OF RS. 300/- (Stamp Paper Validity Six months)
FORM OF BANKER'S UNDERTAKING
[For Execution of Contract and Performance Guarantee (PG) for Warranty period as per Commercial Terms and Conditions of Tender]

To,
The Superintending Engineer
 Gujarat Energy Transmission Corporation Ltd,
 Circle office,
Amreli.

BG. No.
 Issue Date
 Expiry Date
 Amount Rs.

In consideration of the [Insert name of the Supplier / Contractor / Agency, Address] who have entered into a contract for the supply/works specified below:

LOA / A.T. No. dated with Gujarat Energy Transmission Corporation Limited (herein after referred to as GETCO), We [Insert name and address of the bank issuing the guarantee and address of the Registered office] (hereinafter referred to as "Guarantor Bank") hereby agrees unequivocally, irrevocably and unconditionally to pay to the GETCO at Circle office, Amreli forthwith on demand in writing from the GETCO or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees only [Insert the amount of the bank guarantee].

This Bank Guarantee shall be valid and binding on the Guarantor Bank up to with a right to seek encashment for a period up to 30 days from the said Date (Date of Expiry of BG) and shall in no event be terminable by notice or any change in the constitution of the Bank or the term of the Agreement or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective agreement.

Our liability under this Guarantee is restricted to Rupees... (Rs. only). Our Guarantee shall remain in force until [Insert Date of Expiry of BG]. The GETCO shall be entitled to invoke this Guarantee any time up to thirty (30) days of the last date of the validity of this Guarantee i.e. [Date of Expiry of BG + 30 days] by issuance of a written demand to invoke this guarantee.

The BANK GUARANTEE can also be presented at the [hereinafter referred to as Local Branch at Amreli] of the (Issuing Bank of BG) for its Invocation.

The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand from the GETCO, made in any format, raised at the above mentioned address or local branch at Amreli of the Guarantor Bank, in order to make the said payment to the GETCO at Amreli.

The Guarantor Bank shall make payment hereunder on first demand without demur and without raising any restriction or conditions and notwithstanding any objection by, [Insert name of Contractor/Supplier/Agency] and/or any other person.

The Guarantor Bank shall not require the GETCO to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against the GETCO in respect of any payment made hereunder.

This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly the GETCO shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the (Name of party) to make any claim against or any demand on the

I/We have read and clearly understood all the above terms & conditions and accept here with
 Seal & Sign of Bidder

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	Gujarat Energy Transmission Corporation Ltd.	
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com	
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_____ (Name of party) or to give any notice to the _____ (Name of party) or to enforce any security held by GETCO or to exercise, levy or enforce any distress, diligence or other process against _____ (Name of party)

This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at Amreli shall have exclusive jurisdiction.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor Bank.

The Guarantor Bank hereby agrees and acknowledges that the GETCO shall have a right to invoke this Bank Guarantee either in part or in full, as it may deem fit.

Any Demand made by GETCO on the Guarantor Bank or its Local Branch at Amreli shall be conclusive and binding not withstanding any difference between GETCO and _____[Name of Supplier/Contractor/Agency] or any dispute pending before any Court, Tribunal, Arbitrator or any other Authority.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rs. _____ (Rupees. _____ only) and it shall remain in force until _____[Insert date of validity of BG], with an additional claim period of thirty (30) days of the last date of the validity of this Guarantee i.e. _____ [Date of Expiry of BG + 30 days]. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if the GETCO serves upon us a written claim or demand.

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this _____ day of _____ at _____

Witness:

1. _____

Name and Address.

2. _____

Signature(s) of

Name and Address

Constituted Attorney with POA No. and
round seal of Bank

OR

Signature of Two Bank Officials with their
sign, sign code nos. & round seal of Bank

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Format for LOI / AT Acceptance Letter

(TO BE SUBMITTED ON FIRM / AGENCY'S LETTER HEAD)

Ref. No.

Date:

To,

The Superintending Engineer,
Gujarat Energy Transmission Corporation Ltd,
Circle Office, Near 66kV Amreli-A Sub-station,
Keriya Road,
Amreli – 365 601.

Sub : Letter of acceptance of LOI.

Reference

- 1 Tender No :-
- 2 LOI/AT No. :- _____

We hereby acknowledge, agree and accept your LOI/ AT under reference above with terms and conditions mentioned therein for the work _____.

Thanking you,
Yours faithfully,

For _____

(Authorized Signature)

Designation

(Official Stamp)

	Gujarat Energy Transmission Corporation Ltd.		
	Circle Office, Amreli.		
	Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601.		
	e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com		
Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018			

E-Tender No. TCAL/CMC/PRJ/32/2026-27

Tender for Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).

Price Bid

{To be submitted online only}

	Gujarat Energy Transmission Corporation Ltd. Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmil.com setramreli@rediffmail.com Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018	
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GUJARAT ENERGY TRANSMISSION CORPORATION LTD.					
Circle, Amreli					
SCHEDULE- B					
Name of Work :		Erection, Testing & Commissioning work of 66kV Equipments, Structures, Control Wiring, Yard lighting, Control-Room Electrification, Supply of Furniture, P&F CCTV camera surveillance system etc. at 66kV Mahuva-2 S/S (Tal.Mahuva, Dist.Bhavnagar).			
Schedule of Rates for the Year : 2025 – 2026.					
SCHEDULE B-1: MAIN ERECTION					
Sr. No.	Description of work/Supply	Unit	Total Qty.	Rate	Amount in Rs.
1	Erection of equipments of any type / make with required all spares & accessories as per supplier's manual and FQP, including individual & interpolate wiring of for all mentioned voltage class switchyard (as per respective technical specifications & relevant Special Conditions) Suitable for all type of bus configurations. Scope includes the dragging/ loading/ unloading of same from site store to erection site. Erection of Breakers - 66 KV without Crane. Part - D Sr.No.1 (c)	Set of 3 Pole	4	5535.00	22140.00
2	Erection of CT & PT CVT on erected structure including complete dragging/ loading/ unloading of same with crane only from site store to erection site and fixing of required clamps, connectors & accessories as per instructions of Engineer-In-Charge.66 KV CT/PT (without Crane permitted) Part - D Sr.No.2 (d)	Per Phase	18	623.00	11214.00
3	Erection of surge arrestor with counter on Erected structure including complete dragging/ loading/ unloading of the same with crane only from site store to erection site and fixing of required clamps, connectors as per inst. of Engineer-In-Charge. 66 KV LA. Part - D Sr.No.3 (d)	Per Phase	12	415.00	4980.00
4	Erection of Double Break Isolator (All make) with earth blade on its erected structure consisting of 3 base channels with solid core porcelain insulator including interconnected piping with operating mechanism and accessories with final adjustment for simultaneous mechanical & electrical operating for opening & closing. The rates are inclusive of dragging / loading / unloading of the same from site store to erection site as per instruction of Engineer-In-Charge. 66 KV Isolator with E/B Part - D Sr.No.6 (a)	Set of 3 Phase	2	3459.00	6918.00

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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5	-- DO -- as above but without earth blade complete. (66 KV) Part - D Sr.No. 7 (a)	Set of 3 Phase	7	2491.00	17437.00
6	Erection of Solid Core porcelain/Composite polymer Bus Post Insulator on its erected structure complete, fixing of accessories and shifting of same including loading/ unloading from its site store to erection site. (66 KV) Part - D Sr.No.10 (d)	Per No	8	277.00	2216.00
7	Laying of any size of 11/22 KV XLPE cable including excavation of trench 300mm wide & 600mm deep including laying and filling up sand of 100mm layer from bottom & bricks on three side of cable & refilling the trench with Murram/soil & ramming etc. Required bricks, sand, power cable marker/C.I./G.I. plate etc. will have to be supplied by the contractor. Rates are inclusive of shifting of cable drum to the site from S/S site store. Drum should be handled only by jacking to avoid damage to cables. Part - D Sr.No.13	Mtr	50	138.00	6900.00
8	Laying of any size of 11/22 KV XLPE cable in ready made cable trench or in open space. Rates are inclusive of shifting of cable drum to the site from S/S site store. Drum should be handled only by jacking to avoid damage to cables. Part - D Sr.No.14	Mtr	600	63.00	37800.00
9	Erection of S/S & Equipment structure including punching of nut bolts. Rates are inclusive shifting of same up to erection site from its s/s Store. (66 KV)Part - D Sr.No.15 (a)	MT	25	2491.00	62275.00
10	Erection of 66/22KV or 66/11KV Class Power Transformer with complete mounting of all the accessories i.e. bushings, radiators, conservator tank etc. as per OEM approved drawing including laying of cable between all accessories mounted on the transformer/ marshalling KIOSK. Filling and filtration of oil with filter machine as per direction of Engineer-In-Charge, manufacturer engineer or as per instruction manual of the equipment. All necessary tools tackles, required filter machine, Hydraulic Jack, Vacuum pump etc. required for transformer erection shall be provided by contractor. Filtration of oil will be in scope of the contractor for the transformer. Part - D Sr.No.17				
	10 MVA	No	2	20754.00	41508.00
11	15 MVA	No	2	24905.00	49810.00

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12	Stringing of Bus complete in all respect with fixing of all fittings, insulators sag compensating plate/spring and all accessories as per the instruction of Engineer-In-Charge. C) Single Moose/AL-59/Zebra conductor Part - D Sr.No.21	Rmt./Ph.	150	63.00	9450.00
13	Preparing and fixing of required length of jumpers in the switchyard on respective Bus & equipments, tensioning & dressing of jumpers complete as per instruction of E.I.C. C) Single Moose/AL-59/ Zebra/ Panther conductor Part - D Sr.No.23	Rmt./Ph.	350	16.00	5600.00
14	Installation of earthing strips/MS Round bar in any kind of soil except Rocky (HR/SR) soil as per earthing philosophy of GETCO Earthing Grid: 1) Including digging of 600mm depth and 450mm wide trench.2) Cutting, bending, laying and fixing of Earthing grid conductor.3) 75x10mm / 50x6mm GI Strip: Fixing of two bolts at each straight joints and lap welding, removing oxide films formed during welding, applying two coats of red oxide and black powder after welding and applying zinc rich paint on welded joints.4) 25/32/36/40MM dia. MS Rod: Lap welding at each straight & cross joints, removing oxide films formed during welding, applying two coats of red oxide and black powder after welding and applying zinc rich paint on welding joints.5) Including supply of red oxide paint, black powder, HDGI Nuts & Bolts as per specification.6) Back filling of the trench with yellow / Normal soil. Structure & Equipment earthing: 1) Including digging of 600mm depth and 450mm wide trench.2) Cutting, bending as per required shape, laying and fixing of risers from Grid to structures and equipments.3) Lap welding, removing oxide films formed during welding, applying two coats of red oxide and black powder after welding and applying zinc rich paint on welding joints including supply of HDGI Nuts & Bolts for all connections including supporting to structures etc. as per specification.4) Back filling of the trench with yellow/Normal soil. b) 50x6 mm GI Strip / MS round bar up to and including 25mmPart - D Sr.No.24	Mtr.	3000	43.00	129000.00

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15	Installation of earthing strips/MS Round bar in any kind of soil in Rocky (HR/SR) soil as per earthing philosophy of GETCO Earthing Grid: 1) Including digging of 600mm depth and 450mm wide trench. 2) Cutting, bending, laying and fixing of Earthing grid conductor. 3) 75x10mm / 50x6mm GI Strip: Fixing of two bolts at each joints and lap welding, removing oxide films formed during welding, applying two coats of red oxide and black powder after welding and applying zinc rich paint on welding joints. 4) 25/32/36/40MM dia. MS Rod: Lap welding at each straight & cross joints, removing oxide films formed during welding, applying two coats of red oxide and black powder after welding and applying zinc rich paint on welding joints. 5) Including supply of red oxide paint, black powder, HDGI Nuts & Bolts as per specification. 6) Back filling of the trench with yellow / Normal soil. Structure & Equipment earthing: 1) Including digging of 600mm depth and 450mm wide trench. 2) Cutting, bending as per required shape, laying and fixing of risers from Grid to structures and equipments. 3) Lap welding, removing oxide films formed during welding, applying two coats of red oxide and black powder after welding and applying zinc rich paint on welding joints including supply of HDGI Nuts & Bolts for all connections including supporting to structures etc. as per specification. 4) Back filling of the trench with yellow/Normal soil. b) 50 x 6 mm GI Strip / MS Round bar (up to and including 25 mm) Part - D Sr.No. 25	Mtr.	500	164.00	82000.00
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16	Providing Bore type earthing with drilling of minimum 200mm dia.bore upto following mentioned depth in Rocky (HR/SR) Soil as per earthing philosophy of GETCO. 1) Work includes inserting 20 / 25 mm dia. MS Rod (for 66KV S/S) / 40mm dia. MS Rod (for EHV S/S) in bore depth and to be connected to the earthing grid at junction point by proper welding at both end. 2) This includes cutting, fabrication & welding of flat. 3) Refilling and compression of surrounding areas with Normal/yellow soil, ground enhancement material etc. wherever applicable as per approved soil strata and earthing design calculation. 4) Required G.I. Earthing strip / MS Rods will be supplied by GETCO Free of Cost 5) Earthing material like Normal / yellow soil, ground enhancement material (0.5CMT/Meter depth), wate, etc. shall be supplied by contractor. (a) 18 Mtr Depth Part - D Sr.No.26	No.	39	5229.00	203931.00
17	a) Supply, Installation, Testing & Commissioning of maintenance free treated earth electrodes Suitable for NORMAL SOIL s per drawing no. GETCO/E/P-021 (1 of 2) R3 dated: 29-05-2020 and technical specifications GETCO/E-TS-Maintenance Free earth pits/R1 dated 04-06-15 for 66/11 KV Sub-Stations with ground enhancement material/ back fill / grounding compound as per IEEE 80-2000 clauses 14.5 (d) and as per Part-7 of IEC-62561 using copper bonded earth electrode (with 250 micron copper coating) having 24 mm dia. (Min) and 3000 mm length which shall be capable of handling STC of 25 KA-1 sec. Work also includes providing BB Masanory inspection chamber (manhole) incl. light type CI cover. Part - D Sr.No.27 (a)	No	40	13893.00	555720.00
18	DO- as above for Rocky Soil as per drawing No. GETCO/E/STD/P-021 (2 OF 2) R3 dated 29-05-2020. Part - D Sr.No.27 (b)	No	0	14844.00	0.00
19	Erection of Control Panel, relay panel or C/R panel or RTCC panel including grouting of panel, jointing with adjoining panels including required fabrication for entry of control cables and complete vermin proofing. Job includes supply of required bolts, nuts etc. and shifting of panel from S/S site store to work site. 66 KV Part - H Sr.No.1 (d)	No	6	691.00	4146.00

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20	Erection of 11KV CB panel of any make including grouting, jointing with adjoining panels & horizontal , vertical levelling including required fabrication in control panel or required stone cutting in flooring for entry of power cable, control cable, including interpanel wiring and complete vermin proofing. Job includes supply of required bolts, nuts etc. and shifting of panel from S/S site store to work site. Part - H Sr.No.2	No	10	2076.00	20760.00
21	-DO- but for LT panel board GETCO including fixing of all switches bus bars etc. Part - H Sr.No.3	No	1	968.00	968.00
22	Erection of battery charger of any make as per manufacturer's instruction manual including grouting, vermin proofing. Part - H Sr.No.4	No	1	968.00	968.00
23	Erection of 100AH/250 AH, 110V D.C. battery set on wooden stand as per instruction manual of supplier including first filling of battery solution, proper connection of cells and applying, charging/ discharging cycles as per manufacturer's instruction manual and instruction of Engineer-In-Charge.(If required by GETCO) Part - H Sr.No.5 (b)	Set	1	6227.00	6227.00
24	Erection of station transformer of 22 KV or 11KV / 430 V on its plinth, grouting of foundation bolts, fixing of channels, danger board etc. including connection with power cable LV cable terminations including shifting from S/S site store to plinth as per instruction of Engineer-In-Charge. Part - H Sr.No.6	No	1	2214.00	2214.00
25	Fabrication for erection of any Equipment/ Structure/ panel or anywhere in s/s & F.B. at other end as per Inst. Of E.I.C. Part - D Sr.No. 31	L.S. (Max.)	1	4992.00	4992.00
26	Erection of support structure for 11 KV Power cable termination at 11 KV Bushing for 10/15/20 MVA Power Transformer as per Drawing No.: GETCO/E/06S-STD/11KV STR - A2-02. 1) Material for supporting structure will be supplied free of cost by GETCO. 2) Necessary wooden clamps with required nut-bolt-washers & HDPE rubber piece for packing etc. as per drawing shall be supplied by the contractor. 3) Job also includes minor fabrication, if required as per instruction of EIC. Part - D Sr.No.33	No	2	998.00	1996.00

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27	Erection of support structure for station transformer as per GETCO Drawing No: GETCO/E/06S-STD/11 KV STR- A3-03. 1) Necessary wooden clamps with required nut-bolt-washers & HDPE rubber piece for packing etc. as per drawing shall be supplied by the contractor. 2) Job also include erection of required 11kv LA, D.O. fuse and any minor fabrication, if required as per instruction of EIC. 3) Material for supporting structures, DO fuse and 11KV LA will be supplied by GETCO free of cost. Part - D Sr.No.34	No	1	2196.00	2196.00
28	Providing & fixing set of following items on erected 11KV support structures system for power cable of 66/11KV Transformer as per GETCO drawing No. GETCO/E/06S-STD/11kv STR-A2-02 and instruction of EIC. 1) Allu. alloy bus bar of size 120X20x2000 mm with heat shrinkable anti tracking tubing : 03 Nos. 2) 11KV SRI of PCD 127 mm - 12 Nos. 3) Copper laminated fusion welded flexible jumper of size 75 X 10 X 600 mm having 2000 Amp capacity : 03 Nos. 4) Bi Metalic Plate (Al/Cu) : 03 Nos. 5) 11KV Heat Shrinkable anti tracking sleeves on Al Bus bar of all three Phase : 06 Mtrs. 6) Including required GI/SS nut-bolt and washer of good quality for fitting support structure. 7) All five parts shall be coverd with heat shrinkable MV insulated tape/sleeve Part - D Sr.No.35	Set	2	27303.00	54606.00
29	Erection of 11KV D.P. Structure as per GETCO Drawing No.: GETCO/E/06S-STD/11kv STR-A1-01 1) Job includes erection of 11KV A/B switches, 11KV PI, jumpering between 11KV cable to 11KV bus etc. on erected structure. 2) Material for DP strutures, AB switches, PI and conductor for jumpers will be supplied free of cost by GETCO. 3) Necessary wooden clamps with required nut-bolt-washers & HDPE rubber piece for packing etc. to hold 11kv power cable as per drawing shall be supplied by the contractor 4) Job also includes minor fabrication, if required as per instruction of EIC. Part - D Sr.No.36	No	5	2196.00	10980.00

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30	Erection of 11KV D.P. Structure GETCO Drawing No. GETCO/E/06S-STD/11KV STR-A4-04.1) Job includes erection of 11KV A/B switches, 11KV PI, jumpering between 11KV cable to 11KV bus etc. on erected structure.2) Material for DP strutures, AB switches, PI and conductor for jumpers will be supplied free of cost by GETCO.3) Necessary wooden clamps with required nut-bolt-washers & HDPE rubber piece for packing etc. to hold 11kv power cable as per drawing shall be supplied by the contractor4) Job also includes minor fabrication, if required as per instruction of EIC. Part - D Sr.No.37	No	5	2196.00	10980.00
31	Stringing of Single ACSR Dog bus between 11KV D.P. Structure (A1) to Cross boundry structure (A4) in all respect. 1) Job includes fixing of all fittings and accessories on erected DP structures 2) Single tension hardware suitable for ACSR Dog Conductor - 6 set shall be supplied by the contractor 3) Necessary ACSR Dog conductor, 11kv insulator will be supplied by GETCO free of cost. Part - D Sr.No.38	Set of 3 phase.	5	4786.00	23930.00
32	Providing of M15 Grade Concrete for various equipment structure, Guy, 11kv DP, M.K. Box, Neutral channels, cable support channel, grouting of Pole/ Flood light structure with cement, sand & metal in proportion of 1:2:4 respectively. 1) Work includes muffing with smooth cement mortar (1:6) finish 2) Necessary sand, metal, water & cement shall be supplied by the contractor. Part - D Sr.No.39	Cmt	1	5276.00	5276.00
33	Excavation in Hard Rock for excavation of Earthing Pits/11kV or LT power cable trenches/ Yard Light Poles only. Part - D Sr.No.40	Cmt	1	525.00	525.00
34	Loading, Transporting & Unloading of all material for 66 KV substation like Structure, indoor & out door Equipments, DP Structure, earthing materials, Battery set, fire wedge, GI/MS scraps, all other required materials etc. in all respect for Substation & opposite end feeder bay from Store (Any store either const. div. or R&M store within respective zone) to Sub Station site. This job also includes crediting balance materials at respective construction division store at no extra cost. Part - D Sr.No.41	Job	1	51720.00	51720.00

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35	Supply & laying of 1 CoreX25mm2, armoured Copper Cable, multi-strand flexible of approved make ISI marked in ready made trench and/or PVC pipe from Battery Charger to Battery Set including termination at both side as per inst. of EIC. Part - D Sr.No.42	Mtr	40	199.00	7960.00
36	Providing and fixing of various type of sign Board, sticker, Big Sign Board, earthing pit board, earthing pit Board & Single line diagram etc as per instruction of EIC. Sticker of red, white, black Letters are to be utilised for various sign board. 1. Earthing Pit Board Size:- 6" x 6" - 42 Nos. 2. Safety Slogan Board, Hard Sheet board size 2' x 2' and 4mm thick (Gujarati Language)- 2 Nos. 3. Safety Slogan Board, Hard Sheet board size 3' x 2' and 4mm thick (Gujarati Language) with red and Yellow colour.-03 Nos. 4. Single line diagram size 5' x 3' Digital with Alluminium frame with fitting and as per approved diagram given by IEC.-01 No. 5. Big sign board size 5' x 4' and 2mm thickness indicating sub station name digital with S.S. rod with hole & as per approved symbol with fitting charge.- 01 No. 6. Switch yard sign Board 12" X 6" with 2 mm Thickness black & white Gujarati language.-25 Nos. 7. Safety Slogen Board size 2" x 6" in side control room.-05 Nos. 8. Various type of control room equipment sticker size-24 cms x 5cms.--18 Nos. 9. Prohibition Board: size - 5" x 3" with 2mm thick MS Sheet on MS square pipe/ angle frame with hole and fitting charge. - 01 No. 10. Maintenance Chart Board: size 5" x 3" Digital with Alluminium frame with fitting and as per detail given by IEC. - 01No. 11. Zero Accident Board: size - 2" x 3" Digital with Alluminium frame with fitting and as per detail given by IEC. - 01No. 12. Safety picture board size :- 3' x 3' (Laminated for O/D use)-03 Nos. 13. Name plate board of transformer size :- 2' x 1'- 04 Nos. 14. Cable marker size:- 6" x 6", Radium, fixed on 750mm long M.S.Rod for fixing arrangement.- 30 Nos. Part - D Sr. No. 43	Job	1	24957.00	24957.00
37	P&F of Radium sticker for outdoor and idoor equipment identification like LA, Isolator, Circuit Breaker, Transformer, CT,PT,MK box,C&R Panel, 11KV panel board etc. Part - D Sr.No. 44	Sq.Inch	5000	2.00	10000.00

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38	Providing and Fixing of fire stand from 75mm GI pipe A class ISI mark heavy duty having 5ft width and 4ft height as per inst of Engr. In charge.1) Work includes cutting, drilling, welding of pipe as required. Fabrication and supply of 16mm dia meter hook required size for buckets. 2) 4 Nos.of fire buckets are to be provided by the contractor3) Fire stand should grouted with excavation of pit size 300mm x 300mm-2 Nos. of 600mm depth with 1:3:6 mix maffing 300mm in height including leveling of stand. 4) The fire stand is to be painted with post box red colour of approval quality as per instruction of EIC. 5) All required approved material including cement, sand, metal etc are to be provided by contractor. Part - D Sr.No. 45	Job	1	4992.00	4992.00
39	Providing, Fabrication and erection of VHF set entena support pipe on control room by providing 25mm dia. GI pipe of length 20 feet including providing & fixing of 4 nos. of guy from GI wire 10 SWG. This job includes painting of GI pipe by good quality paint white and red alterlatively Part - D Sr.No.46	Job	1	1498.00	1498.00
40	Labour charge for fixing of 11KV XLPE Indoor/Outdoor cable kit of any make for 11kv, 3C x 95 sq.mm. to 300 sq.mm. XLPE power Cable. Cable kit will be provided by GETCO. Part - D Sr.No.47	No	24	748.00	17952.00
41	Providing & Fixing of RAYCEM/MSEAL/CABSEAL or equivalent approved make from GETCO heat shrinkable type 11KV XLPE Indoor/Outdoor cable Termination kit suitable for 11KV, 3C x 95 sqmm to 300 sq.mm XLPE power cable. Part - D Sr.No.48	No	1	6139.00	6139.00
42	Providing & Fixing of Aquaguard Total Reviva Water R.O. Plant including Commissioning & Testing and also with required peripherals for installation of plant as per site condition (1) Dimension: 320 X 275 X 410 mm (2) Weight : 8 KG (3) Water flow : 8 to 12 LPH (4) Input power : 230V AC (5) RO membrence : TFC spiral You have to provide guarantee for the 12 month from the installation. Part - D Sr.No.50	No	1	6889.00	6889.00

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43	Providing and fixing of ISI mark Rubber Matting sheet Suitable for 11KV Class As per following specification. Reference IS:15652-2006 with latest amendment. Suitable for Voltage Class :B Max Use Voltage : 11KV AC proof voltage : 22KV Dielectric strength : 45KV Leakage current : < 10 micro ampere Colour RED/BLUE Make : Vardhman or equivalent (Rubberhouse India) Width :1 mtr. Thickness :2.5 mm. Surface :Chequered on one side and other side plain. NOTE: Contractor has to supply Rubber Matting sheet as per IS:15652-2006 with latest amendment specification and shall submit test certificate for routine test as per relevant IS Part - D Sr.No.51	sq.mtr	16	4492.00	71872.00
44	Providing & fixing of reputed make ISI mark Fire Extinguisher with latest amendment Note: Contractor shall submit Test certificate for routine test as per relevant IS. Part - D Sr.No.52				
	a) Chemical powder 9 Kg.	No	2	6301.00	12602.00
45	b) CO2 type - 6.5Kg	No	2	7047.00	14094.00
46	c) CO2 type - 22.5Kg	No	2	17817.00	35634.00
47	d) Mechanical foam type - 50Ltr	No	1	14499.00	14499.00
TOTAL - 1 (SCHEDULE B - 1) 1680471.00					
<u>SCHEDULE B - 2 : CONTROL WIRING</u>					
48	Preparing of Complete schedule of wiring for line/ transformer bay in triplicate. Necessary drawing will be provided by the GETCO. Schedule should be approved by EE or DE in charge. a) 66 KV Bay.Part - H Sr.No.9	Bay	4	1996.00	7984.00
49	Laying of 1.1KV PVC armoured copper / aluminium cable inside hume pipe/cable trench including binding / clamping of cable with GI wire as per the requirement including supply and fixing of identification tags on both ends and at every 10 mtrs. for following size. Part - H Sr.No.7				
	a) 2c x 2.5mm Sq., 2c x 3.5mm Sq, 4c x 2.5mm Sq., 7cx2.5mm Sq., 4c x 4mm Sq. copper control cable or any equivalent size of all L.T.cable	Mtr	2500	6.00	15000.00

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50	b) 12c x 2.5mm Sq., 12c x 4 mm Sq, 12c x 6 mm Sq., 19cx2.5mm Sq., 27c x 2.5 mm Sq. copper control cable, 3.5c or 4c x 10 mm sq., 70 mmsq. aluminium armoured or unarmored L.T. power cable	Mtr	1900	10.00	19000.00
51	Laying of 1.1 KV PVC armored copper / aluminium cable in ground by digging trench of suitable width and 450 mm depth in any type of soil including supply and fixing of identification tag on both end and at distance every 10 mtr. For following size. Part - H Sr.No.8				
	(a) 2c x 2.5mm Sq., 2c x 3.5mm Sq, 4c x 2.5mm Sq., 7cx2.5mm Sq., 4c x 4mm Sq. copper control cable or any equivalent size of all L.T.cable.	Mtr	350	21.00	7350.00
52	(b) 12c x 2.5mm Sq., 12c x 6 mm Sq, 12c x 6 mm Sq., 19cx2.5mm Sq., 27c x 2.5 mm Sq. copper control cable, 3.5 c or 4 c x 10 mm sq. , 70 mmsq. aluminium armoured or unarmored L.T.cable.	Mtr	150	26.00	3900.00
53	Providing & Fixing 'B' class GI Pipes of following size for cable protection including fixing with structures. (Non SOR) including required 'L' & 'T' band, coupling for CT, PT, Transformer, MK Box cabling on structure including required fabrication. Part - H Sr.No.10				
	(a) 40 MM Dia. (weight of pipe - 3.2 kg/meter)	Mtr	150	255.00	38250.00
54	(b) 50 MM Dia. (weight of pipe - 5.1 kg/meter)	Mtr	70	284.00	19880.00
55	Termination of Control Cable at Panel / M.K./ Equipments including supply of required size of double compression type metal glands, lugs, ferrules, PVC Binding Tape, Buttons, cable ties, etc. for following size of cables. Part - H Sr.No. 11				
	a) Up to 7 Core Control Cable	End	200	199.00	39800.00
56	b) As above but for Above 7 Core Control Cable.	End	70	349.00	24430.00
57	Providing & installation and commissioning of remote control switch board for ON/OFF control of all 11kv panel at operator table with supply of good quality metal sheet box (18 SWG) size 450 x 450 x 125 mm with door, 20 nos standard ISI make and rating industrial push button, indication lamp(LED), terminal connectors fixed on c-type channel, etc with installing accept/reset arrangement with required ISI marked copper flexible wire size 2.5 Sq. mm including complete wiring in PVC pipe and fixing on wall as per inst. of EIC. only 19/27 core x 2.5 sqmm cable supply by GETCO. Part - H Sr.No. 12	Job	1	6489.00	6489.00

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58	Providing and fixing of all weather proof, cold rolled sheet steel junction box for CVT & PT, CT terminations with 30 Nos. of disconnecting type, 'Elmex' make CATDM 4 or equivalent type connectors and required no of fuses, links etc.as per instruction of Engineer-in-charge, as per approved schedule of cable. Part - H Sr.No. 13	No	6	21549.00	129294.00
59	Providing & fixing of all weather proof, cold rolled steel sheet floor mounted fixed type single door grey color Main AC Dist box having size 900x600x250 MM with door closing arrangement and necessary rubber gasket. Contractor has to supply following materials with box along with necessary mounting and wiring. (1) L&T/Anchor/Havells Make 100A,4P MCCB - 1 No. (2) L&T/Anchor/Havells Make 63A,4P MCB - 2 Nos. (3) 100 A Copper Bus-Bar Link - length 6 inch size & 25 x 3 MM - 4 Nos. (4) Tinned Earth Bus 25 x 3 MM Length - 32 Inch - 1No. (5) 25 & 16 sqmm Cu. flexible cable - 4 & 8 Meter respectively. (6) Required Nos. of Cu. Lugs , etc. as per instruction of EIC. Part - D Sr.No. 54	No	1	20650.00	20650.00
60	Providing and fixing SwitchYard LT ACDB with 12 OG feeders, as per GETCO approved DRG No.14 GT-208 R1 (Sheet No. 3 to 10) /HTS/08/2019-20. Make:Popular Switchgear Pvt Ltd./Hi-Tech Services.(As per CEG Mail Dt.13.10.2025)	No	1	94496.00	94496.00
TOTAL - 2 (SCHEDULE B - 2)					426523.00
<u>SCHEDULE B - 3 : YARD LIGHTING</u>					
Sr No	Description of work/Supply	Unit	Total Qty.	Rate	Amount
61	Providing & fixing of all weather proof, cold rolled sheet steel AC Panel - 2 for Yard-Light AC supply having (1) 63A 4P MCB : 01 No. (2) MCX-12A contactor : 01 No. (3) Digital Timer : 01 No. (4) 20A TPN MCB : 06 Nos (5) Indication lamp " 03 Nos (6) Push Butten : 02 Nos (7) Terminal Connector as per site requierment and other detail as per drawing enclosed including grouting & Necessary fabrication of GI Angle or fixing on GI Structure, including earthing with main grid as per instruction of EIC. Part - D Sr.No. 53	No	1	24732.00	24732.00

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62	Supplying & laying of following size Control/ L.T. power cable in readymade cable trench or by excavating in any type of soil cable trench size 300mm wide 600mm depth and refilling the same as per the direction of EIC. Item Includes the cable laying upto termination box with clamps & proper clamping of cable on gantries by GI pipe & glands as per direction. Item includes providing & supply of bircks, sand as per requirement. The L.T power cable to be provided by contractor as under :As per ISI 1554 (Part-I). 3.5 Core x 50 mm ² Alluminium cable -Armoured, from distribution X'mer to Main Distribution Board near dist. X'mer and from MDB to indoor LT panel board (LTPB) - both 2 runs. Part - D Sr.No.55	Mtr	150	292.00	43800.00
63	Supplying & laying of following size Control/L.T power cable of FINOLEX or equivalent ISI make in readymade cable trench or by excavating in any type of soil cable trench size 300mm wide and 600mm depth and refilling the same as per the direction of EIC. Item Includes the cable laying up to termination box with clamps & proper clamping of cable on gantries by GI pipe & glands as per direction. Item includes providing & fixing of bricks, sand as per requirement to protect cables . The L.T power cable to be provided by contractor as under :As per ISI 1554 (Part-I). 4 Core x 25 mm ² Aluminum cable - Armored, from LT panel board (LTPB) to Yard Light AC MK (AC Panel-2), AC Panel 1 in C.R. and yard AC BoxPart - D Sr.No.56	Mtr	180	175.00	31500.00
64	- - do - - 4C x 4mm ² Copper cable - Armoured, from yard-light AC MK (AC panel-2) to all yard-light fixture junction boxes on LM & street light light pole & Station transformer to Colony & LT panel to watchman cabin. Note: Cable Laying work either in ready made cable Trench or by excvating in any type of soil if required. (Only laying. Cable will be supplied by GETCO) Part - D Sr.No.57	Mtr	700	19.00	13300.00
65	- - do - - 4C x 2.5mm ² Copper cable - Armoured, from yard-light AC MK (AC panel-2) to all junction boxes on post top lantern. Note: Cable Laying work either in ready made cable Trench or by excvating in any type of soil if required. (Only laying. Cable will be supplied by GETCO) Part - D Sr.No.58	Mtr	300	19.00	5700.00

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66	Providing & fixing of 'B' class ISI marked GI. Pipe of 32/40mm dia for cable looping & road crossing with necessary elbow/ bend for each pole & J.Box for yard lighting & for control-room flood light wiring work with fixing on wall with shadles if required as per inst. Of EIC. Part - D Sr.No.59	Mtr	60	180.00	10800.00
67	Providing & erection of 7.0 Mtr. long swaged type welded GI tubular street light pole on the foundation in any type of soil as per inst. of E.I.C. confirming to relevent IS and as per attached Drawing No. GETCO/E/STD/LTG.POLE -R2, DT-24-12-2019 Part - D Sr.No.60	No	6	9983.00	59898.00
68	Providing & erection of 4.5 Mtr. long swaged type welded GI tubular post top lantern pole on the foundation in any type of soil as per inst. of E.I.C. confirming to relevent IS and as per attached Drawing No. GETCO/E/STD/LTG.POLE -R2, DT-24-12-2019 Part - D Sr.No.61	No	4	6988.00	27952.00
69	Supply and fixing of Pole/Wall/Structure mounted FRP junction box of any standard reputed make of required size with clamp, providing 1 SPN MCB, of 16 A having short ckt breaking capacity of 10kA peak of standard ISI make like L&T/ANCHOR/MDS /HAVELLS & 2 Nos. of stud type connector of standard make like Connectwell. The cable glands & lugs are also included for both incoming & out going cables Amp. of standard make like MDS/HAVELLS. Part - D Sr.No.62	No	28	748.00	20944.00
70	Earthing to tubular pole/luminaries,by coil type earthing at 10 SWG, GI wire in earth pit of 1.5 mtr. Depth in any type of solil by using salt/ coke (charcole) 16 kgs each & remaining filling with yellow/ Normal soil & clamping the earth wire with pole & Junction box. Part - D Sr.No.63	No	19	400.00	7600.00
71	Providing and fixing of 1 x 250-Watt LED luminaries - Energy Efficient flood light with complete allied accessories having features like powder coated, aluminium housing, heat resistant toughened glass provided with gasket (Philips/ CGL/ Bajaj/ GE/ Osram/ Wipro or equivalent make). Luminaries to be fixed on swaged pole / GI structure by providing required fabrications & 4 core 2.5 sqmm double insulated flexible stranded wire should be used from fittings to approved SMC type junction box as per inst. of E.I.C CEG Esarkar L No. GETCO/0748/08/2025 Dtd.18.08.2025	No	18	11576.00	208368.00

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72	Providing & Fixing of LED Street Light Fixtures (1X120W) (CGL Cat No. LST0120/CDL 120W or equivalent under Cat-II or above as per R&B SOR), 4-core 2.5mm ² double insulated flexible stranded wire should be used from control gear fittings to approved SMC type junction box as per inst. of E.I.C. Part - D Sr.No.66	No	6	9593.00	57558.00
73	Providing and laying rigid 10 Kg/Cm ² , PVC pipe including necessary fitting like bend, Tee, Y bend, Plug bend etc. fixed with wall or as per instruction of EIC by means of clamps and nail with water tight joints by approved solution etc complete as per directed by EIC. Also including necessary finishing using white cement. A) For 75 mm dia Pipe [GWSSB SOR 22-23, PG- 7, ITEM NO- 3.1D/2 and Pge 37 Itm 8/2]	RMT	370	221.00	81770.00
74	Providing & fixing of 1x40W LED Post Top Lantern fixtures (CGL Cat No. LPTO-40/CDL 40W or equivalent under Cat-II or above as per R&B SOR) complete fitting in all respect and 4 core x 2.5 mm ² double insulated PVC flexible copper cable from control gear fitting to SMC junction box as per instruction of E.I.C. (2 No. are to be provided on Main gate & 4 No. are to be provided on 4.5Mtr Tubular pole) Part - D Sr.No.67	No	6	7556.00	45336.00
TOTAL - 3 (SCHEDULE B - 3)					639258.00
<u>SCHEDULE B - 4 : CONTROL ROOM INDUSTRIAL ELECTRIFICATION</u>					
75	Providing and fixing of DBS as AC Panel - 1 for CR of ISI marked Powder coated Pearl DBS of ivory color , wall mounting, Double door Distribution board of L&T, Heggbar or higher make fitted with 63Amp Phase Bus bar, Earth / Neutral Bars and inter connecting wires with removable bottom gland plates for all power cable entry from bottom with DIN Channel ,incoming contact and 1No. - 63Amp TPN MCB 'C' Series, 6Nos. - 20A SP MCB 'C' Series and 13Nos. -10A SP MCB 'C' Series All MCBs are L&T, Anchor or Higher make only. Complete in all respect and as per instruction of EIC. Part - D Sr.No.68	No	1	6738.00	6738.00
76	Supplying & Laying Sub-main lines of 3X2.5 mm ² (two for P & N and one for Earthing) copper PVC insulated wiew of ISI brand in suitable standard make steel conduit pipe having minimum 1.5 mm thickness of approved brand with ISI brand with clmpes with it's associated accessories for various circuits amanating from AC panel 1.as per inst. of E.I.C. Part - D Sr.No.69	Rmtr	180	125.00	22500.00

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77	Point wiring for control room tube lights, fans, exhaust fans, fancy lights, water tight bulck head lights with PVC insulated 660 V grade standard copper wire in ISI make GI conduct pipe 20 mm dia and 1.6 mm wall thickness size fitted with sadles on the wall/ceiling. Size of wire shall be with 3C x 1.5 sq.mm PVC insulated copper wire for phase and neutral and earth wire [Green] and 5 Amp Anchor/Roma or any equivalent switch as per specification with 16 guage M.S. box. The box shall be covered with 3 mm thick decorative mat finish hylum sheet. The work is all inclusive of supply and fixing of required materials as afore said [like GI conduct pipe , sadles , swithces , Steel box , ceiling Rose , flexible copper wire etc] to complete point wiring with each fixture to be earthed by SWG-12 stranded copper conductor having green color as per direction and instructions of E.I.C. Part - D Sr.No.70	Point	75	1298.00	97350.00
78	Providing, fixing & termination for Emergency D.C. supply arrangement. This job includes supply & laying of 2C x 2.5 mm2 Copper armoured cable from battery charger to SBDC, fixing & providing SBDC & complete wiring with supply of wire & D.C. lamp (110V D.C., 100 watt-4 Nos.) in standard steel conduit pipe as per inst. of E.I.C. Part - D Sr.No.71	Job	1	4492.00	4492.00
79	Providing and Fixing points wiring in GI. Conduit size 20 mm dia and 1.6 mm wall thickness with single PVC insulated 2.5 Sqmm. copper wire of ISI standard good quality using 1.5mm thick suitable size ISI mark Anchor brand 15 Amp. 250 Volt, 5-pin plug socket as separete plug point with shock proof accessories incl. indication lamp; erected on separate decorative mat finish hylum sheet board on wall with providing adequate green earthing wire as per specification and instruction of Engineer Incharge. Part - D Sr.No.72	Point	12	1213.00	14556.00
80	---- Do ---- as above but with singal PVC insulated 3Cx1.5 sq. mm.copper wire of ISI mark plug socket for 5A domestic use separate plug point as per direction and instruction of E.I.C. Part - D Sr.No.73	Point	10	814.00	8140.00
81	---- Do ---- as above but looped on same board i.e. No separate board, plug socket for 5A domestic use as per direction and instruction of E.I.C. Part - D Sr.No.74	Point	14	199.00	2786.00

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82	Providing & Fixing of Ceiling Fan of 1400mm sweep Bajaj/Crompton / Orient/ usha / Cinni make (ISI approved). Fan is to be purchased from authorised dealer. Flexible wiring using twin core double PVC 48/0.2 mm copper flexible cord of suitable & approved make and size from ceiling rose upto fan terminal & supply and fixing of energy saver regulators, extra GI pipe of required size and length for lowering of fan if required as per instruction of EIC. Part - D Sr.No.75	No	9	1797.00	16173.00
83	Providing & Fixing of 50 W LED Lighting Fixture (CGL Cat No. LCTLR-50-FO-CDL 50W or equivalent under Cat-II or above as per R&B SOR), 4-core 2.5mm ² double insulated flexible stranded wire should be used from control gear fittings to approved SMC type junction box as per inst. of EIC. Part - D Sr.No.65	No	24	5059.00	121416.00
84	Providing and fixing of 41.5W LED Lighting Fixture (CGL Cat No. LPFC-36-CDL 41.5W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC. Part - D Sr.No.76	No	4	3154.00	12616.00
85	Providing and fixing of 40W (1X4) LED Lighting fixtures as per drawing (in office area & Porch Area) (CGL Cat No. LCTLSN-40-CDL (1X4) 40W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC. Part - D Sr.No.77	No	4	3417.00	13668.00
86	Providing earthing to control room with 10SWG copper earth wire connecting to required installations. This work include preparation of earth pit of size 0.5M x 0.5M x 1.5M depth and back filling by using Solt, Charcoal 16 Kg. Each, 2Mtr. Long heavy duty 19mm PVC pipe and black cotton soil with C.I. earthing plate of 10Kg weight. as per Inst. of EIC. Required all material to be supplied by contractor. Part - D Sr.No.89	No	4	499.00	1996.00
87	Providing & fixing of 30W LED Street Light Bulkhead (CGL Cat No. LSTO-30-CDL 30W or equivalent under Cat-II or above as per R&B SOR) on out side C/R building and inside cable trench in C/R including wiring from ceiling rose to fixture with suitable size of PVC insulated ISI marked copper wire only as per Instruction of EIC. Part - D Sr.No.78	No	8	2678.00	21424.00

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88	Providing and fixing of heavy duty exhaust fan in battery room size 18" of Make GEC/KHAITAN/CROMPTON/ BAJAJ incl. M.S. louver shutter of Fan & necessary wall finishing works and applying bird proof net on outside wall with required arrangement for rain water sealing and necessary conection from ceiling rose as per Direction and instruction of EIC. Part - D Sr.No.79	No	2	3494.00	6988.00
89	Providing & Fixing of Electric bell with bell switch near officer's table. All materials must be ISI mark and approved by EIC. Part - D Sr.No.80	No	1	149.00	149.00
90	Providing and fixing of 18W LED Lighting Fixture (CGL Cat No.. LCTL-18-CDL 18W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC. (For toilet & Bathroom) Part - D Sr.No.81	No	5	1281.00	6405.00
TOTAL - 4 (SCHEDULE B - 4)					357397.00
SCHEDULE B - 5 : SECURITY CABIN ELECTRIFICATION & MISCELLENEOUS WORK					
91	Providing and fixing of open type full point wiring with OVEL shape pvc pipes with accessories with 2.5mm ² copper, insulated wire of POLYCAB/AVOCAB make. The switch board of standard companies and switches, pendent holder brackets holder, cellig rose etc. should be of SSK/ANCHOR make including earth wire of 1.5mm ² . Part - D Sr.No.82	Point	3	270.00	810.00
92	As per Item No. 82 but for 5 pin 5 Amp. Point wiring Part - D Sr.No.83	Point	1	199.00	199.00
93	As per Item No. 82 but for 5 pin 15 Amp. Point wiring Part - D Sr.No.84	Point	1	698.00	698.00
94	Providing and fixing of 18W LED Lighting Fixture (CGL Cat No.. LCTL-18-CDL 18W or equivalent under Cat-II or above as per R&B SOR) as per instruction of EIC Part - D Sr.No.81	No	1	1281.00	1281.00
95	Providing earthing to security cabin with 10SWG copper earth wire connecting to required installations. This work include preparation of earth pit of size 0.5M x 0.5M x 1.5M depth and back filling by using Solt, Charcoal 16 Kg. Each, 2Mtr. Long heavy duty 19mm PVC pipe and yellow/ Normal soil with C.I. earthing plate of 10Kg weight. as per Inst. of EIC. Required all material to be supplied by contractor. Part - D Sr.No.89	No	2	499.00	998.00

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96	Providing & fixing of Wall Mounted Fan Crompton / Orient/ PSPO / Usha / Cinni (must be ISI approved). including wiring from ceiling rose to Fan terminals of by using twin core flexible PVC to PVC 48 / 0.2 mm copper cord of suitable & approved size & fixing of Fan regulator. [for security cabin]. Part - D Sr.No.91	No	1	1597.00	1597.00
97	Providing and laying of 2 core, 2.5 sq. mm PVC armoured copper cable of standard ISI make , inside hume pipe / cable trench / in ground, from control room / transformer distribution board to junction box of quarter & main switch of watchman cabin. During laying of cable in the ground, excavation of 300mm width and 450mm depth in any soil with murrum refilling to be done. This includes supply of saddles on the wall as instructed and approved by E.I.C. Part - D Sr.No.92	Mtr	100	120.00	12000.00
98	Cutting, uprooting and removing of grass, shrubs, bushes etc. from area as per priority given by E. I. C and also removing unwanted plants like Bordies, Ankdas, Nafatias, etc. to be excavated uproots. Also includes disposing of cut grass, shrubs and unwanted plants outside the premises of GETCO as per instructions of E. I. C. Scope included all tools and tackles, equipment, transportation, loading and unloading of cut grass. Nothing will be provided by GETCO. Part - D Sr.No.93	Sq. mtr.	1000	1.00	1000.00
99	Providing & Fixing of G.I. 1.5Mtr Long, 16MM Dia Lightning Rod (Spike) for Lightning Protection of Control Room Buiding as per Instruction of EIC as shown in Drawing No.. GETCO/E/STD/DSLSP-66kV CR- R0 Dtd. 26.10.17. Part - D Sr.No.94	No	4	141.00	564.00
100	Providing & fixing of 50x6 mm GI Flat for Control Room DSLP Protection. The work is to be carried out as per Drg. No.. GETCO/E/STD/ DLSP-66kV CR, R0 dated:26.10.17 as per inst. of EIC. The rates are including fixing of clamps on wall which is to be fabricated from 50X6 GI Strip. (GI Strip will be supplied by GETCO Free of Cost) Part - D Sr.No.95	RMtr	120	296.00	35520.00
TOTAL - 5 (SCHEDULE B - 5)					54667.00
SCHEDULE B - 6 : FURNITURE ITEMS					
101	Supply of Steel chair 'S' type, Over hanging arm with cushion with cane seat / back 1" x 16" gauge round pipe frame. The furniture items should be purchased from 'M/s, Adult training center for blind - Ahmedabad (Andhjan Mandal)' only. AT no.: ACE(Porc)/V/Furniture/2016-17/2943 Dtd.:01-03-17.	No.	2	1850.00	3700.00

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102	Supply of Steel rack of size 30" x 36" x 15" with three partitions, prepared with 20 gauges. The furniture items should be purchased from 'M/s, Adult training center for blind - Ahmedabad (Andhjan Mandal)' only. AT no.: ACE(Porc)/V/Furniture/2016-17/2943 Dtd.:01-03-17.	No.	1	2100.00	2100.00
103	Supply of Steel table of size 54" x 30" x 30" one side three drawers, one side shelf 1x18 gauge square pipe with Nova pan pre laminated top, with locking arrangement. The furniture items should be purchased from 'M/s, Adult training center for blind - Ahmedabad (Andhjan Mandal)' only. AT no.: ACE(Porc)/V/Furniture/2016-17/2943 Dtd.:01-03-17.	No.	1	8750.00	8750.00
104	Supply of Computer Table made from prelaminated Board size with Key Board facility and Drawer with locking facility with continuous printer out facility and Mouse Tray and also with special Tray for CPU and UPS having I.D. 4 x 21 Inch. X 2.5 FT. The furniture items should be purchased from 'M/s, Adult training center for blind - Ahmedabad (Andhjan Mandal)' only. AT no.: ACE(Porc)/V/Furniture/2016-17/2943 Dtd.:01-03-17.	No.	1	7200.00	7200.00
105	Supply of Steel revolving chair, revolving & tilting, low back high type seat with foam rubber 3" in seat 2" in back with good quality raxine cover, five legs, chromium plated frame. The furniture items should be purchased from 'M/s, Adult training center for blind - Ahmedabad (Andhjan Mandal)' only. AT no.: ACE(Porc)/V/Furniture/2016-17/2943 Dtd.:01-03-17.	No.	1	4600.00	4600.00
106	Supply of Steel cup board of size 78" x 36" x 19" four partition, door and shelves 20 gauge, body 22 gauge, color olive green as per drawing attached. The furniture items should be purchased from 'M/s, Adult training center for blind - Ahmedabad (Andhjan Mandal)' only. AT no.: ACE(Porc)/V/Furniture/2016-17/2943 Dtd.:01-03-17.	No.	1	9200.00	9200.00
TOTAL - 6 (SCHEDULE B - 6)					35550.00
SCHEDULE B - 7 : Supply, installation and commissioning of CCTV camera surveillance system					
107	Supply of IP Bullet Camera (2MP) with bracket & mounting accessories, as per technical specification and tender terms and conditions. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	5	8395.35	41976.75

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108	Supply of IP PTZ Camera (2MP) with bracket & mounting accessories, as per technical specification and tender terms and conditions. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	68488.78	68488.78
109	a) Supply of (i) Network Video Recorder (16 Ch) in built 12 TB SURVEILLANCE HDD , as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	48898.95	48898.95
110	a) Supply of POE SWITCH 8 Port with 02 nos SFP port with 02 SFP module, as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	34198.51	34198.51
111	Supply of 32" LED Monitor With Wall Mount Bracket, as per technical specification and tender terms and condition A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	33152.87	33152.87
112	Supply of 1 KVA UPS, as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	24258.40	24258.40
113	Supply of Powder coated 9 U RACK, as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	10874.84	10874.84
114	Supply of 4 Pair, CAT-6, Armoured cable, as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	MTR	400	80.66	32264.00
115	Supply of armored 4 core, 2.5 sq.mm with standard copper conductors power cable, as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	MTR	150	96.80	14520.00
116	Supply of Standard ISI marked weather proof Junction box, as per technical specification and tender terms and condition A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	6	529.37	3176.22
117	Supply of 9 mtr Long GI Tubular Pole, as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	No	1	36289.79	36289.79

I/We have read and clearly understood all the above terms & conditions and accept here with
Seal & Sign of Bidder

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 GETCO	Gujarat Energy Transmission Corporation Ltd.		 GETCO
	Circle Office, Amreli. Add.: Near 66kV Sub-station, Keriya Road, Amreli – 365 601. e-mail : setramreli.getco@gebmail.com setramreli@rediffmail.com		
	Regd. Corporate Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007. Corporate Identity No. (CIN): U40100GJ1999SGC036018		

118	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. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	RMTR	1250	14.12	17650.00
119	Laying of 6 core Armored Fiber optical cable and Power Cable in PVC / HDPE pipe with all necessary accessories as per technical specification and tender terms and condition. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	RMTR	550	14.12	7766.00
120	Digging suitable width up to 450 mm and back filling in any type of soil for laying of surveillance system cable. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	RMTR	300	148.22	44466.00
121	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. A/T No: CE(P&C)/Contacts/SS/E-50/CCTV/1488 Dt 01.11.2023	Job	1	3690.49	3690.49
TOTAL - 7 (SCHEDULE B - 7)					421671.60
SUMMARY					
SUB - TOTAL - 1 (SCHEDULE B - 1)					16,80,471.00
SUB - TOTAL - 2 (SCHEDULE B - 2)					4,26,523.00
SUB - TOTAL - 3 (SCHEDULE B - 3)					6,39,258.00
SUB - TOTAL - 4 (SCHEDULE B - 4)					3,57,397.00
SUB - TOTAL - 5 (SCHEDULE B - 5)					54,667.00
SUB - TOTAL - 6 (SCHEDULE B - 6)					35,550.00
SUB - TOTAL - 7 (SCHEDULE B - 7)					4,21,671.60
TOTAL(1+2+3+4+5+6+7)					36,15,537.60
Add : SGST @ 9.0%					3,25,398.38
Add : CGST @ 9.0%					3,25,398.38
GRAND TOTAL AMOUNT IN RUPEES					42,66,334.37
In Words : Rs.Forty-Two Lakhs Sixty-Six Thousand Three Hundred Thirty-Four and Paise Thirty-Seven Only.					

**Superintending Engineer
GETCO, Circle Office, Amreli.**

Signature of Agency / Bidder_____