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

Tender No. AMR/CO/CMC/AM/23/2026-27(2nd A)

(Amendment)

Name of work : Tender for Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.

Attached PDF document Name must be as per check list given on Page No. 8

(Amendment): Revised tender condition regarding submission and evaluation of documents during Technical /QR scrutiny (As per General commercial condition No. 6,7,8 and 9)

Index

Sr. No.	Particulars	
1	Technical Bid	
2	Tender Notice	
3	Special Instruction to the bidders	
4	Check List of Documents for Online Bid Submission by Bidder	
5	Qualifying requirements for bidders	QR
6	Scope of Work	
7	Safety Clause (Penalty Clause)	
8	Work & Safety Regulations.	
9	Annexure –A, Safety a habit	
10	General commercial condition	GCC
11	Special commercial condition	
12	Terms & condition regarding industrial laws and other related matters.	
13	Commercial Terms & condition for payment of cost of old line Material	
14	General Technical condition	
15	Special technical conditional	
16	Technical specification and technical condition for work	
17	Safety note	
18	Integrity pact	
19	Annexure-I ,II & III	
20	Schedule 1 to 7	
21	Safety Cum Indemnity Bond	
22	Indemnity Bond	
23	Performa for contract agreement	
24	Bank Guaranty format	
25	LOI/AT acceptance format	
26	EMD refund application format	
27	**Price Bid (Schedule-B)**	

Technical Bid

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 Notice No. AMR/CO/CMC/AM/23/2026-27(2nd A)

Superintending Engineer, Transmission Circle GETCO Amreli invites "On line Tenders" (e-tendering) for the work of **"Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO."** from registered contractors in appropriate class with GETCO and who has executed similar nature of work successfully as mentioned in Qualification requirement criteria given in the tender document. Bidders should fulfill 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 websites www.getcogujarat.com (for view & download only).

Payment of Tender Fee as well as EMD Shall be accepted through RTGS/NEFT/Online mode Only. "All the relevant documents of tender to be submitted online only"

Name of work	Estimated Cost in Rs. (Including GST @ 18%)	Total Time limit	Tender fee Rs. (Non-refundable)	EMD Amount for MSME /Non MSME unit in Rs.	Appropriate class
Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.	**1,34,03,413.91**	24 Month (BI-ARC)	**8850.00** (Rs. 7500.00 + CGST @ 9% Rs. 675.00 + SGST @ 9% Rs. 675.00)	**For MSME unit is Rs.80000/- and Non-MSME unit is Rs.120000/-**	E-1 & above Class

1	**On line (e-tendering) tender/offer submission last date up to 16:00 hours** only **(This is mandatory)**	25.11.2026
2	Date of opening of online technical bid (Preliminary stage) – **online opening at 16:30 hrs. (if possible)**	25.11.2026
3	Tentative Date of on – line opening of Price bid	After evaluation of technical bids
Note : Payment of Tender Fee as well as EMD Shall be accepted through RTGS/NEFT /Online Only.No any physical submission require.		

IMPORTANT:

1. All the relevant documents as per requirement of the tender to be submitted online i.e. Technical bid, Qualification requirement data, detail specification 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 all require tender documents, Tender Fees and EMD by on-line (e-tendering) .**
3. 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.)
4. Bidders are requested to remain in touch with the web site for any amendment/ corrigendum or extension of due date etc.
5. ~~In case short submission of documents with bid and / or clarification if any required from the bidder the required details / documents may be asked from bidder by E-mail.~~
6. Tender Fee and EMD in form of DD/Banker's Cheque/Pay Order/ Bank Guarantee are not allowed. If bidder submit the DD/ Banker's Cheque/Pay Order/ Bank Guarantee for Tender Fee and EMD, in that case the same tender will be not considered.
7. The Earnest Money Deposit and tender fee plus GST as applicable will be accepted only by RTGS/NEFT/online only in favour of **"GUJARAT ENERGY TRANSMISSION CORPORATION LTD.AMRELI"** As per given bank detail. Tender without EMD and tender fees shall be rejected.
8. **payment through RTGS/NEFT bidder has to mail following details:**

Sr. No	Required Details	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**)	

After payment of Tender fees and EMD through RTGS/NEFT bidder has mail detail **To: setramreli@rediffmail.com , decmctramreli.getco@gebmail.com and aotr.amreli@gebmail.com**

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

- **Bank Detail for RTGS/NEFT payment**

Sr.	Particulars	Requisite Details
1	Name of Bank	State Bank of India
2	Name of Branch	Library Chowk - Amreli
3	Branch Code	60030

4	IFSC Code	SBIN0060030
5	Name of Account	The Superintending Engineer, TR GETCO,Amreli
6	Account No.	31690479584

9. **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.**
10. **The GETCO reserves the right to award the work to one or more bidders, considering their technical and financial capacity OR to reject any or all tenders or accept any tender without assigning any reason thereof.**

Any technical questions, information and 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,
GETCO,Circle office-Amreli

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

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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 Infotower, 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

SPACIAL INSTRUCTIONS TO THE BIDDERS

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

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

2. Payment of Earnest Money Deposit (EMD):

1. Payment of **Earnest Money Deposit (EMD)** will be accepted online i.e. by RTGS/NEFT/Online only.
2. **Earnest Money Deposit (EMD) in form** of **DD/Banker's Cheque/Pay Order/ Bank Guarantee/cheque are not allowed. If bidder submit the DD/Banker's Cheque/Pay Order/ Bank Guarantee/Cheque 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.**

Check List of minimum documents require for Online bid Submission by Bidder

Sr. No.	Name of require Documents	Name of PDF file	Documents Attached online YES/NO
1	Scan copy of online payment receipt of Tender fee	**1.Tender fee**	
2	Scan copy of online payment receipt of Tender EMD	**2.Tender EMD**	
3	GETCO registered contractor certificate	**3. GETCO registered certificate**	
4	**Electrical contractor's license with latest validation**	**4. Electrical contractor's license**	
5	Copy of GST Registration. GST No. must be online active	**5. GST Registration**	
6	Copy of PAN Card	**6. PAN Card**	
7	Latest Bank Solvency Certificate of any Scheduled Bank of a sum of minimum 20% of Bid Value	**7. Bank Solvency Certificate**	
8	Copy of last three years ITR, balance sheet and profit loss statement	**8. ITR, balance sheet and profit loss statement**	
9	Copy of PF Registration	**9. PF Registration**	
10	Copy of latest EPF paid challan.	**10. EPF paid challan**	
11	Integrity Pact	**11.Integrity Pact**	
12	Annexure-I	**12. Annexure-I**	
13	Annexure-II and III	**13. Annexure-II and III**	
14	Schedule 1 to 7 (submit on firms letter-head with stamped & signed)	**14. Schedule 1 to 7**	
15	Details of partners/ Directors of the Firm/Company. Partnership Deed if applicable	**15. Details of partners/ Directors of the Firm/Company. Partnership Deed if applicable**	
16	Copy of Notarized Power of Attorney as the case may be.	**16. Power of Attorney**	
17	Duly attested copy of MSME registration (If applicable)	**17. MSME registration certificate**	
18	Copy of Work Orders for relevant work experience including Schedule-B	**18. Work Orders with name of line /SS**	
19	Form-3A (Work Completion Certificates) for the Work Orders of relevant work experience	**19. Form-3A**	
20	Scan copy of Self-attested Tender document i.e. signed on each pages (preferably digitally signed)	**20. Tender signed copy**	

Qualification Requirement for Bidder

(List of Documents to be submitted with Online Technical Bid only)

1. Registration: -

The Bidder shall be strictly a GETCO registered contractor of E-1 & above Class

2. Technical criteria: -

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. **(Submit Copy of W.O including Schedule-B + Work completion certificate/3A form duly signed by respective departments /concern EE.)**

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.

III) List of tools and tackles.

Experience of sub-order shall not be considered.

3. Financial Qualification requirement

1) Payment of Tender fee and EMD
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, balance sheet and profit loss statement, Net worth certificate, Audit Report

4. HR Qualification requirement:

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

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 have attached,

1. **Filled Annexure-I, Annexure-II, Annexure-II, Integrity pact, and Schedule 1 to 7 on company's letter pad and attached on line in n-procure.**
2. **EMD refund application on company's letter pad with stamp and sign as per given in tender**
3. **All documents should be submitted duly self-attested by the bidder in online through n-Procure only.**

Scope Of Work

GENERAL CONDITION FOR 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 **"Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.."** 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 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 maintained site register & FQP as per ISO.
8. All work should be done accordingly to ISO & FQP and all require documents including Filled 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 order.

10. **Execution of the Work As per schedule-B**
11. **Considering the time bound work the agency will be required to provide the necessary and adequate tools-tackles and work force to complete the work in stipulated time limit. In case of failure, work will be undertaken from another agency at the risk and cost of the successful agency.**
12. **Successful agency has to execute the work mentioned in Schedule-B from this order in Various divisions/ substation under Transmission Circle-Amreli.**

Note: Qty. of work is to be change in any place of substation/Line under Amreli Circle. S.E. is empower to change the location as per requirement.

Safety Clause - (Penalty clause)

1. The Contractor shall follow and comply with all GETCO Safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservations. In case of any discrepancy between statutory requirement and GETCO Safety Rules referred above, the latter shall be binding on the Contractor unless the statutory provisions are more stringent.
    1. In case if any safety related fatal Elect. / Mech. accident occurred to any employee of agency or outsider due to negligence or non-compliance of GETCO safety norms then in addition to the compensation and liability as per statutory requirement, contractor / agency shall be penalized as under:

Sr. No	Amount of Contract in Rs.	Penalty amount per person
1	Up to Rs. 1 Lac	Rs. 5000/- plus GST as applicable
2	Above1 Lac to Rs. 10 Lacs	Rs. 40000/- plus GST as applicable
3	10 to Rs. 100 Lacs	Rs. 100,000/- plus GST as applicable
4	> 100 Lacs	1.0 % of contract value plus GST as applicable

2. **Reporting**:-
    1. The contractor shall inform concerned Ex. Engineer Const/TR in writing within 24 hours of fatal/Non-fatal accident occurred to human being.
    2. The GETCO investigating officer findings in to accident shall be final and binding to the contractor /Agency.
3. Safety Requirement:
    i) Kick off Meeting exclusively for safety shall be done in each contract in presence of contractor's site in charge and supervisor. Safety document shall be handed over and vital safety norms and key points of safety related to project shall be explained and recorded for commitment by erection contractor. Such records are mandatory for clearing first erection bill.
    ii) During site visit by GETCO official of Executive Engineer and above rank, the following checks during execution of work shall be covered.
        I. Safety equipment available and utilize.
            (a) Helmet.
            (b) Safety belt.
            (c) Safety shoes.
            (d) Live line Voltage detector
        II. Safety procedure adopted.
            (a) Permit to work
            (b) Earthing at the place of work.
            (c) Adequate supervision.
        III. T & P physical Check. (Healthiness and Quality)
            (a) P. P. rope.
            (b) Wire rope and sling.
            (c) Earthing rod
        IV. If above-mentioned safety requirements found violated in any of the above three conditions shall attract penalty of Rs.1000/-per occasion. (Max.Rs.3000/--for violation of three conditions)
        V. During subsequent visit, if violation is found, then double penalty shall be deducted from the bill of the Contractor/Agency.

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. 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.

3. 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 property maintained by the contractor and will be promptly produces as and when desired by Engineer or by the person authorized.

4. The contractor shall provide suitable safety equipment of prescribed standard to all employees and workmen according to the need.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. No repair work shall be carried out on any live equipment. The equipment must be declared safe by the Engineer and a permit to work shall be issued by the Engineer before any repair work is carried out by the contractor. While working on electric lines/ equipment, whether live or dead, suitable type and sufficiently quantity of tools will have to he provided by the contractor to electricians/ workmen/ officers.

11. 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.

12. 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.

13. 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.

14. it is mandatory for the contractor to observe during the execution of the works, requirements of safety rules which would generally include but not limited to following;
    a. Each employee shall be provided with initial indoctrination regarding safety by the contractor, so as to enable him to conduct his work in a safe manner.
    b. No employee shall be given a new assignment of work unfamiliar to him without proper introduction as to the hazards incident thereto, both himself & his fellow employees.
    c. Employee must not leave naked fires unattended, smoking shall not be permitted around fire prone areas and adequate firefighting equipment shall be provided at crucial location.
    d. There shall be a suitable arrangement at every work site for rendering prompt and sufficient first aid to the injured.

e. Requirements of ventilation in underwater working to licensed and experienced divers, use of gumboots for working in slushy or in inundated conditions are essential requirements to be fulfilled.

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

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

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

ANNEXURE-A

OUR ENDEVOUR - Safety a habit

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

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

Indoor safety precaution	Outdoor safety precaution
The method of work required T&P and manpower should be discussed between GETCO supervisor, contractor's supervisor and gang leaders.	The method of work required T&P and manpower should be discussed between GETCO supervisor, contractor's supervisor and gang leaders.
Prior to execution of work a joint survey must be conducted by GETCO supervisor and contractor's supervisor for risk assessment. • Clearly identify the work location, to distinguish between the equipment that is dead and other equipment / part that maybelive. • Disconnect equipment from supply. • Protect against other live parts. • Take special precautions when close to bareconductors / 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 : a. HT/LT line or tap line crossing under each span of line of the work. b. Isolation point of each line crossing. c. Each line crossing & isolation point under each span must be discussed and noted in maintenance register with sketch.
Following safety guidelines are mandatory for all contractors operating in GETCO premises for Electrical, non-electrical & civil works. 1. The contractors must provide advance planning of work to concerned in-charge of substation in writing. 2. Before starting any work whether switch yard, "permit toallow to work" must be taken from control room in-charge. 3. Utilizing Electrical / non-electrical Equipment, safety rules must be implemented. 4. If the work is to be carried out on day or public holiday, the necessary permission must be taken in advance, requesting in writing. 5. Unwanted person including children of labours will not be allowed at working site/ in the switchyard and in the prohibited area. 6. Any electrical work or electrical connections to equipment for any other	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

work must be carried out by certified 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.	power line crossing.
All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, etc, duly approved by GETCO.	All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, Live line detector etc, duly approved by GETCO.
The local earthing must be done at the place of work before execution of any work.	The local earthing must be done at the place of work before execution of any work.
11 kV breaker in panel must be switched off and racked out only after ensuring no voltage in breaker and without door opening.	Circuit breaker opening is not an isolation and isolator on either side must be opened. No work during rains and cloudy weather condition.
	Transmission line activities. 1) Used of Voltage detector to ensure outage. 2) Earthing at three point, local, left & right side of bus bar / string bus. 3) Match line colour code with colour of wrist band.
	Local earthing of electrical equipments like filter M/c, welding machine, testing kits etc. is must. Crane shall only be used for material handling and erection. Working platform shall only be used for work in switchyard.

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, MGVCL, 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 "**Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO."** 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. Bidders are requested to pay an earnest money deposit for Work (As per GUVNL Purchase Policy 2016) by RTGS/ NEFT/ Online mode for the amount as specified in the tender notice
   b. Payment of Earnest Money Deposit (EMD) can be accepted by RTGS/NEFT/Online only.
   c. Earnest Money Deposit (EMD) in form of DD/Banker's Cheque/Pay Order/ Bank Guarantee are not allowed. If bidder submit the DD/Banker's Cheque/Pay Order/ Bank Guarantee for Tender Fee and EMD, in that case the same tender will not be considered.
   d. Tenders not accompanied by EMD shall be rejected.
   e. 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.
   f. 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.
   g. 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.
   h. **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**.
   i. 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.
   j. The Certificates should indicate the manufacture of items offered.
   k. Government or Semi-Government Organizations, which are being run departmentally & are not Limited Companies, will be eligible for exemption from payment of EMD.
   l. 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. **Submission and Evaluation of Documents / Clarification:**

   6.1 The Bidder shall submit/upload all the documents, certificates, declarations, statements and other information required under the Tender Document along with its original online bid within the stipulated date and time for submission of bids. The Bidder Clause shall be solely responsible for

ensuring completeness, correctness, legibility and validity of all such documents.

6.2 The Technical/Qualification Requirement (QR) evaluation of the bid shall be carried out only on the basis of the Data / Details /Documents submitted/uploaded by the Bidder as part of its original online offer on or before the stipulated last date and time for submission of the bid.

6.3 After the stipulated last date and time for submission of bids, no new, additional, substitute or replacement document shall be accepted or considered for establishing or improving the eligibility, Qualification Requirement (QR), technical qualification or experience of the Bidder.

6.4 In case any document, certificate, work order, completion certificate, experience certificate, registration certificate or other document required for establishing the eligibility/QR of the Bidder has not been submitted/uploaded with the original online bid, the same shall not be subsequently submitted or considered for establishing or improving the eligibility/QR of the Bidder.

6.5 The Owner/Tendering Authority may, wherever considered necessary, seek clarification only in respect of the Data /Details / Documents already submitted/uploaded by the Bidder with its original online offer, provided that such clarification does not result in any change, addition, substitution or improvement in the substance of the original bid or in the eligibility/QR of the Bidder.

6.6 No clarification shall be sought or accepted for introducing a new experience, new work order, new completion certificate or any other new document which was required to be submitted with the original online bid but was not submitted/uploaded within the stipulated bid submission period.

6.7 No post-bid clarification or document submitted voluntarily by the Bidder shall be considered for evaluation. Any clarification, if required by the Owner/Tendering Authority, shall be sought in writing and shall be limited to the original online submission.

6.8 In case the required Data / Details /Documents are not available in the original online offer, the bid shall be evaluated on the basis of the documents actually submitted/uploaded with the original online bid and dealt with in accordance with the Tender conditions.

6.9 In case any document uploaded/submitted by the Bidder along with the original online bid is found to be unreadable, illegible, corrupted, damaged or otherwise not accessible/openable, the Owner/Tendering Authority may seek clarification/re-submission only for such document(s) which are specifically required as per the duly filled online Annexures submitted by the Bidder, and only to the extent permissible under the Tender Conditions.

If the Bidder has not duly filled the relevant online Annexure(s), or has merely mentioned "As per attached documents" or any similar general remark in place of providing the required details in the prescribed Annexure(s), then no further communication, clarification or opportunity for submission/re-submission of such document(s) shall be entertained, and the bid shall be evaluated on the basis of the documents/data available in the original online offer.

The responsibility for ensuring that all uploaded documents are complete, properly filled, legible, accessible, valid and correctly linked/referenced through the prescribed Annexures shall rest solely with the Bidder.

7. Evaluation of Online Offer:

''Tender shall be evaluated on the basis of the Data/Details / Documents forming part of the original online offer submitted/uploaded by the Bidder on or before the stipulated last date and time for submission of the bid.

No new, additional, substitute or replacement / document submitted after the stipulated last date and time for submission of the bid shall be considered for establishing or improving the eligibility, Qualification Requirement (QR), technical qualification or experience of the Bidder.

Clarification, if any, shall be governed strictly by Clause No. 6 of the Tender Document and shall not result in any change or improvement in the substance of the original bid."

8. **Online Annexures and Supporting Documents:**

Bidders shall fill all online Annexures, wherever required, and shall upload all supporting authentic documents as specified in the Tender Document.

The Bidder shall ensure that all documents required for establishing eligibility, Qualification Requirement (QR), technical qualification and experience are duly uploaded/submitted along with the original online bid within the stipulated date and time for submission of the bid.

The responsibility for submission/uploading of complete and valid documents required under the Tender Document shall rest solely with the Bidder.

In case any required Data/Details/Documents are not submitted/uploaded with the original online bid, the same shall not subsequently be accepted or considered for establishing or improving the eligibility/QR, except for clarification strictly within the scope permitted under Clause No. 6.

The Owner reserves the right to evaluate the bid on the basis of the Data / Details /Documents available in the original online offer and in accordance with the provisions of the Tender Document."

9. Performance Certificate / Certificate of Satisfactory Completion of work:

The Performance Certificate / Certificate of Satisfactory Completion submitted against the qualifying work experience shall be issued by the competent authority of the organization for which the work was executed, as under;

1. **For works executed for GETCO: The Performance Certificate / Certificate of Satisfactory Completion shall be issued and signed by the Chief Engineer of the concerned/related department of GETCO under whose jurisdiction the work was executed.**

2. For works executed for other Government Departments Government Organizations / PSUs /Boards / Corporations / Local Authorities or other organizations: The Performance Certificate Certificate of Satisfactory Completion shall be issued and signed by the Order Placing Authority of the concerned organization, or by an officer duly authorized by the Order Placing Authority to issue such certificate.

3. The certificate shall clearly indicate, at minimum, the name of the work, Work Order/Contract No. and date, name of the contractor, scope/nature of work, contract value, actual executed value, date of commencement, date of and completion performance/completion status of the work.

4. Certificates issued by any other officer/authority not meeting the above requirements shall not be considered for establishing the requisite qualifying experience, unless specifically accepted under the provisions of the tender. For Civil Works, the certificate shall also indicate the amount of penalty /Liquidated Damages (LD), if any, levied/recovered for extension of time/delay in completion of the work. Further, the certificate shall indicate the actual quantum of major works executed, such as Concrete/RCC, Reinforcement, Pile Diameter, number length/depth other major/specialized items relevant to the qualifying criteria prescribed in the tender. of piles, total pile and

5. The Tender inviting authority reserves the right to verify the authenticity of the Performance Certificate of Satisfactory Completion and the particulars stated therein from the concerned client organization.

6. Also if required, work placing authority may ask the supply documents from the bidder like work order, work completion certificate etc.

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

13. **Security deposit**: - The 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**. 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

a)Guarantees issued by following Banks will be accepted as SD on permanent basis;

1. All Nationalized Banks.

b) Guarantees issued by following ***Banks listed in the latest GR . No.: GETCO/GM(F&A)/Bank Guarantee 26-27/42 Date:08.04.2026. GETCO circular No. 1/ 2026-27.(Ref:FD/MSM/e-file/4/2025/2712/D.M.O/ dated:01.4.2026) will be accepted as SD for the period up to 31/03/2027.*** 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. A U 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
15. IDFC First Bank
16. Induslnd Bank
17. Jammu and Kashmir Bank
18. Jana Small finance Bank
19. Karnataka Bank
20. Karur Vysya Bank
21. Kotak Mahindra Bank
22. RBL Bank
23. South Indian Bank
24. Standard Chartered Bank
25. Tamilnadu Mercantile Bank
26. Ujjivan small finance Bank
27. Yes Bank
28. Ahmedabad Mercantile Co-Operative Bank
29. Nutan Nagrik Sahakari Bank Ltd.
30. Rajkot Nagrik Sahakari Bank Ltd.
31. Saraswat Co-operative Bank Ltd.
32. SBPP Co-Operative Bank Ltd
33. SVC Co-operative Bank
34. The Cosmo Co-Op Bank Ltd
35. The Gujarat state Co-operative Bank
36. The Surat District Co-Operative Bank
37. The Surat People's Co-Operative Bank Ltd.
38. The Baroda Central Co-Operative Bank
39. The Panchmahal District Co-Operative Bank
40. The Kalupur Commercial Co-Operative Bank
41. The Rajkot Commercial Co-Operative Bank
42. The banaskantha Mercanttile Co-OP. Bank
43. Gujarat Gramin Bank

SD will be refundable after completion of Guarantee period from Date of completion of satisfactory of work or finalization of final bill whichever is later . Earnest money will be liable to be forfeited if (1) If Tender is withdrawn during validity of the offer and (2) The tenderer fails to deposit the security deposit.

14. ***Contract Period: -*** The time allowed for completion the whole work is **24(Twenty Four) Months** from the date of the commencement of the work/issuance of AT, failing which the penalty @½% 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.

    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.

    However, if the amount remains pending in ARC, extension may be given up to completion of amount with mutual understanding. Further if required, the ARC may be extended for one year with mutual understanding with the same rate and terms and condition.

15. **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 SGSCT Act, 2017and 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 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.

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.

On forfeiture of EMD, SD or guarantee under the terms and condition of this tender, applicable GST will also be recovered from the bidder/ contractor and GETCO reserves all rights of such recovery of such forfeited amount along with GST

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.

16. **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

17. **WELFARE CESS: -**

a. On receipt of A/T, the 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. Before release of payment of subsequent R.A. Bill, the contractor has to submit the documentary evidence of payment of welfare cess of previous R.A. Bill.
h. **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.**
i. 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.

18. **The 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.**
19. **The 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.**

20. ***Also, the successful bidder will have to execute Agreement on stamp paper of value Rs.300/- at our Transmission Circle, GETCO, Amreli before commencement of works as per GETCO's prescribed Performa.*** **The cost of stamp paper will be borne by the contractor.**
21. **Guarantee**: - **It is the responsibility of the contractor to handover the complete work free of all defects. If within a period of 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**.

22. 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.
23. 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.
24. **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.**
25. 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.
26. **No part rate or reduced rate shall be allowed in final bill.**
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. No higher rate or revised rate will be applicable for the work, if work is held up/ closed due to whatever so reasons.
34. **GETCO will not pay any idle charge for any site conditions or any circumstances.**
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 **of Executive Engineer of AM 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 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 will be rightly rejected without assigning any reason thereof and decision of Superintending Engineer,GETCO, Amreli will be final and unchallengeable**.
43. The Contractor will be governed by The GETCO's general conditions of works contract. The Booklet will be available in the concerned office in any working days. In the event of placing order, the contractor will have to sign this booklet along with other document and agreement. All the usual terms and conditions of the GETCO, through the same might have not been mentioned in this specification or contractor booklet will applicable to this contract, and the decision of the Superintending Engineer shall be binding on the contractor.
44. 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.
45. Specification in any items mentioned in tender are subject to change without any prior notice and binding to the contractor.
46. 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.
47. 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.
48. **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**
49. **For shortages of any materials issued by the GETCO for the work, recovery shall be made from you, on the basis of prices of the materials (prevailing on the date of settlement of materials account) plus 15% supervision charges plus GST As applicable.**
50. No subcontractor, Power of Attorney shall be allowed without prior approval of competent authority
51. 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 actions. Similarly as per instruction of Engineer in charge, you have to credit the material at GETCO store without any loss of time failing to which GETCO shall initiate legal action
52. No tools, tackles, manpower, crane facilities etc. will be provided by the GETCO.
53. The contractor has to submit the list of tools, tackles, equipments with him along with his tender offer. The tender without this list and other required documents (as mentioned above herein the tender) should be rejected out rightly.
54. **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**.
55. **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, GETCO,Circle office-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.

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.

56. 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.
57. 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.
58. 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.
59. 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.
60. **Delivery of Material: -** All material/ equipment required for this work as per schedule shall be delivered at any store centers of Amreli circle jurisdiction or any store of GETCO. and contractor has to take delivery from these stores at his own cost only. **All material/ equipment required for this work as per schedule shall be arranged by contractor.**
61. 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.

62. **Billing and Payment Terms**

(a) The contractor shall have to submit the RA bill of order to the concerned Deputy Engineer/In-charge engineer of sub-division of concerned division for payment. **Each Sub-Order shall be treated as First and Final Bill.**

(b) For each Sub-Order, all statutory liability shall be full fill as per GOG/GETCO's Rules and Regulations.

(c) The material account shall be finalized for each Sub-Order, and not to carry out up to Final Bill. Also, the liability towards for each Sub-Order and all terms and Conditions shall be applicable as per prevailing practice and guideline of Competent authority. Hence, being a Sub-order is First as Final for Billing the liability towards release payment for Sub-Order.

(d) 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 work against R.A. bills duly certified by EIC within 60 days from the date of R.A.Bill.

(e) Balance 10% of erection value shall be paid within 60 days against completion of work only after settlement of material account statement of items supplied, used, and credited the balance material ,erected and successful completion of work the same amount will be release in final bill only and payment will be made only after passing of final 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) GETCO shall deduct the Income-Tax and other taxes as per prevailing rules from each and every bill.

(j) Any outstanding recoveries of GETCO for any other than this transaction or anywhere done in GETCO can be recovered from this Contractor's /Suppliers' payment which is authentically approved by competent authority.

"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."

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**"

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;

63. 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.

64. 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.

65. The erection work beyond contractual ceiling amount shall be done only after approval from the GETCO authority.

66. **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.

67. 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.

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

69. The laws applicable by the contract shall be the laws in force in India. The courts of Amreli shall have exclusive jurisdiction in all the matters arising under this contract.

70. The contractor will have to deploy minimum 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.

71. **FORCE MAJEURE**

1.Force majeure is herein defined as anycausewhich 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:

a. Natural phenomena, including but not limited to floods, droughts, earthquakes and epidemics;

b. 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.

2. The Contractor or the Owner shall not be liable for delays in performing his obligations resulting from any force majeure 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.

72. **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.

73. **CONTRACTOR`S DEFAULT**

3 If the Contractor shall neglect to execute the works with due diligence and expedition or shall refuse or neglect to comply with any reasonable order given to him, in writing by the 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 thirty (30) days from the date of serving the notice, then and in such case the Owner shall be at liberty to employ other workmen and forthwith execute such part of the works 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 hands and re-contract with any other person or persons to complete the works or any part thereof and in that event the Owner shall have free use of all Contractor's equipment that may 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, 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 works 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, Owner shall pay the balance to the contractor. For facilitating such payment, Owner shall encash the Bank Guarantees of Contactor available with Owner/s and retain such other payment due to the Contractor under the Contract in question or any other Contract that the Owner/s may have with the 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 works is delayed.

4 In addition, such action by the Owner as aforesaid shall not relieve the Contractor of his liability to pay liquidated damages for delay in completion of Works as defined in Clause 14.0 of this Section.

5 Such action by the Owner as aforesaid the termination of the Contract under this clause shall not entitle the Contractor to reduce the value of the Contract Performance Guarantee nor the time thereof. The Contract Performance Guarantee shall be valid for the full value and for the full period of the Contract including guarantee period.

74. TERMINATION OF CONTRACT ON OWNER`S INITIATIVE

1. The Owner reserves the right to terminate the Contract either in part or in full due to reasons other than those mentioned under clause entitled 'Contractor's Default'. The Owner shall in such an event give fifteen (15) days notice in writing to the Contractor of his decision to do so.

2. The Contractor upon receipt of such notice shall discontinue the work on the date and to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and Contracts to the extent they are related to the work terminated and terms satisfactory to the Owner, stop all further sub-contracting or purchasing activity related to the work terminated, and assist Owner in maintenance, protection, and disposition of the works acquired under the Contract by the Owner.

In the event of such a termination the Contractor shall be paid compensation, equitable and reasonable, dictated by the circumstances prevalent at the time of termination.

3. If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies and if the Contractor is a partnership concern and one of the partners dies then unless the Owner is satisfied that the legal representatives of the individual Contractor or of the proprietor of the propriety concern and in the case of partnership, the surviving partners, are capable of carrying out and completing the Contract the Owner shall be entitled to cancel the Contract as to its incomplete part without being in any way liable to payment of any compensation to the estate of deceased Contractor and/or to the surviving partners of the Contractor's firm on account of the cancellation of the Contract. The decision of the Owner that the legal representatives of the deceased Contractor or surviving partners of the Contractor's firm cannot carry out and complete the Contract shall be final and binding on the parties. In the event of such cancellation the Owner shall not hold the estate of the deceased Contractor and/or the surviving partners of the estate of the deceased Contractor and/or the surviving partners of the Contractor's firm liable to damages for not completing the Contract.

75. FRUSTRATION OF CONTRACT

1. In the event of frustration of the Contract because of supervening impossibility in terms of Section 56 of the Indian Contract Act, parties shall be absolved of their responsibility to perform the balance portion of the Contract, subject to provisions contained in sub-clause 45.3 below.

2. In the event of non-availability or suspension of funds for any reasons, whatsoever (except for reason of willful or flagrant breach by the Owner) and/or Contractor then the works under the Contract shall be suspended.

   Furthermore, if the Owner is unable to make satisfactory alternative arrangements for financing to the Contractor in accordance with the terms of the Contract within three months of the event, the parties hereto shall be relieved from carrying out further obligations under the Contract treating it as frustration of the Contract.

3. In the event referred to in sub-clauses 45.1 & 45.2 above the parties shall mutually discuss to arrive at reasonable settlement on all issues including amounts due to either party for the work already done on quantum merit_ basis which shall be determined by mutual agreement between the parties.

76) GRAFTS AND COMMISSIONS ETC.

Any graft, commission, gift or advantage given, promised or offered by or on behalf of the Contractor or his partner(s), agent(s), officer(s), director(s), employee(s) or servant(s) or any one on his or their behalf in relation to the obtaining or to the execution of this or any other Contract with the Owner, shall in addition to any criminal liability which it may incur, subject the Contractor to the cancellation of this and all other Contracts and also to payment of any loss or damage to the Owner resulting from any cancellation. The Owner shall then be entitled to deduct the amount so payable from any monies otherwise due to Contractor under the Contract.

E. RESOLUTION OF DISPUTES

77) 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.

78) ARBITRATION

(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."

79) RECONCILIATION OF ACCOUNTS

The Contractor shall prepare and submit every two months, a statement covering payments claimed and the payments received vis-a-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.

80) 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.

81). 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.

82) POWER TO VARY OR OMIT WORK

1. No alterations, amendments, omissions, suspensions or variations of the Works (hereinafter referred to as 'variation') under the Contract as detailed in the Contract Documents, shall be made by the Contractor except as directed in writing by the Engineer, but the Engineer shall have full powers subject to the provisions hereinafter contained, from time to time during the execution of the Contract, by notice in writing to instruct the Contractor to make such variation without prejudice to the Contract. The Contractor shall carry out such variation and be bound by the same conditions as far as applicable as though the said variations occurred in the Contract Documents. If any suggested variations would, in the opinion of the Contractor, if carried out, prevent him from fulfilling any of his obligations or guarantees under the Contract, he shall notify the Engineer thereof in writing and the Engineer shall decide forthwith whether or not, the same shall be carried out and if the Engineer confirms his instructions, the Contractor's obligations and guarantees shall be modified to such an extent as may be mutually agreed. Any agreed difference in cost occasioned by any such variation shall be added to or deducted from the Contract Price as the case may be.

2. In the event of Engineer requiring any variation, a reasonable and proper notice shall be given to the Contractor to enable him to work his arrangement accordingly, and in cases where goods or materials are already prepared or any design, drawings or pattern made or work done as per the contract requires to be altered, a reasonable and agreed sum in respect thereof shall be paid to the Contractor.

3. In any case in which the Contractor has received instructions from the Engineer as to the requirement of carrying out the alterations or additional or substituted work which either then or later on, will in the opinion of the Contractor, involve a claim for additional payment, the Contractor shall immediately and in no case later than thirty (30) days, after receipt of the instructions aforesaid and before carrying out the instructions, advise the Engineer to that effect. But the Engineer shall not become liable for payment of any charges in respect of any such variations, unless the instructions for the performance of the same shall be confirmed in writing by the Engineer.

4. If any variation in the Works results in reduction of Contract Price, the parties shall agree, in writing, so to the extent of any change in the price, before the Contractor proceeds with the change.

5. In all the above cases, in the event of a disagreement as to the reasonableness of the said sum, the decision of the Engineer shall prevail.

6. Notwithstanding anything stated above in this clause, the Engineer shall have the full power to instruct the Contractor, in writing, during the execution of the Contract to vary the quantities of the items or groups of items in accordance with the provisions of clause entitled 'Change of Quantity' in section GCC of this Volume-I. The Contractor shall carry out such variations and be bound by the same conditions as though the said variations occurred in the Contract Documents. However, the Contract Price shall be adjusted at the rates and the prices provided for the original quantities in the Contract.

83. CHANGE OF QUANTITY

1. During the execution of the Contract, the Owner reserves the right to increase or decrease the quantities of items under the Contract but without any change in unit price or other terms & conditions. Such variations unless otherwise specified in the accompanying Special Conditions of Contract and/or Technical Specifications, shall not be subjected to any limitation for the individual items but the total variations in all such items under the Contract shall be limited to a percentage of the Contract price as specified in the Special Conditions of Contract.
2. The Contract price shall accordingly be adjusted based on the unit rates available in the Contract for the change in quantities as above. The base unit rates, as identified in the Contract shall however remain constant during the currency of the Contract, except as provided for in Clause 33.0 below. In case the unit rates are not available for the change in quantity, the same shall be subjected to mutual agreement.

84. COOPERATION WITH OTHER CONTRACTORS AND CONSULTING ENGINEERS

The Contractor shall agree to cooperate with the Owner's other Contractors and Consulting Engineers and freely exchange with them such technical information as is necessary to obtain the most efficient and economical design and to avoid unnecessary duplication of efforts. The Engineer shall be provided with three copies of all correspondence addressed by the Contractor to other Contractors and Consulting Engineers of the Owner in respect of such exchange of technical information, wherever needed.

SPECIAL COMMERCIAL CONDITION FOR TENDERER

1. TAKING DELIVARY AND INSURANCE: -

1.1 The contractor has keep S/S 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's 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 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.

2. STORAGE-CUM-ERECTION INSURANCE: -

2.1 **STORAGE-CUM-ERECTION INSURANCE**: 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, erection and commissioning up to the time of taking over of S/S or line by GETCO. However, if 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 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.

2.2 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, RA Bill payment will be withheld.

2.3 The contractor has to take delivery of tower materials/lines materials from the GETCO's store Amreli and transport it to the respective tower erection sites and will be responsible for any damages to or loss of all materials at any stage during the Transportation or erection. The materials that will be issued by the GETCO will be in 'AS IS WHERE IS' conditions at the store centre of the GETCO in the area during working hours' days. All the materials received by the contractor shall be got insured for storages and erection risk by the contractor at his own cost. An indemnity Bond/Bonds have to be issued by the contractor for the materials take over by him for erection.

2.4 On completion of the work all surplus tower and line materials including the excess Bolts & Nuts and stub 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.

2.5 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.

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.

3.4 **Workmen's Compensation Insurance**

This insurance shall protect the Contractor against all claims applicable under the Workmen's Compensation Act, 1948 (Government of India). This policy shall also cover the Contractor against claims for injury, disability, disease or death of his or his SubContractor's employee, which for any reason are not covered under the Workmen's Compensation Act, 1948. The liabilities shall not be less than:

Workmen's Compensation : As per statutory Provisions
Employee's liability : As per statutory Provisions

3.5 **Comprehensive General Liability Insurance**

The insurance shall protect the Contractor against all claims arising from injuries, disabilities, disease or death of members of public or damage to property of others, due to any act of omission on the part of the Contractor, his agents, his employees, his representatives and Sub-Contractors or from riots, strikes and civil commotion.

3.6 The hazards to be covered will pertain to all the works and areas where the Contractor, his agents and his employees have to perform work pursuant to the Contract.

3.7 The above are only illustrative list of insurance covers normally required and it will be the responsibility of the Contractors to maintain all necessary insurance coverage to the extent both in time and amount to take care of all his liabilities either direct or indirect, in pursuance of the Contract.

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.

3.4 **Workmen's Compensation Insurance**

This insurance shall protect the Contractor against all claims applicable under the Workmen's Compensation Act, 1948 (Government of India). This policy shall also cover the Contractor against claims for injury, disability, disease or death of his or his SubContractor's employee, which for any reason are not covered under the Workmen's Compensation Act, 1948. The liabilities shall not be less than:

Workmen's Compensation : As per statutory Provisions
Employee's liability : As per statutory Provisions

3.5 **Comprehensive General Liability Insurance**

The insurance shall protect the Contractor against all claims arising from injuries, disabilities, disease or death of members of public or damage to property of others, due to any act of omission on the part of the Contractor, his agents, his employees, his representatives and Sub-Contractors or from riots, strikes and civil commotion.

3.6 The hazards to be covered will pertain to all the works and areas where the Contractor, his agents and his employees have to perform work pursuant to the Contract.

3.7 The above are only illustrative list of insurance covers normally required and it will be the responsibility of the Contractors to maintain all necessary insurance coverage to the extent both in time and amount to take care of all his liabilities either direct or indirect, in pursuance of the Contract.

4.0 PENALTY FOR DELAY:-

1. **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.***

2. *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.*
3. 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.
4. Any delay causing extension of outages shall be contractor's responsibility and appropriate amount (in term of Rupees) as decided by Ex. Engineer (TR), Amreli shall be recovered from Contractor's bill as a penalty.

5.0 Taxes and Duties:

3.5.1 As regards the income Tax, surcharge on income tax and any other corporate tax, Excluding GST and excluding welfare cess at prevailing rate the owner shall not bear any tax liability whatsoever. The bidder shall be liable and responsible for payment of such taxes as attracted under the provisions of the law.

3.5.2 Not with standing the tax liabilities as per the sub-clause14.1 above the owner shall have the right to make deduction at source from the amounts payable to the contractor in respect of Income Tax (on the cost of items of supply included in the works contract) as may be mandatory in terms of the law. The owner shall not bear any liability in this regard but shall issue necessary certificate in respect of such deduction made.

3.5.3 In case any tax or duty is newly introduced by the Government applicable for this contract with effect from the next day of the date submission of the bid and if the contractor is required to pay additional tax or duty, then the owner shall reimburse the contractor the additional tax or duty so paid by the contractor against submission by the contractor of documentary evidence to the satisfaction of the owner. This provision will not be applicable to transaction between the contractor and his sub-contractors. Besides the said statutory variation, no other statutory variation shall be payable by the owner.

3.5.4 The owner's liability for all taxes and duties under the contract shall be limited to those indicated by the Bidder in the Sign & Seal of Contractor Page 8 Bid Proposal Sheets, subject to the statutory variations and variations as per Clause No. 14.3. If the cost to the Contractor during the performance of the 'Contract' shall be increased or reduced by reasons of the making, passing or promulgation of any law after the date of submission of bid or by any order, regulation or bye-law having the force of law the amount of such increase or reduction shall be added to or deducted from the "Contract Price" as the case may be for direct transactions between contactor & owner, and not for bought out items. It is the Bidders responsibility to furnish details of taxes, duties, levies etc. applicable as on the date of submission of the bid.

3.5.5 No claim for any increase towards the statutory variation regarding enhancement of existing tax or duty or introduction of a new tax or duty applicable shall be entertained by the Owner during the extended period of contract, if any, provided the extension of the contract is required by causes attributable to the contractor.

3.5.6 The provision of statutory variation regarding enhancement of existing tax or duty or introduction of a new tax or duty will be applicable only to the direct transaction between the contractor and the owner.

3.5.7 Before quoting, the bidder may ascertain from the concerned tax authorities of Government of Gujarat the applicability of Work Contract Tax. Entry Tax, GST etc. in respect of this work and include the same in the quoted price. No separate claim in this regard will be entertained by the Owner, as it is the responsibility of the Bidder to pay all these taxes.

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.

a) 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.

b) 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 withheld or retained under this clause and as may be duly notified to the contractor.

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 contact 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 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

GENERAL TECHNICAL CONDITIONS

1. The successful tenderer will have to make his own arrangements to procure the necessary equipment, tools-tackles required for job**.** No tools and tackles, crane, men, material etc. will be provided by the GETCO

2. The work is to be executed in all respect as per the instructions of Engineer-in-charge by arranging all required materials tools, tackles equipment including labours , transportation etc. GETCO will not pay anything extra on this account.

3. The GETCO reserves the rights of retrenching and dismissing any person employed for the work if there is complaint against his misbehavior, misconduct or disloyalty towards job.

4. he contractor shall ensure that all persons are provided with the safety tools, shoes, etc. as may be required from safety point of view and all his persons shall follow the instructions issued by the GETCO from time to time related with the safety and security to carry out the work.

5. GETCO shall not be liable for any damages or compensation for any injury or for any accident occurred to any person engaged by the contractor. The contractor shall keep the GETCO indemnified thereof.

6. The contractor shall be liable for making good all damages/losses arising out of workmanship, breakages, pilferage, etc. to the GETCO.

7. The contractor will be fully responsible for any shortages, breakages or damages to the materials and its accessories that may occur during work etc. It is to be properly worked and handed over to GETCO after completion of the job in a satisfactory manner. The cost of any such shortages, breakages or damages if any will be recovered from the contractor for which the assessment will be done by our field officer at his sole discretion and his decision will be binding to the contractor.

8. The contractor shall be responsible for any accident or damage to private, public properties etc. during any of activity for execution of above job.

9. The successful tenderer will have to indemnify the GETCO against any possible claim of compensation for damage to his equipment or for injury to him, or fatal/non-fatal accident to human life, his staff or any other person during execution of the above job. If for any reasons the GETCO is called upon to pay such claim or compensation, the same will be recovered from him or his bills.

10. The contractor or his experienced authorized person should always be present at the site during all the activities for execution of the job.

11. The quantum of the work as mention in estimate/ schedule –'B' is tentative and it can be very differ as per site condition. The payment shall be made only on actual work executed or order quantity, whichever is less.

12. **Amendment of tender** At any time prior to the submission of tenders, the GETCO may, for any reason, whether at his own initiative or response to a clarification requested by bidder, modify the Tender conditions by amendment. The amendment will be issued on n code/GETCO web site all bidders, which will be binding to them.

13. **Site visit:**

(i) The bidder is advised to visit the site and examine the site condition. Where in the work is proposed to be carried out and to get himself fully Acquainted at his own responsibility for all information that may be Necessary. All cash and Liabilities arising out of the site visit shall be at Bidder's account.

(ii) The contractor shall be deemed to have carefully examined the work & site Conditions, the general conditions, the special conditions, specifications, Schedules, drawings shall be deemed to have visited the site of the works & to have fully informed himself regarding the local conditions. Tender shall have to be filled up before quoting the rate, for confirmation of site visit.

(iii) If there shall have any doubts as to the meaning of any portion of these general conditions or special conditions of the scope of work of the specifications or any other matter concerning the contract, he shall in good time before submitting his tender, send for the particulars thereof & submit them to the Engineer in writing in order that such doubt may be removed.

14. FACILITIES TO BE PROVIDED BY THE CONTRACTOR

1. Tools, tackles and scaffoldings

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

2. First-aid

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

3. Cleanliness

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

4. FIRE PROTECTION

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

All the Contractor's supervisory personnel and select number of workers shall be trained for fire fighting. Enough of such trained personnel must be available at the Site during the entire period of the Contract.

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

16. **Testing :-** Complete installation shall be put to the necessary test as required and should be approved by Government Electricity Inspector.

17 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.

1. 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 copie

2. 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.**

3. 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.

4. PROGRESSREPORT

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.

5. MAN-POWERREPORT

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.

23. 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.

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. Cutting, bending, welding, brazing, wherever necessary is to be done by the contractor.
4. All the work related to the transmission line like detailed survey, check survey, tower/DP foundations, material testing, tower/DP erection, stringing, final testing, etc should be carried out as per GETCO'S standard FQP for transmission line.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
5. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO
6. 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.

7. While calculating the weight of stub-setting, the weight of stub, cleat & templetes shall also be added in stub weight.
8. The rates are with supply of cement by the contractor.
9. Red oxide & zinc rich paint shall be applied after tack welding of nuts.
10. 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
11. Contractor has to ensure safe shifting dragging erection of all equipments to comply with labour laws I.E. rules etc. All the works shall be carried out in accordance with latest rules under Electricity Act.
12. Earthing pit activities should be done in such a way in presence of GETCO supervisor that final earthing pit resistance should be record as per standard. All expenditure like sufficient watering to maintain earth resistance up to the mark should be born by contractor.
13. Contractor has to make arrangement for skill labours for assisting to commissioning engineer as an when require as per instruction of Engineer in charge.
14. 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.
15. All items / materials shall be installed / erected in accordance with specified manuals /technical guide lines of the manufacturer and as per instruction of EIC.
16. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.
17. 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.
18. Contractor has to submit the planning bar chart before starting the work in kickoff meeting.
19. Contractor has to complete all the work related to this title in stipulated outage period as per instruction of EIC
20. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO The contractor should employ as Supervisor with sufficient qualification and experience who can supervise the execution of work throughout. He should always be present on the site.
21. Time limit extension will be given if line material is not supplied in time and farmer's objection not cleared in time but if material given in time and farmer's objection cleared in time, then no time limit extension will be grant and penalty will be imposed as per rules.
22. The contactor shall co-operative with the GETCO in recording measurement etc

TECHNICAL SPECIFICATION FOR WORK

(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.
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.
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.
(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 Wring 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 mm^2 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 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.
3. 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 cuter 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 :-

1. 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.
2. 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.
3. 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) :-

1. 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.
2. For wall mounted fixture the cable shall be laid in wall, by using grooved wooden base block G.I. saddles, screw etc.
3. 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

(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 LUMINAIRES :-

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).

(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.

Technical specification and technical condition of Erection work

Dismantling & 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 charges 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.

Erection of 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 falls 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 in side 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 is to be paid.

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 is 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 are 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.

Bus bar connecting / Jumpring work.

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 is 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 are 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.

Control Cables Lying 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 Engineer-in-charge.
2 Cable should 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 are to be laid and clamped in side the cable trench as per the instruction of Engineer-in-charge.
4 Cable markers should be provided near by 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.
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 in side 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.

Sub-station structure 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.
5. For laying of earthing strip inside the sub-station yard for equipment and s/s structure contractor has to be carry out as per the specification is to be laid properly by making welding joint and bolt 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 bolt 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 are to be made over lapped with earthing strip.
10. The earthing mat laying should be done as per approved drawing.
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 drawing No: **GETCO/E/06S/STD/P-012 (sheet 1 to 24).**

MAINTENANCE FREE TREATED EARTHPIT

The bidder shall have to do the entire work of earth pits required for equipment earthing and for the pits at the corners of earth mat.

STANDARDS

The product and the equipment covered by this specification shall, unless otherwise specified be in line with the requirement of any of the latest applicable standards and will apply in order of priority as listed below:-
a) Indian Standards
b) IEEE 80
c) ANSI (American National Standards)
d) BS (British Standards)

EARTH PITS

All the Earth Pit shall be with special Ground electrodes supplied by Reputed Manufacturer. These special electrodes are provided with Ground enhancement material.

A. **EARTHING PRODUCT COMPONENT SPECS**

- The Earthing System should be based on use of Copper Bonded Earth Rods / Pipe electrode/PIP electrode (for corrosion resistance) and Ground Enhancement Material (to reduce Soil Resistivity).
- It should be capable of providing any ohmic value as specified by the client, by inter connection of ground rods to form a Grid.
- The system shall be totally maintenance free and require no periodic or scheduled maintenance for a period of at least 30 years.
- There shall be no requirement to add water or any other chemical any time after initial installation.
- There should be no requirement to have a inspection/maintenance chamber. The system shall provide constant low ohmic value for entire life cycle without any consideration for moisture or temperature conditions.
- The system shall be in use worldwide for a period of at least 20 years.
- The manufacturer shall be a company of international repute engaged in the field of Facility Electrical Protection work.

B. ELECTRODE:

(1) COPPER BONDED EARTH RODS

- **For 66kv Substations:**
  The Earth Rods shall have a nominal (actual) dia of 20mm (Min.) and length of 3 M(Min.).Itshall be capable of handling 25KA 1-sec short time current
- For 132KV,220KV & 400KV Sub-stations:
- The Rods shall have nominal (actual) dia of 38mm (Min.) and length of
- 3 M(Min.).It shall be capable of handling 40KA 1-sec short time current.
- The Rods shall have a steel core with molecular bonding of 250 micron of copper as per international standards.
- A nickel layer is applied to steel core (and subsequently copper) by an electrolytic process forming a metallurgical bond between the three.
- The copper used shall be type DHP alloy No. 122 CDA and rated at 99.95% copper. The thickness of copper layer shall be uniform 250 micron.
- The Rods should be manufactured by a company of high repute to ensure quality of Copper Bonding.
- Type test report(tested at NABL accredited laboratory) shall be submitted satisfying minimum STC of 25 KA-1Sec for 66kv S/S and for above class STC shall be 40 KA-1 Sec.
- Test report(tested at NABL accredited laboratory) of cu-coating shall be submitted satisfying our requirement of 250 micorn coating.

(2) PIPE or PIP (Pipe-In-Pipe) ELECTRODE

- **For 66kv Substations:**
  The pipe or pipe-in-pipe or flat-in-pipe electrode shall have a nominal(actual) outer dia. 50 mm & 2.5 mm thickness (Min.) and length of 3M(Min.) It shall be capable of handing 25KA 1-Sec short time current and shall have a molecular bonding of 250 micron of copper as per international standards.
- **For 132KV,220KV & 400KV Sub-stations:**
  The pipe or pipe-in-pipe or flat-in-pipe electrode shall have a nominal (actual) outer dia. 75.5 mm & 3 mm thickness (Min.) and length of 3M(Min.) It shall be capable of handing 40KA 1-Sec short time current and shall have a molecular bonding of 250 micron of copper as per international standards.
- In case of P-IP and flat-in-pipe, the portion between pipes shall be filled with the conductive material.

- Type test report (tested at NABL accredited laboratory) shall be submitted satisfying minimum STC of 25 KA-1Sec for 66kV S/S and for above class, STC shall be 40 KA-1 Sec.
- Test report (tested at NABL accredited laboratory) of cu-coating shall be submitted satisfying our requirement of 250 micron coating.

C. GROUND ENHANCE MENT MATERIAL / BACK FILL / GROUNDING COMPOUND

- Ground Enhancement Material/ Backfill / Grounding compound shall be permanent and maintenance free. (No re- charging with salts or any other chemicals) and shall maintain its earth resistance with time.
- Ground Enhancement Material/ Backfill / Grounding compound shall confirm IEEE 80-2000 Clause No.14.5 (d). Ground Enhancement Material/ Backfill / Grounding compound in its set form shall have resistivity of not more than 0.12 ohm-m.
- Ground Enhancement Material/ Backfill / Grounding compound shall comply the requirements and all applicable tests as per part-7 of IEC 62561. The same shall be tested at NABL accredited laboratory and reports are to be verified at site.

- Resistivity test using soil box
- Leaching test
- Sulfur determination
- Corrosion test

- It must set up firmly and not dissolve or decompose or otherwise pollute the soil or the local water table.
- It shall be suitable for use in dry form or slurry form.
- The Ground Enhancement Material/ Backfill / Grounding compound shall not depend on the continuous presence of water to maintain its conductivity.
- The material shall be carbon based conductive concrete and shall not contain bentonite in any form.
- Same shall be applicable for conductive material used for filling in case of P-I-P and Flat-in-Pipe type earth elelctrodes

D. CLAMP

- .Each Earth Rod/pipe/PIP must be provided with a suitable Cu plated clamp OR exothermic welding of Cu plated to facilitate interconnection of rods and connection to equipment each Bar using appropriate copper coated MS strip.

E. GUARANTEE

The product shall be guaranteed for trouble free operation for a period of 30 years from date of commission or arrival at site whichever is later. Any defect discovered during this period shall be rectified free of charge. The pits shall be drawn with the help of a boring machine, an auger or any other means as required by site conditions and nature of ground strata which shall be in the scope of supplier

VERIFICATIONS & TESS TO BE CARRIED OUT AT SITE:

Following verifications and tests shall be carried out by respective E.E.(TR/SS/Const) while execution of work of maintenance free treated earth electrodes.

(I) Electrode:

1. Type test report shall be verified satisfying minimum requirement of STC of 25 KA-1Sec for 66KV S/S and for above class (i.e. 132 KV,220KV, & 400KV sub-stations), STC shall be 40 KA-1 sec.
2. Test report of Cu-coating shall be verified for 250-micron coating.

(II) Ground enhancement material/Back fill/Grouding matrial:

(A) Sampling of bag shall be 1 bag per lot of 50 bags received at site.
As per Part-7 of IEC 62561, resisitivity test using soil box shall be carried out and value of the same shall be below 0.12 Ohm-m.
(B) As per part-7 IEC 62651, following test certificates shall be verified at site for
– Leaching test.
--Sulfur determination.
--Corrosion test.

Important Notes: -

1. For normal soil, drawing: GETCO/E/STD/P-021(1 of 2),R2 Dtd. 04.06.2015 shall be used for execution purpose and supersedes earlier released drawings dated 30.07.14 & 08.10.14.
2. For Rocky soil, drawing: GETCO/E/STD/P-021(2 of 2),R2 Dtd. 04.06.2015 shall be used for execution purpose and supersedes earlier released drawings dated 30.07.14 & 08.10.14

In Earthing philosophy, terms "CI Pipe Electrode" and "Treated Electrode" shall be replaced by "Maintenance free Treated Earth pit" wherever indicated. It shall be applicable for various equipment earthing drawings.

ERECTION AND COMMISSIONING TOOLS & TACKLES.

A. The contractor shall provide all tools/tackles jigs and fixtures winches, alignment tools, welding sets, breaker handling devices all consumable items and construction equipment as required to install the equipments and to complete the work in all respects and shall necessarily include (but not limited to) bolts, nuts, rivets, welding rods, shims, wedges, packing sheets, packing compounds, oil installation and protection of individual equipment in storage and during erection.
B. This shall also cover proper alignment, tack welding tagging, laying marking of and connection of cables, fabrication supply and installation of all support structures for installation of various electrical equipment and cables.
C. Provision of cable glands, ferrules, and cable lugs tags sealing kit (for HT cables) shall also be arranged by the contractor.
D. Erection of various equipment shall be done strictly as per manufacturer's instructions.
E. All additional iron framework erected to put the equipment in operational condition shall be provided with two coats of primer and two topcoats of finish paint.
F. Special care shall be taken to make the enclosed equipment protected against entry of rates, lizard, and creeping reptiles, which may create electrical short circuits.
G. Supply and installation of first aid boxes, shock treatment charts, rubber mats, etc.
H. Erection, testing and commissioning of various equipments shall be done strictly as per manufacturer's instructions.
I. Successful bidder shall submit proposed test procedure to the Board for approval well in advance and shall not commence testing until approval is conveyed.
J. All plant equipments, painting of which has been damaged during transportation / erection or by corrosion shall be given two coats of paint after removal of scales, rust oil, etc.
K. All iron frame work erected shall be provided with two coat of primer and two top coats of finish paint light gray shed.
L. Cables shall be laid in GI, class 'A' pipe of suitable diameter or a support girder/channel up to 2 meters height above the floor in case of vertical run to avoid mechanical damage in the switch yard.
M. Cables shall be laid in separate racks according to voltage levels. Sufficient Horizontal clearance shall be provided.
N. Maximum cross section areas of cables passing through conduit shall not exceed 60 % of cross section of conduit.
O. Approved type of danger boards, in Gujarati, describing "ISOLATED' 'DO NOT CLOSE, MEN AT WORK" shall be provided in sufficient numbers as per the instruction of E.I.
P. Special care shall be taken to make the enclosed equipment worming proofing
Q. Cables supports shall be provided at every 1000 mm along horizontal run and perforated trays shall be provided for control cables. Cables shall also be arranged by the contractor.
R. Erection of various equipment shall be done strictly as per manufacturer's instructions.
S. All additional iron framework erected to put the equipment in operational Condition shall be provided with two coats of primer and two topcoats of finish paint.
T. Special care shall be taken to make the enclosed equipment protected against entry of rates, lizard, and creeping reptiles, which may create electrical short circuits.

SAFETY INSTRUCTION & GUIDE LINE FOR CONTRACTORS DURING WORK

Following safety guidelines are mandatory for all contractors operating in GETCO premises/ on transmission lines for Electrical, non-electrical & Civil works .

1. The contractors must provide advance planning of work to concerned in-charge of substation in writing .
2. The name, qualification, address & cell phone No. of supervisor.
3. The list of workers/labours with name and address.
4. The copy of group insurance policy with list of name of workers covered.
5. The list of T & P and safety equipment [PPE] having tested and checked by GETCO official at site.
6. The working procedure must be specified with timing of working hours indicating tea break & lunch break period.
7. Before starting any work whether switch yard, on line or in colony "permit to allow to work" must be taken from control room in-charge.
8. Utilizing Electrical/non-electrical equipments, safety rules must be implemented.
9. All workers/labour& supervisors must be use safety equipment [PPE] during the work.
10. If the work is to be carried out on Sunday or public holiday, the necessary permission must be taken in advance, requesting in writing.
11. Unwanted person including children of labours will not be allowed at working site in the switchyard and in the prohibited area.
12. Any electrical work or electrical connection to equipment for any other work must be carried out by certified electrician/wireman with adequate size of wire through MCB & ELCB per I.E. Rule. Ensure that all precautions are taken to prevent electrical & the installation/connection is certified by EIC.
13. No work should be done during night hours unless & until it is required under certain circumstances with the approval of next higher authority and all necessary arrangement of adequate lighting with safety precautions is made.
14. Any power line crossing, river crossing & railway crossing or any other hazards must be discussed with workers by contractor in presence of EIC.
15. Contractors must submit list of workers with name, qualification and experience who are engaged for line maintenance/rectification job.
16. Work shall be started after Line clear permit taken buy GETCO engineer on power line crossing or passing nearby for safety of workers. This must be ensured by GETCO supervisor/in-charge of substation before starting the work.
17. Contractors must arrange for Shelter and drinking water facility for the labors/workers engaged with the permission of S/S in charge.
18. The method of work required T&P and manpower should be discussed between GETCO supervisor, contractor's supervisor and gang leaders.
19. 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 that following:
    [a] HT/LT line or tap line crossing under each span of line of the work.
    [b] Isolation point of each line crossing must be checked.
    [c] Each line crossing & isolation point under each span must be discussed and noted in maintenance register with sketch.
20. While execution of stringing work the identified line crossing must be isolated/ de-energized and written clearance should be obtained from concerned DISCOM supervisor.
21. The isolation of Tap line must be physically seen and verified by Contractor.
22. Contractor's supervisor must take work permit from GETCO engineer for EHV line and power line crossing.
23. AT D.O. fuse junction contractor's person should be posted to ensure that no person restore D.O. supply while work is under execution.
24. Contractor's supervisor must ensure all isolations physically prior to give clearance to gang Leader for taking up job.
25. Earthing must be done at the place of work before execution of any work.
26. Live Line Detector should be used to check de-energisation of line before start of work.

27. Earthing material and tools of contractor shall be verified before starting of work.
28. No work by contractor labour without their supervision.
29. Before starting of stringing work tightening punching, no member missing & any type of Tension tower provide back tension guy without joint & provide at appropriate depth.
30. Tree cutting should be completed before starting stringing work.

SAFETY NOTES

- Arrange kick off meeting with all stake holders including workers and fix up safe working area and safety instructions / boards.
- Waste material like packing paper, wood, steel cuts are to be cleared from site on daily basis.
- Children, unauthorized person and animal shall not be allowed to enter sub-station premises.
- Demarcation of working area must be done by providing red tape with mandatory sign boards.
- Ensure availability of PPE equipments like helmet, safety belt, safety shoes etc. and must be used during execution of work.
- One engineer from GETCO and executing agency to be nominated as safety officer who shall ensure overall safety at site.
- First aid kit and availability of medicine shall be ensured by safety officers of GETCO and executing agency.
- Winch machine, pulley and rope must be checked visually and tested prior to utilize them.
- Ensure earthing after isolation in case working area is close to charged switchyard.
- Standard earthing rods shall be available in sufficient quantity and its healthiness must be ensured by site engineer-in-charge.
- No smoking, cooking and fire are allowed in the working area.
- Cement,steel,oil drums etc. shall be stacked outside the switchyard working area.
- Water pipe line and water taps inside bay area must be avoided.
  No water leakage shall be left unattended during execution and later after charging, water pipeline must be buried.
- Ensure proper double earthing of welding machine, filter machine and any other electrical equipment.Supply wire of these machines shall be jointless and of adequate capacity.
- Adequate illumination of 50 lux must be available in case of night work in yard.
- It shall be ensured everyday that no worker is missing after the day's work in the evening.
- Important telephone and cell no. must be readily available at site.
- Working methodology and procedure must be clear before using and loading existing structures of switchyard.
- Any standing derrick pole, crane etc. must be removed and kept away once work is over.
- Procedure and isolation must be clear before AC and DC panel work and relay, protection and SCADA work
- Don't leave any work of bolting and tightening half done in structure and equipment erection. Take clearance before stringing.

- Ensure electrical license of contractors.
- During passing through live area / yard, no equipment shall be carried overhead.
- During removal of jumpers, both side earthing must be provided.
- Arrange safety audit at site on monthly basis. Follow up on action point after such audit is must and safety officer of GETCO and executing agency to ensure.
- Any excavated foundation should not be left open for long time, particularly before monsoon.
- LCP (Line Clear Permit) shall be issued for work related to yard equipments after necessary isolation in yard which mandatorily requires effective earthing.
- Long duration LCP must be displayed in control room and panel board. For work by different teams separate LCP shall be taken and on return of permit by all teams further action shall be taken.
- TP (Test Permit) shall be issued when maintenance / testing work is involved which do not require earthing of yard equipments.

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
BARODA

Date :

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

OUR ENEAVOUR

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

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

_____
Seal & Signature
(GETCO Authorized Signatory)

Name :
Designation :

_____
Seal & Signature
(Party's Authorized Person)

Name :

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**	

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	Actual 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
1			
2			
3			
4			
5			

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company
Date & place:

Schedule -1

Confirmation Regarding Site Verification

(On the letter pad of the Company / Firm)

Date:

To,
The Superintending Engineer,
GETCOI,Circle Office,Amreli

Sub: Confirmation Regarding Site Verification.

Ref: Tender No. AMR/CO/CMC/AM/23/2026-27(2nd A)

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

Schedule -2

(To be submitted on firms letter-head. Duly stamped & signed)

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

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

Ref:-1) Tender No._____

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

I/We_____

Authorized signatory of M/s._____and thereby certified that M/s. _____and their proprietor/any partner/any director of the firm is **not stop deal and /or banned for business dealing** and /or black listed by GUVNL/or their any subsidiary company viz. GSECL/GETCO/MGVCL/PGVCL.

Signature of tenderer

Seal of firm

Schedule -3

(To be submitted on firms letter-head. Duly stamped & signed)

No deviation certificate

Tender No. **AMR/CO/CMC/AM/23/2026-27(2nd A)**

Sub. : **Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.**

In connection with above subject, I / we confirm the following:

a) I/ we, the undersigned, have read and understand the Tender Specification No. AMR/CO/CMC/AM/23/2026-27(2nd A)For **Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.** Complete with the entire Tender Terms and Conditions.

b) The price in the bid is firm prices in line with Tender Specifications and shall stand valid till completion of the Contract, if awarded.

c) I/We declares that our bid is strictly in line with Tender Specifications and there is no deviation. Further, I / we also agree that additional conditions / deviations, if any found in bid, the offer shall be out rightly rejected without assigning any reason thereof.

Signature of Authorized representative of company/Agency
of Company / Agency Name : _____
Status : _____
Name of bidder

Schedule -4

Declaration of Conflict On Interest

To,
The Superintending Engineer,
GETCOI,Circle Office,Amreli
Amreli – 365601

Ref: Tender Notice No……

With reference to above your tender Notice No……..
For the work of……

We do not have any conflict of interest with any other bidder who has submitted the bid in this tender.

Yours Faithfully,

(Signature of the Tenderer)

Schedule -5

Declaration of Relationship with employee

To,
The Superintending Engineer,
GETCOI,Circle Office,Amreli
Amreli – 365601

Ref: Tender Notice No……

With reference to above your tender Notice No……..
For the work of……

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

Yours Faithfully,
(Signature of the Tenderer)

Schedule -6

Tender for work of _____

Tender No. Date :

CERTIFICATE – "A"

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

Seal of the Firm
Place:

Signature of the Tenderer
With Designation.

Date:

Schedule -7

TENDERER'S DETAILS OF MACHINERY

The List of Technical Personnel intended to be placed at the Work by the Contractor.
(Tenderer shall submit in the Format detailed here under)

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company

Date & place: _____

Sr. No.	Description & Details machinery	Capacity	Numbers	Make	Remarks
(a)	(b)	(c)	(d)	(e)	(f)

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_____and_____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:

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

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

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

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

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

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

Sr. No	Amount of Contract in Rs.	Penalty amount
1	Up to Rs. 1 Lac	Rs. 5000/- plus GST as applicable
2	Above1 Lac to Rs. 10 Lacs	Rs. 40000/- plus GST as applicable
3	10 to Rs. 100 Lacs	Rs. 100,000/- 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.

j. _____

(Signature with seal of The CONTRACTOR)
In the presence of:

1.

2.

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 A/T 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. _____ ___ _____ (Signature)

_____

2. _____ _____ (Signature)

_____

PROFORMA FOR CONTRACT AGREEMENT

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

This Agreement is made at _____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 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 _____ 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 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.

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) _____
_____

BANK GUARANTEE FORMAT

NON JUDICIAL STAMP PAPER OF RS. 300/ - (Stamp Paper Validity Six months)

FORM OF BANKER'S UNDERTAKING

[For Performing Guarantee (PBG) towards execution / supply Period
As per Commercial Terms and Condition of Tender]

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

BG. No._____
Issue Date_____
Expiry Date_____
Amount_____

We, _____ (Name of the Bank and Address of the parson giving the Bank Guarantee) having our registered office at _____(Address of Bank's registered office) hereby give this Bank Guarantee No._____ Dated_____and hereby agree Unequivocally and Unconditionally to pay immediately on demand on writing from the beneficiary Company **GETCO** or any officer authorized by it in this behalf any amount up to and not exceeding Rs. _____ (Amount of performance Guarantee toward execution / supply period), (Rupees_____ (in words)) to the said **GETCO** on behalf of M/s _____ who have entered into a contract for the supply/works specified below
LOA No _____dated_____
This agreement shall and valid and binding on this Bank up to and inclusive of _____ (Date of validity of the Bank Guarantee) and shall not be terminable by notice or by change in the constitution of the Bank or the firm of Contractors / Suppliers or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alteration made, given conceded or agreed, with or without our knowledge or consent. By or between parties to the said within written contract.

Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this Guarantee shall not be assignable, transferable by the Beneficiary **GETCO.** Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the Bank. Any invocation of the Guarantee can be made only by the beneficiary directly.

NOTWITHSTANDING anything contained herein before, our liability under this guarantee is restricted to Rs. _____ (Rupees_____ only). Our guarantee shall remain in force until _____ (Date of validity of the Bank Guarantee). Unless demands or claims under this Bank Guarantee are made to us in writing on or before_____ (Date of validity of the Bank Guarantee), all rights of Beneficiary under this Bank Guarantee shall be forfeited and we shall be released and discharged from all liabilities there under.

Place:
Date:

Please Mention Here Complete Postal
Address of the Bank with Branch Code,
Telephone and Fax nos

Signature of the
Bank's Authorized Signatory
With Official Round Seal

Format for LOI / AT Acceptance Letter

(To be submitted on firms letter-head. Duly stamped & signed)

L. No. Date :

To,
The Superintending Engineer,
Gujarat Energy Transmission Corporation Ltd,
Near 66KV Amreli A SS, Keriay raoad,
Circle office-Amreli
Amreli – 365601

Sub: **Latter of acceptance of LOI /AT**

Ref:
1.Tender NO: **AMR/CO/CMC/AM/23/2026-27(2nd A)**
2. AT/LOI No: _____ Dtd._____

We hereby acknowledge, agree and accept your LOI/ AT under reference above with terms and conditions mentioned therein for the **Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.**.

Thanking You,
Yours faithfully,

for _____

(Authorized Signature)
Designation _____

(Official Stamp)

Application for refund of EMD

(This Performa should be submitted by party on letter Pad)

To,
The Superintending Engineer ,
GETCO, Circle office, Amreli

Date:

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 L1 for the same The details are asunder...

Sr. No.	Description	Detail to be submitted by party.
1	Tender No.	
2	Tender ID	
3	Name of Work/Subject	
4	EMD Amount	
5	EMD DD No., Date of EMD & Name of Bank	
6	Name of Bidder	
7	Contact No.	
8	E-mail address	

Thanking you,

Faithfully yours,

(Name & Seal of Bidder)

Price Bid

SCHEDULE-B

Name of Work: Bi-annual ARC for 66kV Feeder Bay, Transformer Bay Erection work including dismantling and Bus Strengthening / Extension under AM Division Savarkundla and Vartej of Amreli Circle GETCO.

SOR :-ACE(CA)/EE(CEG)/Erection SOR Dtd. 30.05.2025

Sr. No.	Description of Item	Unit	Qty.	Rate	Total Amount (Rs.)
1	Erection of equipments of any type / make with required all spares & accessories as per supplier's manual and FQP, including individual & interpole wiring of for all mentioned voltage class switchyard (as per respective technical specifications & relavant special conditions) suitable for all type of bus configurations. Scope includes the dragging / loading / unloading of same from site store to erection site. c) 66/22 kV Breakers without crane permitted. (SOR No.Part- D Sr.No.1(C))	Set of 3 Pole	26	5535.00	143910.00
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 instruction of Engineer-in-charge d) 66 kV CT / PT / CVT (without crane permitted) (SOR No.Part- D Sr.No.2(d))	Per Phase	78	623.00	48594.00
3	Erection of surge arrester with counter 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 as per instruction of Engineer-in-charge d) 66 kV LA (without crane permitted) (SOR No.Part- D Sr.No.3(d))	Per Phase	78	415.00	32370.00
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	Set of 3 Phase	11	3459.00	38049.00

	dragging / loading /unloading of the same from site store to erection site as per instructions of Engineer-in-charge. a) 66 kV Isolator (without crane) (SOR No.Part- D Sr.No.6(a))				
5	Erection of Double break isolator (All make) without 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 instructions of Engineer-in-charge. a) 66 kV Isolator (without crane) (SOR No.Part- D Sr.No.7 (a))	Set of 3 Phase	26	2491.00	64766.00
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. d) 66 kV (SOR No.Part- D Sr.No.10 (d))	Per No	26	277.00	7202.00
7	Laying of any size of 11/22kV XLPE cable including excavation of trench 300 mm wide & 600 mm deep including laying and filling up sand of 100 mm 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. (SOR No.Part- D Sr.No.13)	Mtr	900	138.00	124200.00
8	Laying of any size of 11/22kV 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. (SOR No.Part- D Sr.No.14)	Mtr	3150	63.00	198450.00

9	Erection of S/S & Equipment structure including punching of nut bolts. Rates are inclusive of shifting of same up to erection site from its s/s Store. a) 66 kV (SOR No.Part- D Sr.No.15(a))	MT	54.5	2491.00	135759.50
10	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 (SOR No.Part- D Sr.No.21(c))	Rmtr / Phase	420	63.00	26460.00
11	Preparing and fixing of required length of jumpers in the switchyard on respective Bus & equipments, tensioning & dressing of jumpers complete as per instructions of Engineer –in –charge c) Single Moose/AL-59/Zebra/Panther conductor (SOR No.Part- D Sr.No.23(c))	Rmtr Per Phase	2600	16.00	41600.00
12	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 strips: Fixing of two bolt 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 welded joints. G.I. Strips. 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.	Mtr.	2700	43.00	116100.00

	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 welded joints including supply of HDGI Nuts & bolts for all connections including suporting 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 bay up to and including 25mm (SOR No.Part- D Sr.No.24(b))				
13	Installation of earthing strips / MS round bar 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 strips: Fixing of two bolt 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 welded 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	Mtr.	7900	164.00	1295600.00

	and black powder after welding and applying zinc rich paint on welded joints including supply of HDGI Nuts & bolts for all connections including suporting 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 bay up to and including 25mm (SOR No.Part- D Sr.No.25(b))				
14	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 20/25mm dia MS Rod (for 66kV S/S) / 40 mm 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 No.rmal/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), water, etc. shall be supplied by contractor. (a) 18 Mtr Depth (SOR No.Part- D Sr.No.26)	No	30	5229.00	156870.00
15	(a) Supply,Installation,Testing and commissioning of maintenance free treated earth electrodes suitable for NORMAL SOIL as per drawing No. GETCO/E/STD/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 substations with ground enhancement material/ back fill / grounding compound as per IEEE 80-2000 Clause 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 masonary inspection	No	43	13893.00	597399.00

	chamber(manhole) incl. light type CI cover. (SOR No.Part- D Sr.No.27(a))				
16	(a) Supply,Installation,Testing and commissioning of maintenance free treated earth electrodes suitable for ROCKY SOIL as per drawing GETCO/E/STD/P-021 (2 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 substations with ground enhancement material/ back fill / grounding compound as per IEEE 80-2000 Clause 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 masonary inspection chamber(manhole) incl. light type CI cover. (SOR No.Part- D Sr.No.27(b))	No	95	14844.00	1410180.00
17	Fabrication for erection of any Equipment/Structure/panel or anywhere in s/s & F.B. at other endas per Inst. Of E.I.C. (SOR No.Part- D Sr.No.31)	L.S. (Max.)	28	4992.00	139776.00
18	Erection of support structure for 11kV Power cable termination at 11kV bushing for 10/15/20MVA 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. (SOR No.Part- D Sr.No.33)	No	15	998.00	14970.00
19	Providing & fixing Set of following Items on erected 11kV support structure system for power cable of 66/11kV Transformer as per GETCO drawing No..GETCO/E/06S-STD/SPL-028A, R3, DT-26.10.2016 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 No. 4) Copper laminated fusion welded flexible jumper	Set	15	27303.00	409545.00

	of size 75 X 10 X 600 mm having 2000 Amp capacity : 03 No. (4) Bi Metalic Plate (Al/Cu): 03 No. (5)11kV Heat Shrinkable anti tracking Sleeve 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 live parts shall be coverd with heat shrinkable MV insulated tape/ sleeve. (SOR No.Part- D Sr.No.35)				
20	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. (SOR No.Part- D Sr.No.39)	Cmt	26	5276.00	137176.00
21	Excavation in Hard Rock for excavation of Earthing Pits / 11kV or LT power cable trenchs/ Yard Light Poles only. (SOR No.Part- D Sr.No.40)	Cmt	28	525.00	14700.00
22	Providing and fixing of Radium sticker for outdoor and Indoor Equipment Identification like LA, Isolator, Circuit Breaker, Transformer, CT, PT, MK Box, C&R Panels, 11kV Panel borad etc. (SOR No.Part- D Sr.No.44)	Sq.Inch	52000	2.00	104000.00
23	Labour charge for fixing of 11kV XLPE Indoor/Outdoor cable kit of any make for 11kV, 3C x 95 sqmm to 300 sq.mm XLPE power cable. Cable kit will be provided by GETCO. (SOR No.Part- D Sr.No.47)	No	45	748.00	33660.00
24	Providing & Fixing of RAYCEM/MSEAL/CABSEAL or equivalent GETCO approved make heat shrinkable type 11kV XLPE Indoor/Outdoor cable Termination kit suitable for 11kV, 3C x 95 sqmm to 300 sq.mm XLPE power cable. (SOR No.Part- D Sr.No.48)	No	45	6139.00	276255.00

25	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 Colur RED/BLUE Make : Vardhman or equivelent (Rubberhouse India) Width :1 mtr. Thickness :2.5 mm. Surface :Chequred 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 (SOR No.Part- D Sr.No.51)	sq.mtr	56	4492.00	251552.00
26	Providing & fixing of reputed make ISI mark Fire Extingusher with leatest ammendment in standards as per following capacity Note: Contractor shall submit Test certificate for routine test as per relevant IS. **a) Chemical powder 9 kg**	No	10	6301.00	63010.00
27	**b) CO2 type - 6.5Kg** (SOR No.Part- D Sr.No.52)	No	10	7047.00	70470.00
28	Erection of control panel relay panel or C/R panel or RTC 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. d) 66 KV (SOR No.Part- H Sr.No.1 (d))	No	41	691.00	28331.00
29	Transportation of Girder, Rail, All types of substation / tower structures, conductor, Insulator, Cables, Hardware, G. I. Strips, Earthwire, Staywire, Furniture, Transformer oil, Breaker, CT, PT LA, Panels, Battery set, Battery charger, PLCC	Job / Lot	108	16848	1819584.00

	equipment, Isolator, Testing equipment, etc from GETCO's nearest / any Store Centre/ Substation to another destination including loading and unloading. (i) up to 70 KMs (Upto 6 MT) - Lumsum (To be executed / considered for a particular Job / Lot while weight is not increasing 6 MT per Trip like transportation of 03 Nos. of 66kV CT) (SOR No.Part-L Sr.No.1)				
30	(ii) upto 70KMs (Beyond 6 MT) – proportionate (SOR No.Part-L Sr.No.1)	Per MT	50	2808	140400.00
31	(iii) Beyond 70KMs (SOR No.Part-L Sr.No.1)	Per MT/KM	16400	22	360800.00
32	Preparing of complete schedule of wiring for line/ transformer bays in triplicate. necessary drawing will be provided by the GETCO. Schedule should be approved by EE or DE in charge. a) 66kV Bay (SOR No.Part- H Sr.No.9(a))	Bay	26	1996.00	51896.00
33	Laying of 1.1 KV PVC armored copper/ aluminum cable inside Hume pipe/cable trench including binding/clamping of cable with Gl wire as per requirement including supply and fixing of identification tags on both ends and at distance every 10 mtr for following size. a)2C × 2.5 mm2 ,2 C × 3.5 mm2 , 4C x 2.5 mm2, 7C × 2.5 mm2, 4C x 4 mm2 Copper control cable or any equivalent size of all LT cable. (SOR No.Part- H Sr.No.7 (a))	Per RMtr.	10000	6.00	60000.00
34	Laying of 1.1 KV PVC armored copper/ aluminum cable inside Hume pipe/cable trench including binding/clamping of cable with Gl wire as per requirement including supply and fixing of identification tags on both ends and at distance every 10 mtr for following size. b) 12C x 2.5 mm, 12C x 4 mm2, 12C x 6 mm2, 19C x 2.5 mm2, 27C x 2.5 mm2, Copper control cable, 3.5 C or 4 C x 10 mm2, 70 mm2 aluminum armored or unarmored LT power cable. (SOR No.Part- H Sr.No.7 (b))	Per RMtr.	6700	10.00	67000.00

35	Laying of 1.1 KV PVC armored copper /aluminum 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. a)2C × 2.5 mm2 ,2 C × 3.5 mm2, 4C x 2.5 mm2, 7C × 2.5 mm2, 4C x 4 mm2 copper control cable or any equivalent size of all LT cable. (SOR No.Part- H Sr.No.8 (a))	Per RMtr.	2600	21.00	54600.00
36	Laying of 1.1 KV PVC armored copper /aluminum 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 b) 12C x 2.5 mm2, 12C x 6 mm2, 19C x 2.5 mm2, 27C x 2.5 mm2, copper control cable, 3.5 C or 4 C x 10 mm2, 70 mm2 aluminum armored or unarmored LT power cable. (SOR No.Part- H Sr.No.8 (b))	Per RMtr.	2600	26.00	67600.00
37	Providing and fixing 'B' class G.I. pipes of following size for cable protection including fixing with the structures.(Non SOR) including required 'L' & 'T' band,coupling for CT,PT, Transformer, M.K.Box cabling on structure including required fabrication. a) 40mm dia (weight of pipe-3.2kg/meter) (SOR No.Part- H Sr.No.10 (a))	Mtr	312	255.00	79560.00
38	Providing and fixing 'B' class G.I. pipes of following size for cable protection including fixing with the structures.(Non SOR) including required 'L' & 'T' band,coupling for CT,PT, Transformer, M.K.Box cabling on structure including required fabrication. b) 50mm dia (weight of pipe-5.1kg/meter) (SOR No.Part- H Sr.No.10 (b))	Mtr	357	284.00	101388.00
39	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. a) Up to 7 Core Control Cable (SOR No.Part- H Sr.No.11(a))	End	930	199.00	185070.00
40	Termination of Control Cable at Panel / M.K./ Equipments including supply of required size of double compression type metal glands, lugs,	End	394	349.00	137506.00

	ferrules, PVC Binding Tape, Buttons, Cable ties, etc. for following size of cables. b) As above but for Above 7 Core Control Cable (SOR No.Part- H Sr.No.11(b))				
41	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. (SOR No.Part- H Sr.No.13)	No	26	21549.00	560274.00
42	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. (SOR No.Part- D Sr.No.53)	No	15	24732.00	370980.00
43	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. (SOR No.Part- D Sr.No.62)	No	52	748.00	38896.00
44	Dismantling of CT/PT/CVT on Erected structure including complete dragging/loading/unloading of same with crane only from site of dismantling to site store and dismantling of required clamps, connectors & accessories as per instruction of	Per Phase	12	311.50	3738.00

	Engineer-in-charge d) 66 kV CT / PT / CVT (without crane permitted) (50% rate of SOR No.Part- D Sr.No.2 (d))				
45	Dismantling of Double break isolator (All make) without 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 of dismantling to site store as per instructions of Engineer-in-charge. a) 66 kV Isolator (without crane) (50% rate of SOR No.Part- D Sr.No.7 (a))	Set of 3 Phase	4	1245.50	4982.00
46	Dismantling of Solid core porcelain/ composite polymer Bus post insulator on its erected structure complete, dismantling of accessories and shifting of same including loading /unloading from its site of dismantling to site store. d) 66 kV (50% rate of SOR No.Part- D Sr.No.10 (d))	Per No	12	138.50	1662.00
47	Dismantling of S/S & Equipment structure complete in all respect. Rates are inclusive of shifting of same from site of dismantling to site store. a) 66 kV (50% rate of SOR No.Part- D Sr.No.15(a))	MT	10	1245.50	12455.00
48	Dismantling of required length of jumpers in the switchyard on respective Bus & equipments, complete as per instructions of Engineer –in –charge c) Single Moose/AL-59/Zebra/Panther conductor (50% rate of SOR No.Part- D Sr.No.23(c))	Rmtr Per Phase	300	8.00	2400.00
49	Dismantling of Bus complete in all respect with dismantling 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 (50% rate of SOR No.Part- D Sr.No.21(c))	Rmtr Per Phase	420	31.50	13230.00

50	Stringing of ACSR/ AAAC 3 (Three) conductors for single circuit including laying, jointing, tensioning, clamping with armour rods, hoisting of insulator string fixing of jumpers, dampers etc. & with required tree cutting on entire length for adequate clearances / safe charging of line, as per instruction of EIC. (Cold line condition) **a)Dog Conductor** (SOR No.Part- B-I Sr.No.3)	RKM	1.65	39916.00	65861.40
51	Stringing of ACSR/ AAAC 3 (Three) conductors for single circuit including laying, jointing, tensioning, clamping with armour rods, hoisting of insulator string fixing of jumpers, dampers etc. & with required tree cutting on entire length for adequate clearances / safe charging of line, as per instruction of EIC. (Cold line condition) **b)Panther/AL-59 Conductor** (SOR No.Part- B-I Sr.No.3)	RKM	1.65	56464.00	93165.60
52	Stringing of ACSR/ AAAC 3 (Three) conductors for single circuit including laying, jointing, tensioning, clamping with armour rods, hoisting of insulator string fixing of jumpers, dampers etc. & with required tree cutting on entire length for adequate clearances / safe charging of line, as per instruction of EIC. (Hot line condition) **a)Dog Conductor** (up to 5 km) (SOR No.Part- B-I Sr.No.6(a))	RKM	1.65	124649.0	205670.85
53	Stringing of ACSR/ AAAC 3 (Three) conductors for single circuit including laying, jointing, tensioning, clamping with armour rods, hoisting of insulator string fixing of jumpers, dampers etc. & with required tree cutting on entire length for adequate clearances / safe charging of line, as per instruction of EIC. (Hot line condition) **b)Panther/AL-59 Conductor (up to 5 km)** (SOR No.Part- B-I Sr.No.6(b))	RKM	1.65	168000.0	277200.00
54	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	No	52	11576.00	601952.00

	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 L. No. GETCO/0748/08/2025, dtd. 18/08/2025)				
	Sub-total of Schedule – B Rs.				**1,13,58,825.35**
	Add : GST @ 09.00% Rs.				10,22,294.28
	Add : GST @ 09.00% Rs.				10,22,294.28
	Total Amount with GST In Rs.				**1,34,03,413.91**
In words :Rupees One crore thirty four lacs three thousand four hundred thirteen point ninety one .					

Superintending Engineer,
GETCO, Circle Office, Amreli

CERTIFICATE

I/We have read and clearly understood the terms, conditions, Schedule 'B' and Technical specifications put by GETCO on n code site & hereby accept all the conditions and specifications of this tender document and accordingly,
I/We am/are willing to carry out the work of _____ above/ below _____ (Should be written in word and figure), the estimated rates of GETCO. (The price bid shall be submitted through n-Procure (ncode) only)

Sign & Seal of Agency / Bidder with address.
_____