Gujarat Energy Transmission Corporation Limited
Transmission Circle Office, P.O. Dabhan, Nadiad, District: Kheda, Gujarat,
Pin–387 320.Email: nadiadtr@gebmail.com,setrnadiad.getco@gebmail.com
Corporate Identity No.U40100GJ1999SGCO36018

TECHNICAL BID

TENDER NO. NTC/NRL/OCT-26/213

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISION CIRCLE, NADIAD

TENDER SPECIFICATION

Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.

Tender No. NTC/NRL/OCT-26/213

PART - I

GENERAL TERMS & CONDITIONS
WITH TECHNICAL BID

(TO BE SUBMITTED ONLINE – N-Code Only)

E-TENDER FOR THE WORK OF

Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.

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E - TENDER NOTICE

SE (TR) invites "On line Tenders" (e-tendering) for the mentioned in below table from registered Contractors in appropriate class with GETCO / Central / State Government / Railway/Semi. Govt. and who has executed civil works successfully as mentioned in Qualification requirement criteria given in the tender document. Bidders should fulfill the 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 downloaded from Web site as https://getco.nprocure.com (**For view, download and on-line submission)** and GUVNL / GETCO web sites www.gseb.com & www.getcogujarat.com (**For view & download only)**.
All tender documents are to be upload (Notarized / self-attested copies of original – as specified in tender document) through online only (mandatory) on (n) procure portal including Tender fee and EMD.

"NO PHYSICAL COPY/SUBMISSION OF ANY DOCUMENTS" will be allowed

1	Tender Notice No.:	**NTC/NRL/OCT-26/213**
2	Name of work	Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.
3	Tender Fee (non-refundable)	**₹ 8850.00 (7500+ 1350 (GST @ 18%)**
4	Estimated cost Including GST	₹ 1,19,15,818.18
5	Earnest Money Deposit (EMD) amount	**₹ 119160.00**
6	Time Limit	**365 DAYS**
7	Required Class of Contractor	**ANY CLASS**
8	**On line (E-tendering) tender/ offer submission last date up to 16.00 hours only (This is mandatory)**	**05.11.2026**
9	**Date of opening of Tender fee, EMD and technical bid on-line opening at 16.00 Hours.**	**05.11.2026**
10	Tentative Date of on – line opening of Price bid, (if possible),	**ONLINE**

IMPORTANT:

2. **All the online Annexures i.e. Annexure - 1 to 8 and price bid, other tender documents (refer Table-A) must be submitted/attached through online form only.**
3. 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**

4. Suitable payment option can be selected for Tender fees & EMD. Amount should be paid by **RTGS/NEFT Online-payment. Payment through RTGS/NEFT bidder has to mail following details:**

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

To:

a. setrnadiad.getco@gebmail.com
b. Detech1conadiad.getco@gebmail.com
c. aotrnadiad@gebmail.com

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

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

1	Name of Account Holder	Gujarat Energy Transmission Corporation Ltd.
2	Account No.	02900200000624
3	Name of Bank	Bank of Baroda
4	Address of Bank	Main Branch, Basudiwala Tarrace, Santram Road, Nadiad
5	IFSC Code	BARB0NADIAD
6	PAN No	AABCG4029R
7	TAN No	BRDG01028G
8	GST No	24AABCG4029R2ZC

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 in physical form.
6. It shall be sole responsibility of the bidder that the uploaded scanned documents (in PDF form) remain legible and should not be password protected.
7. All the relevant scanned documents as per requirement of the tender are to be upload through online only on n procure portal including Tender fee and EMD.
8. **Tender will be evaluated on basis of Data / Details / Documents submitted by online form only**.
9. It is mandatory for all the bidders to upload their tender documents by on line only (E-tendering) in scheduled time. **No documents shall be considered physically.**
10. The bidders are required to fill up all the online annexure / forms (word file attached) and shall be uploaded invariably. This is intended for transparency and speedy evaluation of the bids. Instead of simply confirming / attached in bid / refer physical offer, the Bidder shall fill in the particulars against appropriate place in respect of each line appearing in each online annexure. Wherever required, bidder shall invariably have to upload supporting authentic documents in the online bid. (In the absence of required details in the online annexure, the purchaser has every right to evaluate the bids accordingly and bidder cannot raise any objection against any point during evaluation.)
11. Bidders are requested to remain in touch with the web-site for any amendment / corrigendum or extension of due date etc
12. The Earnest Money Deposit and tender fee will be accepted by NEFT/RTGS on any Nationalized Bank only situated at "NADIAD" EMD and Tender Fee NEFT/RTGS with different purchaser or agency shall not be accepted. Tender without EMD and tender fee shall be rejected.
13. The GETCO reserves the right to award the work to one or more bidders, considering their technical

and financial capacity OR to reject any or all tenders or accept any tender without assigning any reason thereof.

Any technical questions, information and clarifications that may be required pertaining to this enquiry should be referred to: **The Superintending Engineer (TR), Gujarat Energy Transmission Corporation Limited, Circle Office, Opp. Collector office, P.O. Dabhan, Nadiad, Dist. Kheda, Gujarat, Pin – 387320.**
GETCO reserves the right to reject any OR all tenders without assigning any reasons thereof.

Yours faithfully,
Superintending Engineer
Nadiad

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PART-I - ITB

INSTRUCTIONS TO BIDDERS

A. INTRODUCTION

1.0 General Particulars

The Gujarat Energy Transmission Corporation Ltd., Baroda hereinafter called 'GETCO'/ 'OWNER' intends to receive bids for Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle. as detailed in the accompanying specifications in accordance with Terms and Conditions herein. The bids shall be prepared and furnished as per these Instructions.

2.0 Qualification Requirements of Bidders

Qualification Requirement

1 **Registration**: Bidder shall be strictly a GETCO registered contractor of any class.

2 **Technical Criteria**:

The Bidder should have executed minimum quantity equal to tender quantity in last 3 financial year for 66kV Voltage class and/or above as a main contractor in single/multiple orders.
OR
The bidder should have erected transmission lines including stringing of conductor and earth wire of minimum length 10 km of 66Kv and/or above voltage class in last 3 financial years as a main contractor in single or multiple orders.

Financial Criteria
Bidder's Minimum Average Annual Turnover (MAAT)^ for best three years out of last five financial years as annualized shall not be less than the estimated amount of this tender.

Note- "Annual gross revenue from operations / gross operating income as incorporated in the profit & loss account excluding other operative income/other income".

1. Last quarter's Liquid Assets should not be less than 20 % of estimated amount as on date of invitation of tender.

Note: For the purpose of arriving at LA Current Assets Less Inventories shall be considered.
1. Bidder's Net Worth for Last 3 financial years should be positive.

Note:
1. **Audited, Verified and Certified Practicing Chartered Accountant certificate will be considered for Minimum Average Annual Turnover, Liquid Assets and Net worth. The provisional certificates will not be entertained.**

2. **Under taking in respect of reference to NCLT under Insolvency & Bankruptcy Code. The undertaking is to be furnished by the bidder in its bid as per the format attached and shall be deemed to be part of the bidding schedule and submitted along with QR Bid**

Undertaking

Subject:- Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.

.

Tender No. NTC/NRL/OCT-26/213

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

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

4. **Solvency**: Latest bank solvency certificate from any Nationalized/Scheduled Bank of a sum of minimum 20 % of the estimated cost shown in the tender.

5 **Provident Fund Code:** Separate provident fund code number towards firm registered with Regional P. F. Commissioner.

6 **Profit & Loss Account Statement:** The Bidder should submit certified Xerox audited copy of the Balance sheet with profit and loss account of last three Years.

7 **Nature of Firm:** Attested copy of Partnership Deed, Power of Attorney, if any, for signing the bid documents in case of partnership firm &self affidavit for proprietorship firm. All such documents shall have to be NOTARISED

8. **I.T.PAN CARD**: The bidder should submit the attested zerox copy of PAN Card of their firm.

9. **GST Registration**: The Bidder shall be registered under the "GOODS AND SERVICE TAX(GST)". The certified Xerox copy of such registration shall have to be submitted along with the bid by the bidder.

10. **Electrical contractor's license:** The bidders should submit the attested copy of GOG Electrical Contractor licenses of firm with latest validation.

11. Welfare cess registration: As per welfare cess act., as the work allotted to bidder, he has to take registration under well cess of said site and submit the same to this office.

12. List of Tools & Tackles.

The bidders must be attach submitted all above documents Self-attested scanned copy on n-procure.

CHECK LIST OF DOCUMENTS SUBMISSION

TABLE-A		
Mandatory to upload on-line only (pdf file)		
No.	**Particulars**	**Check Mark**
1	Scan of Tender Fee Amount / Online payment receipt	
2	Scan of EMD Amount / Online payment receipt	
3	Registration document as Approved Contractor in Appropriate Class	
4	Work completion certificate in Form No.3A (Experience Certificate as main contractor OR as sub-contractor as Per Qualification Requirement	
5	Last quarter's Liquid Assets certificate as per financial criteria	
6	Bidder's Net Worth for Last 3 financial years as per financial criteria	
7	Bank Solvency Certificate	
8	Provident Fund Code Number Documents	
9	GST Registration Number Documents	
10	Income Tax Return, Profit Loss Accounts and Balance sheet of Last Three Financial Years	
11	Nature of Firm:	
12	Partnership deed/Latest Form-G/ POA/Authorized Signatory Certificate for Partnership	
13	Self-Affidavit/POA/Authorized Signatory Certificate for Proprietorship	
14	PAN Number Document	
15	Filling Appendix 1 to 8 on Pg. 72 to 78	
16	NCLT/IBC undertaking in documents checklist(page-7)	

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Tender Notice No. **NTC/NRL/OCT-26/213**

Tender Subject: Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.

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)

Seal & Signature
(Party's Authorized Person)

Name :
Designation :

Name :

AFFIDAVIT CUM UNDERTAKING
(On Rs.300/- stamp paper duly notarized)

We, Shri _____ (names of all partners and POA holder) of M/s. _____ (name of partnership firm) having registered place of business at _____ do hereby solemnly state and affirm on Oath as under:

1. **That Form G up to last entry dated _____ has been submitted to GETCO by us.**

2. **That since this Form G is not of current year, it is affirmed that whatever entries specified by Registrar of Firms in this submitted Form G is true and correct and that, there is no any modification or change in any of the partners or other details. It is further affirmed that we are liable & bound to disclose to GETCO immediately, if there is any change and/or modification in partnership of this firm.**

3. **That if GETCO finds any undisclosed modification/amendment in partners or other details at any time, then they shall be entitled to take any legal action against us / partnership firm. GETCO shall be empowered to step-deal and /or black-list our firm for any contract, at such instances.**

4. **That whatever stated in aforesaid paras and contents therein are true and correct and shall be binding on all the partners of this partnership firm, which includes their heirs, representative, assignees, executors etc.**

Hence solemnly affirmed on this _____day of _____ months of 20_____at _____.

DEPONANTS
(name & sign of all partners / or POA Holders)

Dated:
Place:

2.1 The above-cited requirements are only indicative. The owner reserves the right to requisition any other relevant information and also reserves the right to reject the Bid proposal of any Bidder, if in the Owner's opinion the Qualification data is incomplete and Bidder is not qualified to perform the Contract satisfactorily.

3.0 Bidding Costs

All costs/expenses in the preparation and submission of the Bid (including any post Bid discussions/presentations) shall be fully borne by the Bidder. Owner will not be responsible/ liable for these costs irrespective of the course and conclusion of this Bidding.

B. BID DOCUMENTS

4.0 Details of Documents

4.1 The following Bid documents apart from Invitation to Bid detail the material and equipment specifications/characteristics, the bidding procedures and the terms & conditions of contract:

a. Instructions to Bidders (ITB-Part I)
b. General Conditions of Contract (GCC-Part I)
c. Erection Conditions of Contract (ECC-Part I)
d. Special Conditions of Contract (SCC-Part I)
e. Technical Specifications (TSP-Part IIA)
f. Technical Data Sheets (TDS-Part IIB)
g. Bid Form and Price Schedules (BF/PS-Part III)

5.0 Knowing the Bid Documents

5.1 Every intending Bidder is to examine and understand all instructions, forms, terms, conditions and specifications in the Bid Documents and fully know himself all the conditions and contents therein, which may in any manner, affect the scope & content of work and the costs thereof. Submission of a Bid not substantially responsive to the Bid Document in all respects and/or failure to furnish all information required by the Bid Document may entail rejection of the Bid at the Bidder's risk.

6.0 Clarifications on Bid Documents

6.1 In case an intending Bidder finds any discrepancy or omission in the documents and specifications or is in doubt as to the true meaning of any part, he shall make a request, in writing not later than the date of pre Bid discussion, to the owner in triplicate. The owner will issue explanations, interpretations and clarifications as deemed fit in writing as a response to this request. On receipt of such interpretations/clarifications, the Bidder may submit his Bid within the date and time stipulated in the Bid invitation. All such explanations, interpretations and clarifications from the Owner shall be deemed as part of Bid Documents and shall invariably accompany the Bidder's proposal.

6.2 Any verbal/telephonic clarifications and information given by the Owner or his employee (s) or his representative(s) will not in anyway be binding on the Owner.

7.0 Amendment of bidding document:

7.1 At any time prior to the deadline for submission of Bids the Owner may, for any reason, whether at his own initiative or in response to a clarification requested by the intending Bidder, modify the Bidding Document with amendment(s).

7.2 The amendment will be notified in writing or Fax /web site to all intending Bidders who have received the Bidding Document at the address contained in the letter of request for issue of Bidding document from the Bidders. Owner will bear no responsibility or liability arising out of non-receipt of the same in time or otherwise.

7.3 In order to afford prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Owner may, at his discretion, extend the deadline for the submission of bids.

7.4 Such amendments, clarifications etc. shall be binding on bidders and will be given due consideration by the Bidders while they submit their bids and shall invariably enclose such documents as a part of the bid.

C. PREPARATION OF BIDS

8.0 Language Of Bid:

8.1 The Bid prepared by the Bidder and all correspondence and documents relating to the Bid, exchanged by the Bidder and the Owner, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation of its pertinent passages. Failure to comply with this may disqualify a bid. For purposes of interpretation of the bid, the English translation shall govern.

8.2 Bid Format

Bidders have to make the Bid in the formats furnished with this Document. Verbatim without adding any printed/typewritten text of their own.

9.0 Local Conditions:

9.1 It will be imperative on each Bidder to fully inform himself of all local conditions and factors, which may have any effect on the execution of the Contract covered under these documents and specifications. The Owner shall not entertain any request for clarifications from the bidders, regarding such local conditions.

9.2 It must be understood and agreed that such factors have properly been investigated and considered while submitting the proposals. No claim for financial adjustment to the Contract awarded under these specifications and documents will be entertained by the owner. Neither any change in the time schedule of the Contract nor any financial adjustments arising thereof shall be permitted by the Owner, which are based on the lack of such clear information or its effect on the cost of the works to the Bidder.

10.0 Documents comprising the Bid:

10.1 The Bidder shall complete the Bid form inclusive of Price Schedules; Technical Data Requirements etc. furnished in the Bidding Documents, indicating, for the services to be rendered, a brief description of services, quantity and price.

10.2 The Bidder shall also submit documentary evidence to establish that the Bidder meets the Qualification Requirements as detailed in Clause 2.0 above and Special Conditions of Contract (including Clause 11 of I TB).

10.3 All Tender Documents/ formats are to be returned completed and filled in all respects and signed by the Company Authorized Signatory wherever specified.

10.4 The Bid Guarantee shall be furnished in a separate cover in accordance with clause specific ITB.

11.0 Scope of the proposal

11.1 The Scope of the proposal shall be on the basis of a single Bidder's responsibility, completely covering all the equipment erection and other installation services specified under the accompanying Technical Specifications. It will include among others as specified therein the following:-

e) Receipt of equipment and material from GETCO Nadiad Construction or Soja R&M store and transportation, storage, preservation and conservation of equipment at the Site.
f) Pre-assembly, if any, erection, testing and commissioning of all the equipments.
g) Reliability tests and performance and guarantee tests on completion of commissioning.

11.2 As specified in the Special Conditions of Contract, no deviation whatsoever to certain conditions of the bidding documents permitted by the Owner and therefore, the Bidders are advised that while making Bid Proposals and quoting prices these conditions may appropriately be taken into consideration. Bidders are required to furnish a certificate in this regard as per the format provided in Special Conditions of Contract in a separate sealed envelope containing Bid security, which shall accompany the Technical Bid. Any Bid not accompanied by such certificate shall be rejected by the Owner and shall not be opened.

11.3 Bids not covering the above cited entire scope of works may be treated as incomplete and hence rejected.

11.4 The Bidder shall complete all the schedules & annexure in the Bid Proposal Sheets, Technical Data Sheets and specified elsewhere. The Qualifying Data should be filled in the required schedule of Bid Proposal Sheets.

12.0 Bid Price:

12.1 The Bidder shall indicate percentage above/below of total bid price indicated in the appropriate price Schedules, enclosed in bid proposal sheets for erection, testing and commissioning, and other services it proposes to furnish under the contract. Prices quoted should be **in % Above/ Below on Estimated Cost.** However, detail bifurcation of Taxes applicable should be mentioned separately with Price bid

12.2 The Bidder shall specifically note that the Tenders are invited on percentage rate increase/decrease based in relation to unit rates of tender price schedule.

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

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

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

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

13.0 Price Basis:

13.1 The Price shall be quoted on firm basis.

13.2 The Price quoted by the bidder shall remain fixed during the bidder's performance of the contract and shall not be subject to variation on any account saving for change in quantity. A bid submitted with an adjustable price quotation shall be treated as non-responsive and rejected.

14.0 Taxes and Duties:

14.1 Works contract-tax:

The Civil, structural and architectural portion of the contract shall be treated as works contract Consequently, any sales tax payable on the cost of these items of supply under the works contract shall also be included by the bidder in his total bid price and the owner shall have no liability whatsoever in respect of such works contract tax. However, the owner will deduct works contract tax out of the supplier's bills as per statutory rules.

14.2 As regards the income Tax, will be levied as per prevailing rate on payment to contractors. Any other tax except specifically mentioned in tender will not be born by GETCO. The bidder shall be liable and rresponsible for payment of such taxes as attracted under the provisions of the law.

14.3 As regards the income Tax, surcharge on income tax and any other corporate tax, 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.

14.4 Notwithstanding the tax liabilities as per the sub-clause14.1 to14.4 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.

14.5 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.

14.6 The owner's liability for all taxes and duties under the contract shall be limited to those indicated by the Bidder in the Bid Proposal Sheets, subject to the statutory variations and variations as per Clause No. 14.7 supra.

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.

14.7 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.

14.8 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.

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

14.10 In addition, the conditions detailed under Special Conditions of Contract shall apply.

14.11 The contractor shall pay 1% welfare cess to the respective Govt. Department if applicable & the same will be reimbursed on production of proof of payment .Before release of payment of final bill, the contractor has to submit documentary evidence of payment of welfare cess of previous RA bill as well as of the final bill. Also, the bidder should submit the certified copy of welfare registration before 1st RA bill. The payment should be released after submission of said registration.

15.0 Welfare cess

1) 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.
2) Contractor shall get registered under welfare cess Act before commencement of work. Office of the factory inspector is authorized at present as a registering authority.
3) GETCO shall pay the welfare cess by way of reimbursing to contractors on production of documentary evidence of payment.
4) The contacts 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 contractor 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.

- 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.
- 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.
- Before release of payment of subsequent R.A.Bills, the contractor has to submit the documentary evidence of payment of welfare cess of previous R.A.Bill.
- Before release of payment of final bill, the contractor has to submit documentary evidence of payment of welfare cess of previous R.A.Bill as well as of this final bill.
- 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.
- The welfare cess shall be reimbursed to the contractor on submission of copy of documentary evidence of payment by observing due formalities

15.0 Time Schedule:

15.1 The basic consideration and the essence of the contract shall be strict adherence to the time schedule for performing the specified works.

15.2 The Owner's requirements of completion schedule for the Works are mentioned in the accompanying Special Conditions of Contract.

15.3 The completion schedule as stated in the special conditions of contract shall be one of the major factors in consideration of the bids.

16.0 Contract Quality assurance:

16.1 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 as detailed in relevant clause of the General Technical Conditions.

16.2 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.

16.3 The Bidder shall clearly specify the list of sub-vendors from whom the bought out items are being supplied wherever specifically indicated in the tender document shall supply only from those vendors. Such details shall be accompanied by their list of previous supplies made performance reports etc. However, in case of orders are placed, specific approval shall be obtained from the owner for the vendor-supplied materials.

17.0 Insurance:

STORAGE-CUM-ERECTION INSURANCE:- The contractor shall take suitable storage-cum-erection insurance cover at his cost to the extent of 100% cost of cost of sub-station / line materials, which are required to complete the sub-station / line. 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 the sub-station / line by GETCO. However, if the work is not completed within stipulated time limit as mentioned into work order, the MCE shall be extended by the contractor up to the work completion and taking over of line or SS by GETCO. Moreover, the change for extension of insurance shall be borne by contractor if the delay is attributed to the contractor. The charge for extension of insurance shall be reimbursed by GETCO to the contractor on production of proof for extension of MCE if the delay is attributed on the part of GETCO.

The contractor shall deal directly and pursue the claim with the insurance company and shall be responsible in regard to maintenance of all insurance coverage as well as for settlement of claim. The proof of insurance policy taken by the contractor shall be furnished / submitted to engineer-in-charge of GETCO.

No material shall be issued to bidder/erection agency in absence of such insurance policy. The risk shall be covered for lifting of materials from store to final handing over to GETCO. Further, in absence of the above insurance policy, R.A. bill payment will be withheld.

18.0 Erection Tools and Tackles:

The Bidder under a separate schedule, in his proposal shall include a list of all-special equipment tools & tackles etc. which he proposes to bring to site for the purpose of erection, handling, testing and commissioning including performance and guarantee tests of the equipment. If any such equipment is listed anywhere else in the proposal and not specially mentioned in the above schedule, it shall be deemed to have been included in the Bidder's proposed scope of supply.

19.0 Brand Names:

19.1 The specific reference in these specifications and documents to any material/equipment by brand name makes or catalogue number shall be construed as establishing standards of quality and performance and not as limiting competition. However, Bidders may offer other similar material/equipment provided they meet the specified standard, design and performance requirements. The Bidder shall furnish adequate technical information about such alternative material

equipment to enable the Owner to determine its acceptability. The Owner shall be the sole judge on the acceptability or otherwise of such alternatively material/equipment.

19.2 The bidder shall note that standards for workmanship material and equipment, and reference to brand name of catalogue numbers designed by the Owner in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand name and/or catalogue numbers in its bid, provided that it demonstrates to the Owner's satisfaction that the substitutions are substantially equivalent or superior to those designed in the Technical Specification.

20.0 Bid Security/EMD:

i.) (a) Bidders are requested to pay an earnest money deposit (1 % of estimated cost) either by **Online-payment (NEFT/RTGS) ONLY** for the amount as specified in the tender notice. Payment of EMD in any other form shall not be accepted.

(c) Payment by Cheque/Coop Bank Guarantee/ Company Guarantee is not permissible.

(d) Validity Period: - The offer should be valid for a minimum period of **180 days** from the date of opening of Technical bid.

20.2 The bid security is required to protect the owner against the risk of Bidder's conduct, which would warrant the guarantee forfeiture, pursuant to relevant paras elsewhere The bid guarantee shall be made payable to the Owner without any condition whatsoever.

20.3 The Owner as non-responsive will reject any bid not secured in accordance with Para 20.1 above. No exemptions are made in the furnishing of the security.

20.4 Unsuccessful Bidder's bid security/EMD will be returned/refunded on finalization of tender or three months from the date of submission of tender whichever is later.

20.5 The successful bidders, Bid Security will be discharged upon, furnishing the contract performance guarantee

20.6 The bid guarantee may be forfeited.

a) If a Bidder withdraws its bid during the period of bid validity specified by the bidder on the bid Form:
b) If a bidder refuses to accept the contract or fails to commence the works (including supplies within thirty days of letter of award of contract)

21.0 1. All Nationalized Banks.

22.0 (B) Guarantees issued by following Banks will be accepted as SD /EMD **for the period up to <u>March, 2024</u>** Or the issuance of new Government Resolution on the same subject whichever is earlier. The validity cut – off date in GR is with respect to date of issue of Bank Guarantee is irrespective of date of termination of Bank Guarantee.

23.0

No.	Bank Name	No.	Bank Name
1	A U Small Finance Bank	14	Nutan Nagrik Sahakari Bank Limited
2	Ahmedabad Mercantile Co. Operative Bank Limited	15	Rajkot Nagrik Sahkari Bank Limited
3	Axis Bank	16	RBI Bank
4	City Union Bank	17	Saraswat Co-operative Bank
5	DBS Bank India Limited	18	Saurashtra Gramin Bank

6	DCB Bank	19	Standard Charted Bank
7	Equitas Small Finance Bank	20	Tamilnadu Mercantile Bank
8	Federal bank	21	The Gujarat State Co-operative Bank
9	HDFC Bank	22	The Mehsana Urban Co-operative Bank Limited
10	ICICI Bank	23	The Surat District Co-operative Bank
11	IndusInd Bank	24	The Surat Peoples Co-operative Bank
12	Kalupur Commercial Co-operative Bank Limited	25	Ujjivan Small Finance Bank
13	Kotak Mahindra Bank		

24.0 Format of Bid:

24.1 The Bidder shall prepare two copies of the bid, clearly marking each "Original bid" and "Copy of Bid", as appropriate. In the event of any discrepancy between them the original shall govern. All the documents furnished in original document shall be furnished in other copies of Bids.

21.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized by the Bidder to sign the Contract. The letter of authorization shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, except for un-amended printed literature, shall be initiated by the person or persons signing the bid.

21.3 The Bidders must submit the qualifying data in one original and one duplicate copy as Required in this Instructions to Bidders in separate envelopes sealed and enclosed in the Envelope submitting proposals, super scribed as under: "QUALIFYING DATA FOR THE wok of "Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle."

The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initiated by the person or persons signing the bid.

21.5 Bids shall be submitted as under:

Cover-I Earnest Money Deposit (Bid-Security), Annexure (A), as per relevant clause of SCC duly signed and Contractor's covering letter. Tender fee details (as per tender notice)

Cover-II Price Bid & Technical Bid

No Hard/Physical copy of technical Bid/Qualifying requirement documents and Price/Commercial bid required in physical submission. Technical Bid and Price bid must be consider from N-Code/Online only.

25.0 Signature Of Bids:

25.1 The bid must contain the name, residence and place of business of the person or persons making the bid and must be signed and sealed by the Bidder with his usual signature. The names of all persons signing should also be typed or printed below the signature.

22.2 Bid by a partnership must be furnished with full names of all partners and be signed with the partnership name; followed by the signature(s) and designation(s) or the authorized partner(s) or other authorized representative(s).

22.3 Bids by Corporation/Company must be signed with the legal name of the Corporation/Company by the President/Managing Director or by the Secretary or other person or persons authorized to bid on behalf of such Corporation/Company in the matter.

22.4 A bid by a person who affixes to his signature the word 'President', 'Managing Director', 'Secretary', 'Agent' or other designation without disclosing his Principal will be rejected.

22.5 If it is found that two or more persons who are connected with one another either financially or as a principal and agent have bid under different names without disclosing their connection then such bids will be liable for rejection. Satisfactory evidence of authority of the person signing on behalf of the Bidder shall be furnished with the bid.

22.6 The Bidder's name stated on the proposal shall be the exact legal name of the firm.

24.0 Deadline for submission of bids :

24.1 The Bidders have the option of sending the bid by registered post or by speed post. Bids submitted by telex/telegram will not be accepted. No request from any Bidder to the Owner to collect the proposals from airlines, cargo agent etc. shall be entertained by the Owner.

24.2 Bids must be received by the Owner at the address specified under Para 23.3, not later than the time & date mentioned in the Invitation to Bid.

24.3 The Owner may, at its discretion, extend this deadline for the submission of bids by amending the Bidding Document in which case all rights and obligations on the Owner and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

25.0 Late Bids

25.1 Any bid received by the Owner after the time and date fixed or extended for submission of bids prescribed by the Owner, will be rejected and not considered for evaluation.

26.0 Modification and withdrawal of bids :

26.1 The Bidder may modify or withdraw its bid after the bid's submission provided that written notice of the modification or withdrawal is received by the Owner prior to the deadline prescribed for submission of bids.

26.2 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of clause 23.0. The envelope should clearly indicate whether the modification is for the Technical bid or the Price bid. No bid modifications notice by Telex/Grams/Fax shall be entertained by the Owner.

26.3 No bid shall be modified in any manner, whatsoever subsequent to the deadline for submission of bids.

26.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal/modification of a bid during this interval may result in the Bidder's forfeiture of its bid security.

27.0 Information required with the proposal:

27.1 The bids must clearly indicate the name of the manufacturer, the type and/or model of each principal item of equipment proposed to be furnished and erected. The bid should also contain drawings and descriptive materials indicating general dimensions, materials from which the parts are manufactured, principles of operation, the extent of pre-assembly involved, major construction equipment proposed to be deployed, method of erection and the proposed erection organizational structure.

27.2 The above information shall be provided by the Bidder in the form of separate sheets, drawings, catalogues, etc. in five copies.

27.3 Any bid not containing sufficient descriptive material to describe accurately the equipment proposed may be treated as incomplete and hence rejected. Such descriptive materials and drawings submitted by the Bidder will be retained by the Owner. Any major departure from these drawings and descriptive material submitted will not be permitted during the execution of the Contract without specific written permission of the Owner.

27.4 Oral statements made by the Bidder at any time regarding quality, quantity or arrangement of the equipment or any other matter will not be considered.

27.5 Standard catalogue pages and other documents of the Bidder may be used in the bid to provide additional information and data as deemed necessary by the Bidder.

27.6 The Bidder, along with his Proposal, shall submit a list of recommended erection equipment and materials which will be required for the purpose of erection of equipment and materials supplied under the Contract.

27.7 In case the 'Proposal' information contradicts specification requirements, the specification requirements will govern, unless otherwise brought out clearly in the technical commercial deviation schedule.

E. BID OPENING AND EVALUATION

28.0 Opening of bids by owner:

28.1 The Owner will open the technical bids (Cover –I, II, and III) in the presence of Bidder's representatives who choose to attend on the date and time mentioned for opening of bids in the Invitation to Bid or in case any extension has been given thereto, on the extended bid opening date and time notified to all the Bidders who have purchased the bidding document. The Bidder's representatives who are present shall sign a register evidencing their attendance.

28.2 The Bidder's names, Technical modifications, Bid withdrawal and such other details as the Owner, at his discretion may consider appropriate, will be announced in the Technical Bid Opening.

28.3 The price bids to be filled up on line on website https://getco.nprocure.com

28.4 The Bidder's name, lump sum Bid Price, all discounts if any, modifications in the Price Bid and any such other details as the Owner, at his discretion, may consider appropriate, will be announced/ furnished in the Price Bid Opening.

28.5 No electronic recording/transmitting devices will be permitted during Bid opening.

29.0 Purpose of evaluation of bids:

29.1 The Bids received/accepted/opened will be evaluated by the Owner to ascertain the technical responsiveness of the bid for the complete scope of the proposal, as covered under these specifications and documents. All technically responsive bids shall then be examined to determine the LOWEST EVALUATED COMMERCIALLY AND TECHNICALLY RESPONSIVE BIDS.

30.0 Policy for bids under consideration:

30.1 Bids shall be deemed to be under consideration immediately after opening of Technical Bid and until such time official intimation of award/rejection is made by the Owner to the Bidders. While the Bids are under consideration, Bidders and/or their representatives and other interested parties are advised to refrain from contacting by any means, the owner and/or his employee's representatives on the matters related to Bids under consideration.

30.2 Clarification of bids:

To assist in the examination evaluation and comparison of Bids the owner may on his own ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

31.0 Preliminary Examination:

31.1 The Owner will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

31.2 Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the latter shall prevail and the total bid amount will be corrected accordingly. If there is a discrepancy between words 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 Bid Security will be forfeited. The Bidder should ensure that the prices furnished in various price schedules are consistent with each other. In the case of any inconsistency in the prices furnished in the specified prices schedules to be identified in Bid Form for this purpose, 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.

31.3 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 recourse to extrinsic evidence.

31.4 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.

31.5 The Owner may waive any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

32.0 Evaluation of Price Bids:

32.1 Definitions and Meanings:

For the purpose of the evaluation and comparison of bids, the following meanings and definition will apply:-

a) 'Bid Price' shall mean the price quoted by each Bidder in his proposal for the complete scope of works.

d) 'Evaluated Bid Price' shall be summation of 'Bid Price', 'Differential Price' and 'Cost Compensation for Deviations.'

33.0 Calculation of differential Price & Cost Compensation for Deviations.

The Differential Price to be added to the Bid Price of each bid during evaluation and comparison shall be derived as under:

Differential Price (DP)=n1F1+n2F2…+nnFn, where F1, F2…Fn are the various factors in Indian Rupees per unit of parameter differential or deficiency in the equipment and services offered as stipulated in these specifications: n1, n2…nn are the respective parameter differential or deficiency in the corresponding units to be determined from the Bidder's proposal. The above factors and corresponding units of parameter differential are derived from the Technical Specifications, Data sheets and/or Special Conditions of Contract.

Deviations from the Bidding Documents in so far as practicable will be converted to a Rupee value (D) and from the Bidding Document while evaluating the bids. In determining the Rupee value of the deviations the Owner will use parameters consistent with those specified in the specifications and documents and or other information as necessary and available to the Owner.

33.1 Comparison of Bids

The bids shall be compared on the basis of lump sum prices (i.e., for erection services to be rendered as quoted by the Bidder) for the entire scope of the proposal as defined in the Bidding Document.

For comparison purposes all the evaluated bid prices shall be in Indian Rupees as under:
W = Q + DP + D
Where
W = Total Comparison Price
Q = Bid Price quoted by the bidder in Indian Rupees (Value Of erection cost including other components if any.)

DP = Different price in Indian Rupees calculated as above
D = Cost compensation for deviations calculated as above.

All evaluated bid prices of all the bidders shall be compared among themselves to determine the lowest evaluated bid and, as a result of this comparison, the lowest bid will be selected for the award of the Contract.

F. AWARD OF CONTRACT

34.0 Award Criteria

34.1 The owner will award the contract to the successful Bidder, whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, providing further that the Bidder is determined to be qualified to perform the contract satisfactorily. The Owner shall be the sole judge in this regard.

34.2 Further, the Owner reserves the right to award separate contracts to two or more parties in line with the terms and conditions specified in the accompanying Technical Specifications.

35.0 Owner's right to accept any bid and to reject any or all bids:

35.1 The Owner reserves the right to accept or reject any bid, and to annual the bidding process and reject all bids at time prior to award of contract, any without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Owner's action.

36.0 Notification of award:

36.1 Prior to the expiration of the period of bid validity and extended validity period, if any, the Owner will notify the successful Bidder in writing by registered letter or cable or telex or FAX, to be confirmed in writing by registered letter, that its bid has been accepted.

36.2 The notification of award will constitute the formation of the Contract.

36.3 Upon the successful Bidder's furnishing of performance guarantee pursuant to relevant clause 38 .0, the Owner will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to Clause 20.0.

37.0 Signing of contract:

37.1 At the same time as the Owner notifies the successful Bidder that his bid has been accepted, the Owner will send the Bidder the detailed of Award, incorporating all agreements between the parties.

37.2 Within 15 days of receipt of the detailed of Award, the successful bidder shall sign the same with date and return it to the Owner.

37.3 The Bidder will prepare the Contract Agreement as per the Performa prescribed and the same will be signed within 30 (Thirty) days of notification of Award.

38.0 Contract Performance Guarantee:

38.1 As a contract performance security, the successful bidder, to whom the work is awarded, shall be required to furnish a performance guarantee in form of Bank guarantee from a Public Sector Indian bank/Scheduled, Commercial Bank in the form to be furnished.. The guarantee amount shall be equal to ten percent (10%) of the Contract price and it shall guarantee the faithful performance of the Contract in accordance with the terms and conditions specified in these documents and specifications. the guarantee shall be valid up to 90 days after the end of Warranty Period.

38.2 The Performance Guarantee shall cover additionally the following guarantees to the Owner:

a) The successful Bidder guarantees the successful and satisfactory operation of the equipment furnished and erected under the Contract, as per the specifications and documents.

b) The successful Bidder further guarantees that the equipment provided by him/his sub-vendors and installed by him shall be free from all defects in design, material and workmanship and shall upon written notice from the Owner fully remedy free of expenses to the Owner such defects as developed under the normal use of the said equipment within the period of guarantee specified in the relevant clause of the General Terms and Conditions in the Part-I/Special Conditions of Contract.

38.3 The Contract Performance Guarantee is intended to secure the performance of the entire contract. However, it is not to be construed as limiting the damages under clause entitled "Equipment Performance Guarantee" in Technical Specifications, Part-II and damages stipulated in other clauses in the Bid documents.

38.4 The performance guarantee will be discharged without any interest at the end of guarantee period, unless otherwise specified in Special Conditions of Contra.

38.5 Contractor has submitted certify copy of Reg. / Ele. Reg./ VAT Reg./Partnership deed/PAN Card/PF reg. and solvency certificate / Experience certificate in Technical bid.

38.6 Once price bid submitted same will be consider only. Revised after shall not consider at the time at opening of tender.

38.7 Tenderer has to submit only one price bid revised price bid will not be consider.

39.0 Relationship with employee:

Every bidder should, at time of submission of bid, give a declaration as under,

"If in 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.

Tenderer therefore, must specifically disclose the fact in his technical bid. Nondisclosure of such facts would immediately disqualify the tenderer for further dealing with the tendering company."

40. Conflict of Interest among Bidders / Agents

A bidder shall not have conflict of interest with other bidders. 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, 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 authorize 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.

41. Use of 'Call Before u Dig' (CBuD) mobile application:
Bidder is note that it is mandatory to use 'Call Before u Dig' (CBuD) mobile application for all excavators prior to any type of excavation / digging.

42. 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.

PART-I GCC

GENERAL TERMS & CONDITIONS OF CONTRACT

A. INTRODUCTION

1.0 **DEFINITION OF TERMS**

1.1 The 'Contract' means the agreement entered into between the Owner and the Contractor as per the Contract Agreement signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

1.2 '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.

1.3 'Contractor' shall mean the Bidder whose bid is accepted by the Owner for the award of the Works and shall include such successful Bidder's legal representatives, successors and permitted assigns.

1.4 'Engineer' shall mean the officer appointed in writing by the Owner to act as Engineer from time to time for the purpose of the Contract.

1.5 The terms 'Stores' and 'Materials' shall mean and include equipment, stores and materials to be issued to the Contractor under the Contract.

1.6 'Works' shall mean and include taking delivery of line materials labor and services, as per the Specifications and complete erection, testing and putting into satisfactory operation including all transportation, handling, unloading and storage at the Site as defined in the Contract.

1.7 'Specifications' shall mean the Specifications and Bidding Document forming a part of the Contract and such other schedules and drawings as may be mutually agreed upon.

1.8 Site' shall mean and include the land and other places on, into or through which the works and the related facilities are to be erected or installed and any adjacent land, paths, street or reservoir which may be allocated or used by the Owner or Contractor in the performance of the Contract.

1.9 The term 'Contract Price' shall mean the lump-sum price quoted by the Contractor in his bid with additions and/or deletions as may be agreed and incorporated in the Letter of Award and the contract agreement for the entire scope of the works.

1.10 Site Engineer 'Inspector' shall mean the owner's Engineers or any person nominated by the time to inspect the equipment; stores or Works under the Contract and/or the duly authorized representative of the Owner.

1.11 'Notice of Award of Contract'/'Letter of Award'/'Telex of Award' shall mean the official notice issued by the Owner notifying the Contractor that his bid has been accepted.

1.12 'Order' shall mean the official letter issued by the Owner informing the acceptance of the bid.

1.13 'Date of Contract' shall mean the date on which letter of commencement of work issued by the respective sub division deputy engineer.

1.14 'Month' shall mean the calendar month. 'Day' or 'Days' unless herein otherwise expressly defined shall mean calendar day or days of 24 hours each.

A 'Week' shall mean continuous period of seven (7) days.

1.15 Writing' shall include any manuscript, type written or printed statement, under or over signature and/or seal as the case may be.

1.16 When the words 'Approved', 'Subject to Approval', 'Satisfactory', 'Equal to', 'Proper', 'Requested', 'As Directed', 'Where Directed', 'When Directed', 'Determined by', 'Accepted', 'Permitted', or words and phrases of like importance are used the approval, judgment, direction etc. is understood to be a function of the Owner/Engineer.

1.17 Test on completion shall mean such tests as prescribed in the Contract to be performed by the Contractor before the work is taken over by the Owner.

1.18 'Performance and Guarantee Tests', shall mean all operational checks and tests required to determine and demonstrate capacity, efficiency, and operating characteristics as specified in the Contract Documents.

1.19 The term 'Final Acceptance'/'Taking Over' shall mean the Owner's written acceptance of the Works performed under the Contract, after successful commissioning/completion of Performance and Guarantee Tests, as specified in the accompanying Technical Specifications or otherwise agreed in the Contract.

1.20 'Latent Defects' shall mean such defects caused by faulty designs, material or work-man- ship which cannot be detected during inspection, testing etc, based on the technology available for carrying out such tests.

1.21 'Codes' shall mean the following including the latest amendments and/or replacements, if any:

a) Indian Electricity Act, 1905 and Rules and Regulations made there under.

b) Electricity Act 2003 and Rules & Regulations made there under.

c) Indian Factory Act, 1948 and Rules and Regulations made there under.

d) Indian Explosives Act, 1884 and Rules and Regulations made there under.

e) Indian Petroleum Act, 1934 and Rules and Regulations made there under.

f) A.S.M.E. Test Codes.

g) A.I.E.E. Test Codes.

h) American Society of Materials Testing Codes.

i) Standards of the Indian Standards Institution.

j) Other Internationally approved standards and/or rules and regulations touching the subject matter of the Contract.

1.22 Words imparting the singular only shall also include the plural and vice –versa where the context so requires.

1.23 Words imparting 'Person' shall include firms, companies, corporations and associations or bodies of individuals, whether incorporated or not.

1.24 Terms and expressions not herein defined shall have the same meaning as are assigned to them in the Indian Sale of Goods Act (1930), failing that in the Indian Contract Act (1872) and failing that in the General Clauses Act (1897) including amendments thereof, if any.

Or

1.25 In addition to the above the following definitions shall also apply.

a) 'All equipment and materials' to be supplied shall also mean 'Goods'.

b) 'Constructed' shall also mean 'erected and installed'.

c) 'Contract Performance Guarantee' shall also mean 'Contract Performance Security'.

2.0 APPLICATION

These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3.0 STANDARDS

The works carried out under this Contract shall conform to the all statutory regulation and provisions the acts, mentioned in the Technical Specifications, and, when no regulations or standard is mentioned, to the authoritative regulations or standards/ Act, appropriate to the works and such stipulations shall be the latest issued by the concerned institution.

4.0 LANGUAGE AND MEASURES

All documents pertaining to the Contract including specifications, schedules, notices, correspondences, operating and maintenance instructions, drawings or any other writing shall be written in English language. The Metric System of measurement shall be used exclusively in the Contract.

5.0 CONTRACT DOCUMENTS

5.1 The term Contract Documents shall mean and include the following which shall be deemed to form an integral part of the Contract:

a) Invitation to Bid including letter forwarding the Bidding Documents, Instructions to Bidders, General Terms and Conditions of Contract and all other documents included under Volume- I and the Special Conditions of Contract.

b) Specifications of the erection of the equipments and other technical services to be provided under the Contract as brought out in the accompanying Technical Specifications.

c) Contractor's Bid Proposal and the documents attached there to including the letters of clarifications thereto between the Contractor and the Owner prior to the Award of Contract except to the extent of repugnancy.

d) All the materials, literature, data and information of any sort given by the Contractor along with his bid, subject to the approval of the Owner /Consultant.

e) Letter of Award and any agreed variations of the conditions of the documents and special terms and conditions of Contract, if any.

5.2 In the event of any conflict between the above mentioned documents the matter shall be referred to the Engineer whose decision shall be considered as final and binding upon the parties.

6.0 USE OF CONTRACT DOCUMENTS AND INFORMATION

6.1 The Contractor shall not, without the Owner's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Owner in connection therewith, to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for the purpose of such performance.

6.2 The Contractor shall not, without the Owner's prior written consent, make use of any document or information enumerated in various Contract documents except for the purpose of performing the Contract.

6.3 The Contractor shall not communicate or us in advertising, publicity, sales releases or in any other medium, photographs or other reproduction of the Works under this Contract, or descriptions of the site, dimensions, quantity, quality or other information, concerning the works unless prior written permission has been obtained from the Owner.

6.4 Any document, other than the Contract itself, enumerated in various Contract documents shall remain the property of the Owner and shall be returned (in all copies) to the Owner on completion of the Contractor's performance under the Contract if so required by the Owner.

7.0 CONSTRUCTION OF THE CONTRACT

7.1 Notwithstanding anything stated elsewhere in the bid documents, the Contract to be entered into will be treated as a single Contract.
Award shall be placed on the successful Bidder as follows:

For providing services like inland transportation, insurance for delivery at site, unloading, storage, handling at site, installation, testing and commissioning including performance testing in respect of all the equipment material equipment/materials given by the owner after observing standard store procedures for transport from owner's stores, insurance, unloading storage handling at site installation testing & commissioning.

7.2 In case erection Contract, or where the Owner hands over his equipment to the Contractor for executing, then the Contractor shall at the time of taking delivery of the equipment/dispatch documents be required to execute an Indemnity Bond in favor of the Owner in the form acceptable to the Executive engineer (TR.) GETCO Chhatral for keeping the equipment in safe custody and to utilize the same exclusively for the purpose of the said Contract. Samples of Performa for the Indemnity Bond will be furnished during award of Contract.

7.3 The Contract shall in all respects be construed and governed according to Indian Laws.

7.4 It is clearly understood that the total consideration for the Contract(s) has been broken up into various components only for the convenience of payment under the Contract(s) and for the measurement of deviations or modifications under the Contract(s).

8.0 JURISDICTION OF CONTRACT

8.1 The laws applicable to the Contract shall be the laws in force in India. The Courts o**f NADIAD** shall have exclusive jurisdiction in all matters arising under this Contract.

9.0 EXECUTION OF CONTRACT:

9.1 The Owner, after the issue of the Letter of Award to the Contractor, will send one copy of the final agreement to the Contractor for his scrutiny and approval.

9.2 The Agreement, unless otherwise agreed to, shall be signed within 10 days of the acceptance of the Letter of Award, at the office the Owner at Jambuva on a date and time to be mutually agreed. The Contractor shall provide for signing of the Contract, Performance Guarantee, appropriate power of attorney and other requisite materials. In case the Contract is to be signed beyond the stipulated time, the Bid Guarantee submitted with the Proposal will have to be extended accordingly.

9.3 The Agreement will be signed in copies to be specified and the Contractor shall be provided with one signed original and the rest will be retained by the Owner.

9.4 The Contractor shall provide free of cost to the Owner all the Engineering data, drawings, and descriptive materials submitted with the bid, to form a part of the Contract immediately after issue of Letter of Award

9.5 Subsequent to signing of the Contract, the Contractor at his own cost shall provide the Owner with copies of agreement within fifteen (15) days after the signing of the Contractor.

10.0 ENFORCEMENT OF TERMS

10.1 The failure of either party to enforce at any time any of the provisions of this Contract or any rights in respect thereto or to exercise any option therein provided, shall in no way be construed to be a waiver of such provisions, rights or options or in any way to affect the validity of the Contract. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have under the Contract.

11.0 COMPLETION OF CONTRACT

11.1 Unless otherwise terminated under the provisions of any other relevant clause, this Contract shall be deemed to have been completed on the expiry of the guarantee period as provided for under the clause entitled 'Guarantee' in this section of the Volume-I.

B. GUARANTEES & LIABILITIES

12.0 TIME – THE ESSENCE OF CONTRACT

12.1 The time and the date of completion of the Contract as stipulated in the Contract by the Owner without or with modifications, if any, and so incorporated in the Letter of Award, shall be deemed to be the essence of the Contract. The Contractor shall so organize his resources and perform his work as to complete it not later than the date agreed to.

12.2 The Contractor shall submit a detailed bar chart within the time frame agreed consisting of adequate number of activities covering various key phases of the work such as field erection activities within five (5) days of the date of Notification of Award. This network shall also indicate the interface facilities to be provided by the Owner and the dates by which such facilities are needed. The Contractor shall discuss the network so submitted with the Owner and the agreed network shall form part of the Contract documents. During the performance of the Contract, if in the opinion of the Engineer, proper progress is not maintained, suitable changes shall be made in the Contractor's operations to ensure proper progress without any cost implication to the Owner. The interface facilities to be provided by the Owner in accordance with the agreed network shall also be reviewed while reviewing the progress of the Contractor.

12.3 Based on the above agreed network/bar chart fortnightly reports shall be submitted by the Contractor as directed by the Engineer.

12.4 Subsequent to the finalization of the network, the Contractor shall make available to the Engineer a detailed programme in line with the agreed Contract network.
Such programme shall be reviewed, updated and submitted to the Engineer every month thereafter.
12.5 The above bar charts/ programme shall be compatible with the Owner's computer environment and furnished to the Owner on such media as may be desired by the Owner.

13.0 EFFECTIVENESS OF CONTRACT

The Contract shall be considered as having come into force from the date of the commencement given by the respective construction sub division unless otherwise provided in the notification of award.

14.0 PENALTY FOR DELAY

14.1 If the Contractor fails to successfully complete the work within the time fixed under the Contract, the Contractor shall pay to the Owner as penalty a sum specified for each specified period of delay. The details of such penalty are brought out in the accompanying Special Conditions of Contract in clause no. 10 (SCC).

15.0 GUARANTEE

15.1 In the event of any emergency where in the judgment of the Engineer, delay would cause serious loss or damages, repairs or adjustment may be made by the Engineer or a third party chosen by the Engineer without advance notice to the Contractor and the cost of such work shall be paid by the Contractor. In the event such action is taken by the Engineer, the Contractor will be notified promptly and he shall assist wherever possible in making necessary corrections. This shall not relieve the Contractor of his liabilities under the terms and conditions of the Contract.

15.2 If it becomes necessary for the Contractor to rectify or renew any defective portions of the works the provision of this clause shall apply to portion of the works so rectified or corrected until the expiry of six (6) months from the date of such rectification or correction. If any defects are not rectified within a reasonable time, the Engineer may proceed to do the work at the Contractor's risk and cost but without prejudice to any other rights which the Owner may have against the Contractor in respect of such defects.

15.3 The rectification or correction of the work will be carried out free of cost by the Contractor. If any rectification or correction is carried out on his behalf at the site, the Contractor shall bear the cost of such rectification or correction.

15.4 The acceptance of the works by the Engineer shall in no way relieve the Contractor of his obligations under this clause.

15.5 At the end of the guarantee period, the Contractor's liability ceases except for latent defects. For latent defects, the Contractor's liability as mentioned in Clause Nos. 15.1 through 15.4 above shall remain till the end of 6 months from the date of completion of guarantee period.

16.0 TAXES, PERMITS & LICENCES

The Contractor shall be liable and pay all non-Indian taxes, duties, levies lawfully assessed against the Owner or the Contractor in pursuance of the Contract. In addition the Contractor shall be responsible for payment of all Indian duties, levies and taxes lawfully assessed against the Contractor for his personal income & property only.

18.0 DEFENCE OF SUITS

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

20.0 LIMITATION OF LIABILITIES

The final payment by the Owner in pursuance of the Contract shall mean the release of the Contractor from all his liabilities under the Contract. Such final payment shall be made only at the end of the Guarantee/Warranty period or after finalization of material account and final bill and till such time as the Contractual liabilities and responsibilities of the Contractor, shall prevail. All other payments made under the Contract shall be treated as on-account payments.

21.0 ENGINEER'S DECISION

21.1 In respect of all matters which are left to the decision of the Engineer including the granting or with-holding of the certificates, the Engineer shall, if required to do so by the Contractor, give in writing a decision thereon.

21.2 If, in the opinion of the Contractor, a decision made by the Engineer is not in accordance with the meaning and intent of the Contract, the Contractor may file with the Engineer, within fifteen (15) days after receipt of the decision, a written objection to the decision.

Failure to file an objection within the allotted time will be considered as an acceptance of the Engineer's decision and the decision shall become final and binding.

21.3 The Engineer's decision and the filing of the written objection thereto shall be a condition precedent to the right to request arbitration. It is the intent of the Agreement that there shall be no delay in the execution of the works and the decision of the Engineer as rendered shall be promptly observed.

22.0 POWER TO VARY OR OMIT WORK

22.1 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.

22.2 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.

22.3 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.

22.4 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.

22.5 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.

22.6 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.

23.0 ASSIGNMENT AND SUB-LE TTING OF CONTRACT:

No subletting of contract is allowed. Contractor should carry out work on his own under his or his authorized supervisor and by labors employed by him.

24.0 CHANGE OF QUANTITY

24.1 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.

24.2 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.

26.0 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.

27.0 NO WAIVER OF RIGHTS

Neither the inspection by the Owner or the Engineer or any of their officials, employees, or agents nor any order by the Owner or the Engineer for payment of money or any payment for or acceptance of, the whole or any part of the Works by the Owner or the Engineer, nor any extension of time, nor any

possession taken by the Engineer shall operate as a waiver of any provision of the Contract, or of any power herein reserved to the Owner or any right to damages herein provided nor shall any waiver of any breach in the Contract be held to be a waiver of any other or subsequent breach.

28.0 CERTIFICATE NOT TO AFFECT RIGHT OF OWNER AND LIABILITY OF THE CONTRACTOR.

No interim payment certificate of the Engineer, nor any sum paid on account by the Owner, nor any extension of time for execution of the Works granted by the Engineer shall affect or prejudice the rights of the Owner against the Contractor or relieve the Contractor of his obligation for the due performance of the Contract, or be interpreted as approval of the Works done or of the equipment furnished and no certificate shall create liability for the Owner to pay for alterations, amendments, variations or additional works not ordered, in writing , by the Engineer or discharge the liability of the Contractor for the payment of damages whether due, ascertained, or certified or not or any sum against the payment of which he is bound to indemnify the Owner, nor shall any such certificate nor the acceptance by him of any sum paid on account or otherwise affect or prejudice the rights of the Owner against the Contractor.

29.0 PROGRESS REPORTS

During the various stages of the work in pursuance of the Contract, the Contractor shall at his own cost submit periodic progress reports as may be reasonably required by the Engineer with such materials as, charts, net-works, photographs, test certificates, etc. Such progress reports shall be in the form and size as may be required by the Engineer.

30.0 TAKING OVER

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

C. CONTRACT SECURITY AND PAYMENTS

31.0 CONTRACT PERFORMANCE GUARANTEE

The Contractor shall furnish Contract Performance Guarantee(s) for the proper fulfillment of the Contract in the prescribed form within fifteen (15) days of “Notice of Award of Contract”. The performance guarantee(s) shall be as per terms prescribed.

32.0 PAYMENT

32.1 The payment to the Contractor for the performance of the works under the Contract will be made by the Owner as per the guidelines and conditions specified herein. All payments made during the Contract shall be on account payments only. The final payment will be made on completion of all Works and on fulfillment by the Contractor of all his liabilities under the Contract and production of work completion certificate of the Sub-Station in-charge, after following the procedure’s of GETCO.

Payment of Invoice will be done as mentioned below.

1. 80% of FOR destination price (on Adhoc basis)
2. 20% of FOR destination price & GST be kept under retention account and be released towards final settlement of such invoice after verifying benefits of higher ITC passed on to the GETCO, based on Certificates from Practicing CA firm in regard to passing of ITC and reduction in Tax instance.

It is to state that under GST Regime, the Suppliers will be entitled to Input Tax Credit (ITC) in respect of Tax paid on input goods & service used by him as against the earlier Tax regime where CENVAT

Credit was available on account of Excise Duty and Input Tax Credit was available on account of VAT. Hence under Statutory Variation clause, Excise Duty clause and extension in Contractual delivery clause of Purchase Order & Works Order, the Supplier or Contractor are supposed to pass on benefit on account of higher Input Tax Credit now available, due to introduction of GST, for ongoing and pending supply &I works orders.

Considering, the Anti Profiteering provision of GST and Excise Duty and Statutory Variation clause of Purchase Order and Works Order issued by GETCO, invoive will be processed & paid on Adhoc/ provisional basis as mentioned above keeping balance 20% of FOR destination price + GST under retention account.

32.2 Currency of Payment

All payments under the Contract shall be in Indian Rupees only.

32.3 Terms.

Payment terms will be as prescribed in the special conditions of contract and on fulfillment of conditions specified thereof.

33.1 Application for Payment

33.2 The Contractor shall submit application for the payment in the prescribed preformed of the Owner. Performa for application for payment will be as prescribed.

34.1 Each such application shall state the amount claimed and shall set forth in detail, in the order of the Payment Schedule, particulars of the Works including the Works executed at Site and of the equipment shipped/brought on to the site pursuant to the Contract up to the date mentioned in the application and for the period covered since the last preceding certificate, if any.

34.2 Every interim payment certificate shall certify the Contract value of the Works executed up to the date mentioned in the application for the payment certificate, provided that no sum shall be included in any interim payment certificate in respect of the works that, according to the decision of the Engineer, does not comply with the Contract.

34.3 Mode of Payment

34.4 Payment due on completion of work shall be made by the Owner through Owner's Bank or directly to the Contractor as per the payment schedule.

34.5.1 All payments under the Contract shall be made as stipulated in the Special Conditions of Contract after signing the Contract Agreement.

Progressive payments linked with erection shall only be made after the issue of certificates by the Engineer, one for the quantum of work completed and the other for the successful completion of quality check points involved in the quantum of work billed.

35.0 DEDUCTIONS FROM CONTRACT PRICE

All costs, damages or expenses which the Owner may have paid, for which under the Contract the Contractor is liable, or any other retention award will be claimed by the Owner. All such claims shall be billed by the Owner to the Contractor regularly as and when they fall due. Such bills shall be supported by appropriate and certified vouchers or explanations, to enable the Contractor to properly identify such claims. Such claims shall be paid by the Contractor within thirty (30) days of the receipt of the corresponding bills and if not paid by the Contractor within the said period, the Owner may then deduct the amount, from any monies due or becoming due by him to the Contractor under the Contract or may be recovered by sections of Law or otherwise.

38.0 LIABILITY FOR ACCIDENTS AND DAMAGES

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

39.0 DELAYS BY OWNER OR HIS AUTHORISED AGENTS

39.1 In case the Contractor's performance is delayed due to any act of omission on the part of the Owner or his authorized agents, then the Contractor shall be given due extension of time for the completion of the Works, to the extent such omission on the part of the Owner has caused delay in the Contractor's performance of the Contract.

Regarding reasonableness or otherwise of the extension of time, the decision of the Engineer shall be final.

39.2 In addition, the Contractor shall be entitled to claim demonstrable and reasonable compensation if such delays have resulted in any increase in cost. The Owner shall examine the justification for such a request for claim and if satisfied, the extent of compensation shall be mutually agreed depending upon the circumstances at the time of such an occurrence.

40.0 DEMURRAGE, WHARFAGE, ETC.

All demurrage, wharf age and other expenses incurred due to delayed clearance of the material or any other reason shall be to the account of the Contractor.

41.0 FORCE MAJEURE

41.1 Force majeure is herein defined as any cause which is beyond the control of the Contractor or the Owner as the case may be, which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affects the performance of the Contract, such as:

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.

41.2 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.

42.0 SUSPENSION OF WORK

42.1 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.

42.2 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.

43.0 CONTRACTOR`S DE FAULT

43.1 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 to 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 recontract 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, and If the sum that the Contractor is entitled to be paid plus the costs incurred by the Owner in completing the works, exceeds the Contract Price or the entire works i entire works have been com leted or the rice or art o the works if part of the works have been completed, the Contractor shall be liable for such excess.
If such excess is areater 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 encash the Bank Guarantees of Contractor available with Owner/s and retain such other payments 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.

43.2 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.

43.3 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.

44.0 TERMINATION OF CONTRACT ON OWNER`S INITIATIVE

44.1 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.

44.2 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.

44.3 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.

45.0 FRUSTRATION OF CONTRACT

45.1 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.

45.2 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.

45.3 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.

46.0 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

47.0 SETTLEMENT OF DISPUTES

47.1 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.

47.2 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.

47.3 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.

47.4 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.

47.5 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.

48.0 ARBITRATION

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

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

48.1.2 The arbitration shall be conducted in accordance with the provisions of the Indian Arbitration Act, 1940 or any statutory modification thereof. The venue of arbitration shall be Vadodara.

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

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

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

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

49.0 RECONCILIATION OF ACCOUNTS

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

PART-I ECC

ERECTION CONDITIONS OF CONTRACT

1.0 GENERAL

1.1 The following shall supplement the conditions already contained in other parts of these specifications & document and shall govern the portion of the work of this Contract to be performed at Site.

1.2 The Contractor upon signing of the Contract shall, nominate a responsible officer as his representative at Site suitably designated for the purpose of overall responsibility and coordination of the works to be performed at Site. Such person shall function from the Site office of the Contractor during the pendency of Contract.

2.0 REGULATION OF LOCAL AUTHORITIES AND STATUTES

2.1 The Contractor shall comply with all the rules and regulations of local authorities during the performance of his field activities. He shall also comply with the Minimum Wages Act, 1948 and the Payment of Wages Act (both of the Government of India) and the rules made there under in respect of any employee or workman employed or engaged by him or his Sub-Contractor. He shall abide by labour laws and others as specified in the special conditions of contract.

2.2 All registration and statutory inspection fees, if any, in respect of his work pursuant to this Contract shall be to the account of the Contractor. Should any such inspection or registration need to be re-arranged due to the fault of the Contractor or his Sub Contractor, the additional fees to such inspection and/or registration also shall be borne by the Contractor.

3.0 OWNER'S LIEN ON EQUIPMENT

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

4.0 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.

5.0 CO-OPERATION WITH OTHER CONTRACTORS

5.1 The 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.

7.0 DISCIPLINE OF WORKMEN

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

8.0 CONTRACTOR'S FIELD OPERATION

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

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

9.0 PROGRESS REPORT

9.1 The Contractor shall furnish three (3) copies each to the Engineer of progress including if any, photographs of the work done at Site.

9.2 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.

10.0 MAN-POWER REPORT

10.1 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.

11.0 PROTECTION OF WORK

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

12.0 EMPLOYMENT OF LABOUR

12.1 The Contractor will be expected to employ on the work only his regular skilled employees with experience of his particular work. No person below the age of eighteen years shall be employed.

12.2 All traveling expenses including provisions of necessary transport to and from Site, lodging, allowances and other payments to the Contractor's employees shall be the sole responsibility of the Contractor.

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

13.0 FACILITIES TO BE PROVIDED BY THE CONTRACTOR

13.1 Tools, tackles and scaffoldings

The Contractor shall provide all the construction equipments; tools, tackles and scaffoldings required for pre-assembly, erection, of the Towers, H-frame, string, earthing etc, 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.

13.2 First-aid

13.3 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.

13.4 Cleanliness

13.4.1 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.

14.0 LINES AND GRADES

All the works shall be performed to the lines, grades and elevations indicated on the drawings. The Contractor shall be responsible to locate and lay-out the works. Basic horizontal and vertical control points will be established and marked by the Engineer at site at suitable points. These points shall be used as datum for the works under the Contract. The Contractor shall inform the Engineer well in advance of the times and places at which he wishes to do work in the area allotted to him so that suitable datum points may be established and checked by the Engineer to enable the Contractor to proceed with his works. Any work done without being properly located may be removed and/or dismantled by the Engineer at Contractor's expense.

15.0 FIRE PROTECTION

15.1 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.

15.2 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.

16.0 SECURITY

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

18.0 MATERIALS HANDLING AND STORAGE

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

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

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

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

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

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

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

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

19.0 CONSTRUCTION MANAGEMENT

19.1 The field activities of the Contractors working at Site will be coordinated by the Engineer and the Engineer's decision shall be final in resolving any disputes or conflicts between the Contractor and other Contractors and the tradesmen of the Owner regarding scheduling and coordination of work. Such decision by the Engineer shall not be a cause for extra compensation or extension of time for the Contractor.

19.2 The Engineer shall hold weekly meetings of the Contractor at Site, at a time and place to be designated by the Engineer. The Contractor shall attend such meetings and take notes of discussions during the meeting and the decision of the Engineer and shall strictly adhere to those decisions in performing his works. In addition to the above weekly meeting, the Engineer may call for other meetings either with individual Contractors or with selected number of Contractors and in such a case the Contractors if called, will also attend such meetings.

19.3 Time is the essence of the Contract and the Contractor shall be responsible for performance of his works in accordance with the specified construction schedule. If at any time, the Contractor is falling behind the schedule, he shall take necessary action to make good for such delays by increasing his work force or by working overtime or otherwise accelerate the progress of the work to comply with the schedule and shall communicate such actions in writing to the Engineer, satisfying that his action will compensate for the delay. The Contractor shall not be allowed any extra compensation for such action.

19.4 The Engineer shall, however, not be responsible for provision of additional labour and/or materials or supply or any other services to the Contractor except for the coordination work between various Contractors if any at site.

20.0 FIELD OFFICE RECORDS

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

21.0 CONTRACTOR'S MATERIALS BROUGHT TO SITE

21.1 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.

21.2 The Owner shall have a lien on such goods for any sum or sums which may at any time be due or owing to him by the Contractor, under, in respect of or by reasons of the Contract. After giving a fifteen (15) days notice in writing of his intention to do so, the Owner shall be at liberty to sell and dispose off any such goods, in such manner as he shall think fit and to apply the proceeds in or towards the satisfaction of such sum or sums due as aforesaid.

21.3 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.

22.0 PROTECTION OF PROPERTY AND CONTRACTOR'S LIABILITY

22.1 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.

23 INSURANCE

23.1 In addition to the conditions covered under the Clause entitled 'Insurance' in General Terms and Conditions of Contract of this Volume-I, the following provisions will also apply to the portion of works to be done beyond the Contractor's own or his Sub-Contractor's manufacturing Works.

23.2 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 Sub-Contractor'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

23.3 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.

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

23.5 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.

24.0 UNFAVOURABLE WORKING CONDITIONS

The Contractor shall confine all his field operations to those works, which can be performed without subjecting the equipment and materials to adverse effects during inclement weather conditions, like monsoon, storms etc. and during other unfavorable construction conditions. No field activities shall be performed by the Contractor under conditions, which might adversely affect the quality and efficiency thereof, unless special precautions or measures are taken by the Contractor in a proper and satisfactory manner in the performance of such Works and with the concurrence of the Engineer. Such unfavorable construction conditions will in no way relieve the Contractor of his responsibility to perform the Works as per the schedule.

25.0 PROTECTION OF MONUMENTS AND REFERENCE POINTS

The Contractor shall ensure that any finds such as relic, antiquity, coins, fossils, etc. which he may come across during the course of performance of his Works either during excavation or elsewhere, are properly protected and handed over to the Engineer. Similarly, the Contractor shall ensure that the bench marks, reference points, etc, which are marked either with the help of Engineer or by the Engineer shall not be disturbed in any way during the performance

of his Works. If any work is to be performed which disturbs such reference the same shall be done only after these are transferred to other suitable locations under the direction of the Engineer. The Contractor shall provide all necessary materials and assistance for such relocation of reference points etc.

26.0 WORK & SAFETY REGULATIONS

26.1 The Contractor shall ensure proper safety of all the workmen, materials, plant and equipment 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 the Engineer, as he may deem necessary.

26.2 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.

26.3 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 properly maintained by the Contractor and will be promptly produced as and when desired by the Engineer or by the person authorized by him.

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

26.5 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. For erection, good and standard quality of material only shall be used by the Contractor.

26.6 The Contractor shall not interfere or disturb electric fuses, wiring and other electrical equipment belonging to the Owner or other Contractors under any circumstances, whatsoever, unless expressly permitted in writing by GETCO to handle such fuses, wiring or electrical equipment

26.7 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 maximum current rating, voltage and phases of the appliances;
c. Obtain permission of the Engineer detailing the sockets to which the appliances may be connected.

26.8 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, one of which shall be an earthed metal sheath surrounding the cores.

26.9 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.

26.10 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 sufficient quantity of tools will have to he provided by the Contractor to electricians/workmen/officers.

26.11 In case any accident occurs during the construction/ erection or other associated activities undertaken by the Contractor thereby causing any minor or major or fatal injury to his employees due to any reason, whatsoever, it shall be the responsibility of the Contractor to promptly inform the same to the Engineer in prescribed form and also to all the authorities envisaged under the applicable laws.

26.12 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.

26.13 The Contractor shall not be entitled for any damages/compensation for stoppage of work due to safety reasons as provided in Para 31.18 above 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.

26.14 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 to himself and his fellow employees.

c) Employees 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.

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

26.15 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	: These are applicable for death
b. Major injuries or accident causing 25% or more permanent disablement to Workmen or employees	Rs. 20,000/- per person	: injury to any person, whosoever.

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 Workmen's Compensation Act and rules framed there under or any other applicable 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.

27.0 **CODE REQUIREMENTS**

The erection requirements and procedures to be followed during the installation of the equipment shall be in accordance with the relevant Codes and accepted good engineering practice, the Engineer's drawings and other applicable Indian recognized codes and laws and regulation of the Government of India.

PART-I SCC
SPECIAL CONDITIONS OF CONTRACT

1.0 **General Particulars:**

This part of the Bid Document relates to certain specific/special terms and conditions particular to the Contract. The provisions herein are to be read and understood in conjunction with the relevant provisions elsewhere in the Instructions to Bidders (ITB), the General Conditions of Contract (GCC) and Erection Conditions of Contract (ECC). The intent of provisions herein are specific to this contract and are, in general, supplementary to related provisions under ITB, GCC and ECC. However, in certain provisions which are contrary to those in ITB, GCC and ECC, the provisions in these Special Conditions of Contract will prevail.

2.0 Tender Fee:

The tender fee plus applicable GST specified in notice inviting tender is accepted by NEFT/RTGS on any Nationalized Bank only situated at "NADIAD"

3.0 Earnest Money Deposit (EMD):

100% of EMD by accepted by NEFT/RTGS on any Nationalized Bank only situated at "NADIAD"

3.1 Validity period: The offers should be valid for minimum period of **180 Days** from date of opening of tender (Technical Bid)

4.0 Declaration by Bidder:

The Bidder shall sign the Declaration enclosed to this SCC and not furnishing the same will make the Bid invalid.

5.0 Scope of work to be included:

"Bidder shall be note that material/equipment shall be issued from GETCO store and Bidder shall arrange loading, unloading, transportation from GETCO store to work site".

6.0 Additional Documents:

Apart from various documents to be furnished along with the Bid as required in the GCC and ECC, the following documents/details are to be furnished by the Bidder:

1. GST Registration No. date / issuing authority.
2. Details of Partners/Directors of the Firm/Company.
3. Experience Record and details of orders pending / executed for GETCO
4. Electrical contractor's license with latest validation.
5. PF registration along with proof of challan etc.
6. Latest Solvency certificate from Bank (up to 20 % of Bid value).
7. Registration of Worker welfare cess.
8. Pan Card Copy
9. GETCO Vendor Registration Copy.
10. Last 3 years Audited Financial Record.

7.0 Price Inclusions (including Taxes & Duties):

7.2 The prices quoted shall be all inclusive of freight, octroi, transportation, loading, –unloading & stacking at site of tower and line materials received from construction store GETCO after observing all store formalities of GETCO.

7.3 No extra payment toward any type of templates and erection tools /materials will be made.

7.4 Goods and Service Tax (GST) :

The F.O.R. Destination prices are excluding GST and Cess as applicable which will be paid extra on a given taxable goods and/or services within the original contractual delivery period. The amount 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 ancilliary legislations).

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

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

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

Supplier/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 by the supplier / contractor.

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

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

INPUT TAX CREDIT BENEFIT

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

7.5 Goods and Service Tax Compliances (GST):

The GST at the applicable rates will be levied on the total of Schedule-B. GST on the work executed will be subject to CGST Act, SGST Act, IGST Act, UTGST Act its rules, regulations and notifications, circulars issued and in force time to time by Government and M/s. GETCO. Contractors are required to clarify the product and services related HSN codes and SAC codes respectively. GETCO reserve right of re-classify, in case of mis-classification of goods and/or service (HSN/SAC codes)

Sec. 171 of CGST/SGST Act contains provisions related to anti-profiteering. On the basis of same on introduction of GST, the Vendor should pass on the tax benefit/savings, if any, on account of tax credits or lowering of tax rates to us by way of adjustment in the contract price. Non-compliance of the same may lead to levy of penalty by Government.

Contractor required to submit the invoice as per the standard formats/contents of GST laws including invoice ruling. GST will be reimbursed subject to proper/ valid matching of transactions/invoices on GSTN (GST network).

The contractor is abiding by the all rules and regulations of corporation and amendments, which may publish subsequently for compliance by field offices with respect to GST Laws.

7.6 As per GETCO Circular no. GM (F&A)/WELFARE CESS/3554 dtd.3.12.2012, Contractor has to pay welfare Cess as per prevailing rate of 1% of estimated cost & same shall be reimbursed to Contractor on production of documentary evidence of payment.

7.7 **Statutory Variations:**

Any statutory increase or decrease in the taxes and duties including GSTand 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.

7.8 **Income Tax**

Income tax at source at the prevailing rate will be deducted from bills in accordance with the provision of Income-Tax Laws and to that effect a certificate will be issued to the contractor.

8.0 SECURITY DEPOSIT-CUM-PERFORMANCE GUARANTEE DEPOSIT

8.1 The successful bidder has pay security deposit within 10 days of receipt of LOI.

8.2 The successful bidder will be required to pay an amount equivalent to 5 % of the value of the order as a Security Deposit for satisfactory execution of the contract. Such Security Deposit will be payable either in **B.G or D.D payable at Nadiad**. Bank guarantees from Scheduled / Nationalized Banks will be acceptable.

8.3 No interest will be allowed on amount of Security deposit.

8.4 The Security Deposit- total shall be kept deposited up to completion of work finalization of final bill. The same shall be return on receipt of N.O.C. by the concerned DE (const.)

8.5 This security deposit is for the performance of contract and the same is liable to be forfeited by the GETCO in event of non fulfillment of the term and conditions of this contract by the contractor.

8.6 Corporate Guarantees are not admissible.

8.7 The 'Signing of Contract 'and 'Contract Agreements' will be done as per prevalent GETCO Terms and Conditions.

8.8 If the Tenderer fails to pay the Security Deposit or defaults in execution of the orders placed or if COMPANY suffers any financial loss due to this, then COMPANY will be at liberty to adjust the amount plus GST as applicable from other orders of the same firm or by encashing the Bank Guarantee.

9.0 GUARANTEE PERIOD:

Total work executed shall be covered under guarantee period against any defect in materials, poor workmanship or defect/ wrong design etc. for a period of one year from the date of commissioning of transmission line.

9.0A BAR CHARTS

The Bidder shall furnish along with the bid, the bar charts and project schedules indicating starting and completion dates of each activity. This is mandatory condition the tenders without which shall be liable to be rejected.

10.0 COMPLETION PERIOD

10.1 **Overall Completion period for this Contract will be 365 DAYS from the date of commencement for Transmission lines work.**

10.2 No mobilization period, idling or stoppage period will be allowed during this period of the Contract.

10.3 The completion date will be deemed to be the date on which all works on the Contract are demonstrated to be complete to the satisfaction of the GETCO/Engineer and is complete in all respects as per the terms and conditions of this Contract.

12.0 Presentation of Bills

12.1 Monthly RA bills for 90% value of the supplied tower material and work executed including cost of material consumed is to be prepared in triplicate and submitted to Site Engineers in-charge of the work, for necessary payment. These bills shall be serially numbered with suffix SE-I.

12.2 Balance 10% payment shall be released only after finalization of material account and passing of final bill. The contractor has to submit the final bill along with the material consumption statement and other required data of the work carried out within 3 months from the date of completion of work. These bills shall be serially numbered with suffix SE-I.

12.3 All the bills in accordance with the above clauses must be submitted with the following information:

a) Item wise work done during billing period.
b) Item wise cumulative work done.
c) Account for material consumed and balance stock.

12.4 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.

13.0 Terms of Payment

The payment for work done shall be made as under only after execution of the contract documents/furnishing of Security Deposit and on execution of transmission line work.

13.2 **For erection works.**

(i) 90% payment of amount claimed covering various activity such as erection of towers-frame, earthing, stringing of conductor and earth wire including insulator hoisting, etc. works against R.A. bills duly certified by EIC within 60 days from the date of R.A. bill.

(ii) Balance 10% of erection value shall be paid against completion of work only after settlement of material account statement of items used, erected and successful commissioning of transmission line the same amount will be release in final bill only and payment will be made only after passing of final bill .

14.0 TAKING DELIVERY AND INSURANCE

14.1 The contractor has to take delivery from construction store of Tower material, H-frame structure material, conductor & line material keep S/S materials in safe custody and transport to the respective sites and will be fully responsible for any damage to or loss of all materials at any stage during transportation or erection or taking over of the line by GETCO.

14.2 The Contractor has to open site store and ensure for safe custody of all the stored materials at his own cost.

14.3 The Contractor shall have total responsibility for the entire tower & line materials stored, loose, semi assembled and/or erected by him at site in his custody. The Contractor shall make suitable security arrangements at his own cost to ensure the protection of all materials, equipment and works from theft, fire pilferage and any other damages and loss. It shall be the responsibility of the contractor to arrange for security till the works are finally taken over by the GETCO.

14.4 **STORAGE-CUM-ERECTION INSURANCE: -**

The contractor shall take suitable storage-cum-erection insurance cover at his cost to the extent of 100% cost of sub-station / line materials, which are required to complete the sub-station / line. 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 the sub-station / line by GETCO. However, if the work is not completed within the 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 contrctor if the delay is attributed to the contractor. The charge for extension of insurance shall be reimbursed by GETCO to the contractor on production of proof for extension of MCE if the delay is attributed on the part of GETCO.

The contractor shall deal directly and pursue the claim with the insurance company and shall be responsible in regard to maintenance of all insurance coverage as well as for settlement of claim. The proof of insurance policy taken by the contractor shall be furnished / submitted to engineer-in-charge of GETCO.

GETCO has to indicate approximate amount of the material required for erection to complete the scope of work is to be mentioned in tender document.

No material shall be issued to bidder/erection agency in absence of such insurance policy. The risk shall be covered for lifting of materials from store to final handing over to GETCO. Further, in absence of the above insurance policy, R.A.bill payment will be withheld.

15.0 LABOUR LAWS:

15.0.1 Persons below the age of 18 years shall not be employed for the work. No female worker shall be employed in the night shift between 07.00 p.m. and 06.00 a.m. next day.

15.0.2 Contractor shall maintain a valid labor license under the contract Labor (Regulation and abolition) Act for employing necessary manpower required by him. In the absence of such license, the contract shall be liable to be terminated without assigning any reason thereof.

15.0.3 The Contractor shall at his own expenses comply with all labor laws and keep the GETCO indemnified in respect thereof. Some of the major liabilities under various labor 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 charges, etc. at the rates made applicable from time to time by the Government of Gujarat / Government of India or other Statutory Authority.

ii) Payment of deposit in respect of each contract labor at the rate of Rs. 30/- or later prevailing rate with the Office of Commissioner of Labor as per the Contract Labor (Regulation and Abolition) Act.

iii) License fee as prescribed under the Contract Labor (Regulation and Abolition) Act and Rules framed there under depending upon the number of workmen.

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) Identity cards as prescribed under the Factories Act with photo affixed thereto, for identification.

vi) Payment of retrenchment compensation, Notice Pay and other liabilities as per Industrial Dispute Act. Any payment to the Contractor's employee arising out of any claim of disputes under the Industrial Disputes Act 1947 or any other Labour Laws.

vii) Payment of compensation in case of accidental injury.

viii) Provision of crèche if the female labourers employed are more than 30.

ix) 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 o India, which the Contractor shall have to comply with.

15.1 PROVIDENT FUND AND FAMILY PENSION SCHEME:

The Contractor shall submit along with his bills (month wise) a statement regarding deduction against employees Provident Fund and Family Pension Scheme in respect of each concerned employee. Provident Fund and Family Pension Scheme at the rate of 18% (or at the rate made applicable by the Government from time to time of the wages. The Contractor's contribution and his worker's contribution towards Provident Fund and Family Pension Scheme shall be deposited by the Contractor with Regional Provident Fund Commissioner, Ahmedabad.

15.2 DEPOSIT LINKED INSURANCE SCHEME

The contractor shall have to deposit ½ % of the wages in respect of employees who is a member of the Provident Fund, as the contribution to the Deposit Linked Insurance Scheme with Regional Provident Fund Commissioner, Ahmedabad.

15.3 ADMINISTRATIVE CHARGES:

Administrative charges for maintaining Provident Fund Account shall be deposited by the Contractor with Regional Provident Fund Commissioner, Ahmedabad at the rates applicable.

15.4 PAID LEAVE FACILITY:

Paid Leave Facility at the rate of one day for every twenty days worked by the Contract Labor, shall be provided by the Contractor to his workers. He shall maintain Leave Records, Leave

Cards, for individual laborer which shall be duly verified, approved and certified by the authorized Officer of the GETCO.

15.5 WORKMAN'S COMPENSATION FUND AND EMPLOYER'S LIABILITY INSURANCE:

The contractor shall cover all his employees under workmen's compensation fund and under the liability insurance. The purchaser shall not be responsible for any payments of compensation to the workers/supervisor of the contractor for fatal or non-fatal accidents during the pungency of the contract.

15.6 The contractor shall employ adequate number of experienced skilled at site for daily supervision and for maintenance of various registers and records required under the law and contract. No payment for supervision shall be admissible.

15.7 CONTRCTOR TO INDEMNIFY THE GETCO:

The Contractor shall Indemnify the GETCO and every member officer and employees of the GETCO also, Engineer-in-Charge and his staff against all actions, proceedings, claims, demands, costs and expenses whatsoever, arising out of or in connection with the matters referred herein above elsewhere and against all actions, proceedings, claims, demands, costs and expenses which may be made against the GETCO or Government for or in respect of performance of his obligation under the contract documents. The GETCO shall not be liable for intervention of authority Government for or in respect of performance of his obligation under the contract documents. The GETCO shall not be liable for or in respect 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 claims, demands, proceedings, cost, charges and expenses whatsoever in respect thereof or in relation thereto.

15.8 WORKMEN'S COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE

Insurance shall be affected for all the Contractor's employee engages in the performance of this contract. If any of the work is sublet, the Contractor shall require the Sub-Contractor to provide workmen's employer's liability insurance for the latter's employees, such employees shall be covered under the Contractor's Insurance.

15.9 WAGES TO BE PAID & TIME OF PAYMENT ETC. BY THE CONTRACTOR

a) The Contractor shall pay minimum wages per day to his Labors/ Workers as per rates fixed under the minimum wages act. The wages of every Contract Labor employed by him under this contract shall also be paid by him before the expiry of 7th day of the last day of the month in respect of the wages are payable (i.e. wages of a month have to be paid by him in the first week of the next month). Any default will result in cancellation of contract forthwith or else the contractor shall be punishable to the extent of Rs. 100/- per each day or as per the prevailing rules of labor laws.

b) The Contractor shall give his Telephone Number and Address to the GETCO, so that, in case of labor trouble etc. the Contractor can be contacted. The Contractor shall arrange to have his office outside the factory work premises and the Contractor shall arrange to have his office outside the factory work premises and the Contractor shall keep himself present throughout the working hours.

15.10 REGISTRATION WITH PROVIDENT FUND OFFICE

I) The separate P.F. code issued from P.F. commissioner is required to be taken by contractor.

ii) If the contractor does not possess separate P.F. code number of RPFC, his tender will not be considered for acceptance.

iii) The contractor should mention separate P.F. code number allotted by PPFC, along with the tender.

15.11 Termination of Contract:

In case of contractor fails to complete the transmission line work or part thereof within contractual period or in case the work is found not in accordance with prescribed specification the GETCO shall exercise its discretionary power either:

15.11.1 To recover, from the contractor as agreed, by way of penalty clause above, or

15.11.2 To get the work done other contractor after giving due notice to the contractor on account and at the risk of the contractor for such work executed or other similar description without canceling the contract in respect of the works not yet due for completion or

15.12 To cancel the contract.

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

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

15.12.1 MATCHING OF END COST:

In case the GETCO decides to award contract on matching end-cost basis, the bidder has to reduce all the quoted rates proportionately. The reduction on overall basis will not be accepted (i.e. all unit rates of erection schedule shall be reduced proportionately by difference in percentage). The confirmation for matching end cost shall be given within7 (seven) days from the letter from GETCO.

16.0 REGISTRATION AS A CONTRACTOR:

Registration with GETCO, Nadiad or any other office GETCO is pre requisite for participating in tender. It is required to furnish documents of registration along with offer in Technical bid and the details at appropriate place in confirmation of details of bidder shall be given by the contractor

(ON STAMP PAPER OF RS 300/-)

FORM OF BANKER'S UNDERTAKING

(**Combined Performance Guarantee (PBG) towards Execution/supply Period and Guarantee/Warranty Period as per commercial terms and conditions of Tender**

We_____(Name of the Bank_and Address of the Branch Giving the Bank Guarantee) having our registered office at _____ Address of Bank registered office) hereby Give this Bank Guarantee NO _____ date _____and hereby agree Unequivocally and Unconditionally to pay immediately on demand in writing from the Beneficiary Company _____ (Name of Gujarat Urja Vikas Nigam Ltd/

subsidiary Company) or any officer authorized by it in this behalf any amount up to not exceeding Rs. _____ (Amount of combined Performant Guarantees towards Execution / supply Period and Guarantee/ Warranty period (Rupees _____ (in words) to the said _____ (GUVNL/ subsidiary Company) on behalf of M/s _____ who have entered into a contract for the supply/ works specified below.

L.O.A. No. _____ dated _____

This agreement shall be 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 of 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 alterations 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 (i.e. GUVNL or Subsidiaries).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.

NOT WITHSTANDING 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 – Expiry Date). Unless demands or claims under this Bank Guarantee are made to Us in writing on or before _____(Claim Date i.e. Expiry Date + one month), all rights or the 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

TO BE SUBMITED ON FIRM'S LETTER HEAD)

Ref . No.
Date:

To,
The SE Tr
Gujarat Energy Transmission Corporation Ltd,
Circle office,
NADIAD – 387320

Sub: _____

Ref Order No. _____

We hereby acknowledge, agree and accept your A/T under reference above with terms and conditions mentioned therein.

(Signature)

Designation _____

PROFORMA FOR CONTRACT AGREEMENT

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

This Agreement is made at Nadiad the_____ day of _____ in the Christian Year Two thousand four 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 ____/____/2014**
2. **GETCO order No. Dtd. _____ / _____/ 2014**
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 Const Divi. Nadiad

In the presence of name, Full address and Signature:

(1)_____

_____

(2)_____

_____

Technical Specification

1.0 Scope :

1.1 Detailed survey including profiling tower spotting, geo-technical investigation check Survey, optimization of tower erection & resistance measurement

1.2 Taking delivery of tower and line material from the Board, checking them, transporting to Contractor's stores and keeping In safe custody.

1.3 To take suitable storage-cum-erection insurance,

1.4 Distribution of all materials to erection site.

1.5 Excavation, sub-setting, concreting, back-filling etc. complete work for foundation including Dewatering, shoring & shuttering, cutting of stubs, fabrication and supply of chimney material and form boxes etc.

1.6 Tower erection including fixing of attachments, accessories and tack – welding,

1.7 Stringing of ACSR Dog/Panther conductor/s and ground wire/s with providing jumpers etc. up to sub-station gantries at both ends and making LILO arrangement including dismantling work with one circuit in live condition wherever applicable and if such items included in schedule.

1.8 Procurement and supply of earthing material for pipe type and counter poise type earthing as per the Board's approved drawing/s./Maintenance free earthing as per instruction of I/charge.

1.9 Procurement and supply of danger plate, number plate, circuit identification plate and phase plate as per the Board's approved drawings.

1.10 Procurement and supply cement of 43 grades as per IS-8112 of approved brand by GETCO for casting of foundation of various type of towers as per approved foundation drawings and RCC steel TMT type.

1.11 Excavation of different types of foundation of various towers as per approved Board's drawing, erection of tower, tack welding of bolt-nuts including supply and application of rich zinc primer and 2 coat of enamel paints for bottom most two panel (up to 10Meter)

1.12 Insulator hoisting, stringing of conductor and earth wire including laying, jointing, jumpering and tree cutting of entire section for safe clearance.

1.13 Testing, commissioning and guarantee of all the activities carried out from (i) to (xii). The successful contractor has to arrange for all the tools/tackles and materials required for completion of transmission line at his own cost. Contractor shall only be responsible for damage or loss to erection tools.

1.14 All works shall be carried out in accordance with the revised and latest Electricity Act in force and rules made there under.

1.15 Successful contractor shall carryout all addition, alteration required to complete the line for commissioning at the same rates quoted in the offer for respective items. Any additional items which have not been covered in the specification & for which prices are not covered in the price schedule shall not be executed.

1.16 The scope of work described herein is only indicative. The contractor will complete all the works detailed in the schedule of quantities which will not be limited to work in scope mentioned herein.

2.0 Procurement of equipment, tools-tackles & materials:

2.1 All the tools, equipments required in sufficient quantity, shall be procured/arranged by the successful tenderer before the work is taken up on hand and Shall not link the delivery/completion period with procurement/arrangement made by him for these items tools/equipments.

3.0 Drawing & Bills of Materials:

3.1 The GETCO will provide drawings for foundation and earthing to be carried out for various types of towers to the successful tenderer.

PART-II B

Technical Data Sheet

EXECUTION OF WORK:

1 SCOPE:

1.1 The erection works covered under this section consist of

i) Check survey with minor survey work and if required original survey and profiling.

ii) Taking delivery of tower material including Bolt-Nuts accessories and Base plate assembly, conductor, earth wire, hardware for conductor and earth wire and insulator from GETCO store, transporting to erection site and keeping in safe custody. Taking delivery of line material from the board store and keeping in safe custody.

iii) to take suitable storage-cum-erection insurance,

iv) distribution of all materials to erection site,

v) excavation, stub-setting, pile foundation, concreting, back-filling etc. complete work for foundation including dewatering, shoring & shuttering, cutting of stubs, fabrication and supply of chimney material and form boxes etc.

vi) tower erection including fixing of attachments, accessories, base plate assembly and tack welding including supply and application of rich zinc primer and 2 coat of enamel paints for bottom most two panel (up to 10 Meter)

vii) Stringing of ACSR/AAAC conductor/s and ground wire/s with providing jumpers etc. up to sub-station gantries at both ends and making LILO arrangement including dismantling work with one circuit in live condition wherever applicable and if such items included in erection Schedule of Price bid.

viii) Guarantee of all the activities carried out from (i) to (vii).

1.2 The successful contractor shall carry out all addition / alteration required for completion of line and up to commissioning the same at rates quoted in the offer for respective item. However, No items to be executed for which prices are not covered in price schedule.

1.3 All works shall be carried out in accordance with the revised and latest provisions under Indian Electricity Act and Rules made there under.

1.4. All the erection tools required during construction of lines shall be arranged by the contractor at his own cost. The contractor shall only be responsible for any damage to and / or loss of his erection tools.

1.5 Quantities given in the Schedule of erection in price Bid are to be executed by the contractor at the rates accepted by the Board in the A/T. In case of any deviation in tower quantity / type of tower / length of line, excavation / concreting resulting into an increase in which event the field officer shall obtain prior approval of the Head Office and excess quantity shall be paid only at the accepted rate of the A / T.

1.6 The erection work beyond contractual ceiling amount shall be done only after approval from the Board.

2.0 SURVEY

2.1. The contractor has to make check survey as per the profiles given by the Engineer in-Charge of the works. If any minor modification in alignment of the route or profiles, during check survey or while scrutiny of check survey is required, the same shall be carried out by the contractor at no extra cost to the GETCO.

3.0 WAY LEAVE, TREE CUTTING AND OTHER OBSTRUCTIONS

3.1 The Board will arrange for right of way and for tree clearance. Proposals in this connection will have to be and submitted by the contractor well in time. It will also be necessary on the part of contractor to instruct his laborers and staff to use minimum area while doing the work where there are standing crops. No person of the contractor should pick any Items from standing crops or fruits. The contractor should take all possible steps to avoid or minimize damage to standing crops, etc. Contractor should use minimum space for transportation also during execution of work.

3.2 The contractor should immediately notify any obstructions or hindrance from local villagers or the local authorities in the execution of the work to the concerned Engineer-in-Charge but should not deal directly in the matter. The Engineer-in-Charge will arrange to remove the obstacles as soon as possible.

3.3 For clearances, permissions etc. from various authorities, the Contractor shall not remain contended by simply informing the GETCO, but shall invariably assist and arrange for personal follow up to overcome the difficulties in the interest of progress of the work.

4.0 ACCESS TO LOCATIONS:

4.1 It will be the contractor's sole responsibility to take the materials up to the location. Any path way, temporary road, temporary bridge required will have to be provided by the contractor at his cost. If, for any reasons the above is not feasible, the contractor at his own cost shall have to arrange transportation by head loads.

4.2 The contractor will be deemed to be very well familiar with the route of the transmission line before giving the offer. Notwithstanding the difficulties of terrain, location approaches, way leave and other obstructions the price quoted for all the items of erection shall not undergo any change at any stage or granted by the GETCO for any special rates/consideration.

5.0 EXCAGSTION:

5.1 The payment of excavation will be limited to the volumes as per approved excavation drawings even though the Contractor may excavate more for the sake of his own convenience or for any reasons. If the excavated dimension/s is/are more than the dimension/s shown In the approved drawing, the additional excavated volume should be filled in with 1:4:8 mixture concrete at Contractors cost in respect of materials, labors etc.

5.2 In case of rock soil, the extra excavated rock portion on all sides shall be filled with 1:2:4 mix Concrete at his own cost in respect of materials, labors etc.

5.3 The rates indicated in schedule for excavation work in each soil shall be applicable to all the locations as per actual condition of the soil strata irrespective of classification of type of foundation.

5.4 The rates for excavation indicated in schedule shall also be applicable for benching work, if required.

6.0 SHORING, SHUTTERING AND DEWATERING:

The Contractor has to arrange for shoring, shuttering and dewatering work during activities of excavation, stub setting and concreting. These shall be done at his own cost.

7.0 STUB SETTING:

7.1 The rates for stub setting are inclusive of cutting of stubs (if any), setting of stubs, leveling at correct level, dismantling of template after concrete, back-filling work etc.

7.2. Above rates shall be on per MT basis for normal, extensions up to 21 meters and special/river crossing towers.

7.3. The weights payable for stub-setting item shall be comprising of the weight of stub and its respective stub setting template as per approved bill of material.

8.0 CONCRETE:

8.1. The rates indicated in schedule for concrete work shall be applicable to all the locations irrespective of soil strata and type of foundation adopted. The Contractor shall have to procure cement from the open market according to line requirement and keep sufficient quantities to avoid delay in work. Same quantity of cement is to be utilized from his own stock. Account of cement utilized at each location duly certified by concerned GETCO's supervisor and engineer in charge of work, is required to be maintained and submitted with each R.A Bill . No payment shall be made toward cost of cement bags utilized in each running bills without submission of cement consumption details. No wastage is permitted as same is to be procured by the contractor (of approved brand by the GETCO) at his own cost from the authorized dealer.

8.2. Use of Cement:

1) The rates in Schedule-'B' are inclusive of cement cost. Contractor has to purchase fresh 43 grade cement confirming to as per IS 8112 and of approved brand by GETCO
2) Contractor has to construct pacca go down at site of work, so that cement bags can be properly preserved to avoid damage due to any kind of water.
3) Contractor has to bring sufficient quantities of cement bags and at no time less then 200 (two hundred) bags to maintain progress of work. The work should not suffer for want of cement.
4) It is full responsibility of contractor to bring sufficient & timely cement at site. Nothing extra will be paid on account of any reason to maintain progress of work and to complete the work in schedule time.
5) Cement should give the required strength of cement concrete.
6) **Contractor has to submit material account for consumption of cement used with every bills. In case of non submission of the same, bill will not be passed**. **Contractor has to submit the copy of cement purchase bill along with each RA Bill/Final Bill.**
7) No negative variation will be allowed for consumption of cement with respect to quantity then prescribed as per booklet of technical specification of Board/mix design and nothing will be paid extra for over consumption.
8) Contractor is fully responsible for safety of cement at site, nothing will be paid extra on account of safety.
9) If Board's authorized representative wants to check cement stock at site, contractor has to allow for the same at any time.
10) Contractor has to maintain day to day cement consumption/balance account at site.
11) As far as possible, contractor has to maintain supply of cement of only one brand & grade throughout the work and on account of closer/shortage of approved brand, cement of other brand in accordance of condition no.(1) will be allowed by Engineer-In-Charge.
12) Minimum cement consumption considered for cement concrete will be:-
    a. **M20 Grade Concrete. - 8.2 Bags per CMT**
    b. **M15 Grade Concrete - 6.5 Bags per CMT**

    Contractor has to use minimum cement as above. Contractor should not use less than the prescribed quantities of cement, even in the case of mix design which recommends lower quantity. **Contractor will be allowed to carry out work only after physical verification of cement brought at site**.

8.3 The GETCO reserves the right to test the quality of steel and cement procured by the contractor at any Government recognized laboratory and the test results shall be binding to

the contractor. If the test results are not found satisfactory the entire lot supplied and work executed has to be replaced / re-executed by the contractor at no extra cost to the GETCO.

8.4 Back filling of the excavated soil is to be arranged by the successful bidder. For back filling if borrowed earth is required, the same should be arranged of suitable quality and quantity irrespective of lead at no extra cost to the GETCO.

8.5 The sand shall be of the best quality containing hard siliceous materials, clean and of sharp angular grit type and free from earth or organic matter or salts and to the satisfaction of the Engineer in-charge. The sand shall be washed before use. No saltish or brackish water shall be used for concreting.

8.6 The mixture of concrete to be used shall be such as to produce a sound, compact and water-proof concrete. The mixture shall not be weaker than the ratio to be prepared. The concrete for chimney shall be prepared with 20 mm stone metal and the concrete for pyramid/step/pad shall be prepared with 20 mm or 40 mm stone metal. The mixture shall be prepared using mixing machine only. It should also be free from grit and dirt. The concrete shall be mixed as stiff as required for placing the concrete in the form of moulds with ease and degree to which concrete resists segregation will permit. Hence, the quantity of water used should not be too much.

8.7 Proper form or moulds adequately braced to retain proper shape while concreting should be used for chimney, pyramid and slab portions & vibrator machine shall be used at the time of concreting. Form boxes should be water tight so as not to allow cement cream to come out leaving only sand and gully to form honey combs in concrete. Form boxes should be cleaned and oiled before using for concreting.

8.8 All sub-merged locations must be kept completely dewatered both during the placing of concrete and for 24 hours after completion. There should be no disturbance of concrete by water during this period.

8.9 Form boxes should not be removed before 24 hours, after concreting. Concrete surfaces where required should be set right with rich cement and mortar after removal of the forms.

8.10 The Vice President (Projects) or Engineer appointed by him at his sole discretion may uncover any cast foundation to find out the workmanship of foundation. Contractor shall render necessary assistance during such fact finding operation and shall comply with the report of the investigating officer.

8.11 The contractor will be responsible for constructing the foundations in accordance with the design of each type of foundation supplied by the GETCO.

8.12 The payment of excavation will be limited to the volumes as per approved excavation drawings even though the Contractor may excavate more for the sake of his own convenience or for any reasons. If the excavated dimension/s is/are more than the dimension/s shown In the approved drawing, the additional excavated volume should be filled in with 1:4:8 mixture concrete at Contractors cost in respect of materials, labors etc.

8.13 In case of rock soil, the extra excavated rock portion on all sides shall be filled with 1:2:4 mix concrete at his own cost in respect of materials, labors etc.

8.14 The rates for excavation indicated in schedule shall also be applicable for benching work, if required.

8.15 The tor / plain steel bars required for RCC type foundation shall be procured by the Contractor in advance to avoid delay in the work.

8.16 No wastage is permitted for reinforcement steel, as the same is to be procured by the contractor at his own cost. NO over lapping of RCC is permitted in foundation work.

8.17 Board reserves right to test the quality of steel and cement procured by the contractor at any Govt. recognized Laboratory and intended to be used for the tower foundation works. The test results shall be binding to the Contractor.

9.0 Classification of Soil.

a) Normal Dry Soil:
The soil readily removable with ordinary spades and shovels viz. Murram hard murram etc. and to be used for location in normal dry co-hesive or non cohesive soils. If the black cotton soil is encountered up to 500 mm below ground level, normal dry soil foundation shall have to be adopted. (The normal dry soil foundation designs shall be inclusive of this stipulation)

b) Fully submerged black cotton Soil.
To be used at locations where soil is clay type, not necessarily black in color, which shrinks when dry and swells when wet, resulting in differential movement extending to a max., depth of 3.5 meter below ground level. For designing foundation for this location the soil is to be considered submerged in nature. If the black cotton soil is encountered only up to 500 mm from ground level, normal dry soil foundation shall be adopted. (This foundation design shall be inclusive of this stipulation).

c) Soft Rock:
To be used at locations where decomposed or fissured rock, hard gravel, kankar, lime stone, literate or any other soil of similar nature is met. Undercut type foundation is to be used for soft rock locations.

d) Hard Rock
To be used at locations where chiseling, drilling, and blasting is required.

e) Fully submerged soil:
To be used at locations where sub soil water table is met at less than 1.50 meter below ground level and up to complete depth of foundation.

f) Partially submerged soil:
To be used at the locations where the submerged soil water table is met at 1.5m or more than 1.5 m below the ground level, the top portion of the strata being normal dry soil.
Soil strata for adopting various types of foundations:

Sr. No.	**Type of composite soil**	**Type of foundations to be adopted**
A)	1) Dry black cotton soil up to 500 mm below ground level and balance dry normal 2) Black cotton soil from 500 mm up to 1500 mm below ground level and balance normal dry soil 3) Black cotton soil beyond 1500 mm below ground level 4) Normal soil up to 1.5 m below ground level and below that black cotton soil	Normal(dry) **Partially dry black cotton** **Fully dry black cotton** Partially dry black cotton
B)	1) Dry black cotton soil up to 500 mm below ground level, then normal soil up to 1m and balance soft rock up to complete depth of foundation 2) Dry or wet black cotton soil up to 1.5 m below G.L and balance soft rock up to complete depth of foundation. 3) Soft rock for entire depth.	Soft rock Soft rock Soft rock
C)	1) Dry black cotton soil upon 500mm below G.L. then normal soil up to 1m. and balance hard rock up to complete depth of foundation. 2) Black cotton soil up to 1.5m below G.L. and balance hard rock for complete depth of foundation. 3) Hard rock strata for entire depth	Hard Rock Hard Rock Hard Rock

10.0 Curing and back-filling:

10.1 After 24 hours of pouring, the concrete should be cured by keeping it continuously wet for 14 days. After 48 hours of pouring, the pit may be backfilled with excavated selected earth (which is free from grass, dung, wooden waste, postures and fodder woods, shrubs, thorn etc.) sprinkled with necessary amount of water and well compressed and consolidated in layers not exceeding 150 mm. If the excavated soil consists of large boulders/stone, the same shall be broken to maximum size of 80 mm and mixed with soil to be back filled. At the locations where borrowed earth is required for back filling, this shall be done by the Contractor at his own cost, irrespective of transportation from any lead. Thereafter, the exposed top end fill shall be kept wet for the remainder of above prescribed curing period. The uncovered portion of concrete chimney above the back filled earth shall be kept wet by providing empty gunny bags fully wrapped around the concrete chimney for curing and ensure that the bags are kept wet by frequent pouring of water on them.

10.2 Extra ordinary care be taken during back filling. The contractor and Board's Engineer at site shall ensure that the back filling is done in the manner referred above so that back-filled earth become homogeneous with surrounding parent soil with the passage of the time. The record for the same with day/date of curing, back filling etc be maintained in the register and duly signed by the contractor and Board's representative. The quantities of excavated earth obtained from a particular location shall be generally utilized in back filling work in protection of tower footing of same location unless it is unsuitable for such purpose. In the later case, the back filling shall be done with borrowed earth of suitable quality irrespective of lead and the consolidated of earth shall also be done free of cost.

10.3 The rates of stub setting are including the work of back filling of excavated pit. The large stones / boulders shall be broken to maximum 80 mm size before used for back-filling at no extra cost to the Board.

11.0 PROTECTION OF TOWER FOOTING:

Quantities of various protection works like stone revetment, concrete revetment, brick masonry and random stone masonry to the foundations are to be executed by the successful contractor if indicated in the schedule and payment for such quantity shall be as per unit rates accepted.

12.0 TOWER ERECTION AND GROUNDING:

(a) ERECTION OF TOWERS:

12.1 The super-structure of towers should be erected on foundations after 14 days of concreting. However, the method adopted for erection of tower is left to the discretion of the contractor subject to the condition that he takes responsibility for any damage to materials. No tower member should get strained or bent during erection. The towers must be truly vertical after erection and no straining would be allowed to bring it in alignment. Maximum tolerance in verticality that will be permitted is ONE mm per 360mm of tower height. The bolt head shall be on outside faces and nuts and washers on inside faces of the tower. All bolts & nuts shall be made fully tight and finally the bolt threads shall be centre punched to avoid nuts getting loose. Punching of bolts shall be made by chamfering the threads with centre punch at least at three places equally spaced on contact surface of bolts and nuts.

12.2 Complete tower erection shall include erection of all accessories like danger plate, number plate, phase plate, C.I. Plate, Anti-climbing devices and fittings including attachments like step bolts ladders, platforms, 'U' bolts, shackles, hangers, strain plates etc.

12.3 Suitable tower extension shall be erected to get desired ground clearance whenever required, as determined at the time of survey and profiles.

12.4 To avoid pilferage of bolts and nuts and tower members, the bolts of the two bottoms most panels (say upto 10 meters) shall be tack welded at three places on the nuts diametrically. The zinc rich paint shall be procured by the Contractor at his own cost and shall be applied immediately following the tack welding.

12.5 The contractor shall measure the tower footing resistance of each tower after it has been erected and before stringing of the earth wire during dry weather. Each tower shall be earthed; the tower footing resistance shall not exceed 10 ohms. Pipe type and counter poise type earthing wherein required shall be done in accordance with the latest addition and revision of IS : 3043 (code of practice for earthing).The Contractor shall measure the footing resistance of each location and prepare the record for submission and approval of Engineer-in-Charge for deciding the type of grounding to be provided.

12.6 Pipe Type Earthing:

At locations where footing resistance does not exceed 10 Ohms. , the pipe type earthing as per appended drawing shall be provided. The contractor will have to supply all the materials required for grounding like pipe, flat, bolt- nuts, salt, fine broken coke/charcoal etc. The earthing is to be done by making a bore hole for insertion of pipe away from the tower leg excavation line.

12.7 Counterpoise Earthing:

At locations, where footing resistance exceeds 10 Ohms, counterpoise earthing as per appended drawing shall be provided to bring down the tower footing resistance below 10 Ohms. The Contractor will have to supply all the materials required for grounding like lugs, G.I. wire, bolts, nuts etc. The counterpoise earthing shall be buried 600 mm below ground level.

12.8 The method for providing earthing shall be at the desecration of the Contractor.

12.9 The rates for erection of structure of tower and extension up to 21 meters and special / river crossing tower on special foundation/pile foundation carried out by contractor shall be on per MT basis. These rates shall be valid irrespective of location, nature and specification.

12.10 The payment for superstructure / extension / special or river crossing tower shall be paid only after erection of complete tower as per structural drawing.

12.11 The rates for fixing of anti-climbing devices, danger plate, number plate, phase plate, circuit identification plate all be inclusive of all materials and labor thereof.

12.12 The rates for providing earthings to the tower either pipe type or counter poise inclusive of supply of complete earthing set, coke, charcoal, salt etc. including required bolt nuts as per approved drawing all materials and labor thereof.

12.13 The contractor shall arrange for all the equipments for tack-welding purpose. The rates shall be inclusive of supply and application of zinc rich paint on it.

12.14 The Contractor shall arrange required equipments for measurement of soil and tower footing resistance of each location and submit the joint measurement record of same jointly signed by contractor and Engineer in charge of line with final bill. The payment shall be released only after receipt of final soil resistance details on providing earthing at each location.

13.0 INSULATOR HOISTING:

13.1 Suspension insulator strings shall be used on all tangent type towers and tension insulator strings on all small, medium, large angle and dead end type tension towers. Technical particulars of insulator strings are appended herewith.

13.2 Insulators strings shall be assembled on ground. These shall be cleaned and examined for hair cracks, chips or defective glazing (not exceeding half centimeter square in case of porcelain insulators) and then hoisted by careful handling. The work will include fixings of all hardware and fittings in their proper places and order.

14.0 STRINGING

14.1 The rates for any type of stringing work, out of followings are indicated in Schedule.

i) stringing of one ground wire/s,
ii) Stringing of single / double circuit line.
iii) hot-line stringing of conductor,

14.2 The rates for stringing of conductors and ground wire for special crossings like river shall be on per KM basis only and shall be paid according to actual work done. In case special towers are suspension type, the special shall mean major river crossing section considering the span from one anchor tower to the other end anchor tower. If the special towers are tension type, the special crossing shall mean span from special tower to special tower of other end.

14.3 The stringing work should be planned in such a manner in consultation with the Engineer in charge of the work that minimum shut down of power line crossings are required. Revenue loss due to any undue shut down i.e. after the shutdown is arranged and required to be extended on account of contractor shall be recoverable from the contractor.

14.4 The Contractor shall be responsible and will take care of proper handling of drums from stores to site. Sufficient numbers of aluminum snatch blocks shall be used for paving out the ACSR/ Conductors. Necessary precautions shall be taken to avoid conductor rubbing on the ground by providing adequate ground roller, rollers on supports. Additional rollers shall also be provided to cross thorny hedges, footing and other obstructions to avoid scratching of conductor. The conductor and ground wire shall be made to sag correctly as per stringing charts, before they are finally transferred to the hardware for conductors and to clamps for ground wire. No joint should be made at less than 30 meters from the tower end and no joint shall be permitted in Railway, River, road and other important crossings spans. There shall not be more than one joint in a span of each conductor. The sag Board, if used shall be adjusted to suit the sag indicated against actual temperature for an individual span. The thermometer shall be provided at the conductor point during the stringing work. Dynamometers shall be used in tensioning the conductors. All conductors shall be stressed to their maximum working load at the time of stringing, as per approved stringing charts.

14.5 The minimum clearance between the lowest point of conductor and ground shall not be less than required. All compression joints should be carefully made and a record of initial and final lengths of the joints jointly signed by Contractor's and Board's representatives should be maintained. Check for sag should also be made at intervals when conductors are drawn up. Over stressing, causing damage to towers should be avoided. Care should be exercised not to over tension the conductor. Extra sag of 150 mm be allowed at all the important tension locations like Railway/River Crossings.

14.6 After being pulled the conductor/ground wire shall not be allowed to hang in the stringing sheaves for more than 72 hours, before being pulled to the specified sag. During the time the conductor / ground wire is on the stringing sheaves before sagging-in, it shall be ensured that the conductor / ground wire is not damaged due to wind, vibration, vehicles or other causes. Scaffolding should be used to cross the important roads and Railway Crossing for minimum interruption to traffic.

14.7 The conductor shall be pulled up to desired sag and left in serial stringing sheaves for at least one hour after which the sag shall be rechecked and adjusted, if necessary, before clipping in and transferring the conductors from the serial stringing sheaves to the suspension clamps.

14.8 Conductor shall be clamped within 24 hours of sagging. The sag will be checked in the larger spans of the section in case of sections up to eight spans and in one intermediate larger span also for section with more than eight spans.

14.9 The stringing sheaves, when suspended on the transmission structure for sagging, shall be so adjusted that the conductor will be on the sheaves at the same height as the suspension clamp to which it is to be secured.

14.10 The stringing of the ground wire shall be done in accordance with the stringing charts approved by the Board. The ground wire shall be strung to run continuously over the conductors. The ground wire shall be pulled, sagged and clamped-in from tension tower to tension tower before the phase conductors are pulled in that section.

14.11 All the line conductors shall be terminated at sub-station structures whose details shall be furnished by the Board at the appropriate time. The contractor shall fix strain insulators on the sub-station structures.

14.12 Armor rods and vibration dampers shall be fitted at each suspension tower before final clamping of conductor with Insulator strings. Vibration damper shall be fitted at each tension tower after final clamping of conductor with insulator strings. Vibration dampers are to be fixed using aluminum tape with each clamping bolt and in correct vertical position in relation to conductor. Compression type joints are to be used for jointing of conductors. Each part connected with joints shall be perfectly cleaned by wire brush and properly greased before final compression. All the joints of conductors and earth wire shall be made in the best workmanship manner and shall be perfectly straight and having maximum possible strength.

14.13 Proper guys shall be provided to counter balance the paving out tension of conductor/Ground wire at the tension locations, to avoid damage to towers and/or accident.

14.14 Stringing work shall mean, the activities of fixing of insulator and insulator hardware's, paving, jointing, tensioning, clamping with armour-rod, providing dampers, repairing of conductors (if any) and fixing the conductor at tension hardware's etc.

15.0 TESTING AND COMMISSIONING:

15.1 The Contractor after completion of erection work will ensure that all works connected with line have been completed. These works shall be done correctly as per Indian Electricity Rules and Procedures. Any extra cost involved due to incompleteness of work or bad workmanship found out subsequently shall be set right forthwith by the Contractor at his cost.

15.2 After the erection is completed in all respects, the line should be thoroughly patrolled and checked for continuity and clearances. The line should be meggered to check its insulation level. Afterwards a written confirmation should be given to the Engineer-in-Charge that the men, materials, tools and earthing (if any) are removed and the line is safe for charging. On charging the line, if it does not hold and trips, the contractor should arrange to patrol the line and find out the causes for the tripping and rectify the defect at no extra cost to the Board.

16.0 HANDING OVER OF LINE DOCUMENTS

16.1 On completion of all erection activities, the contractor has to furnish following information along with technical details to concerned Engineer-in-Charge of the work in triplicate duly bound: -

1) Approved surveyed route with permanent marks, (To be obtained from the GETCO)
2) Approved copy of profiles with tower schedule, (To be obtained from the Board except for portion where any change is approved)
3) Location wise soil strata details of each pit excavated, type of foundation executed, volumes of excavation & concrete and RCC steel weights,
4) Details of revetment, retaining walls, etc., work done for protection of tower footing and their approved drawing copies,
5) Approved copies of excavation plan and foundation drawings, (To be obtained from the Board)
6) Approved copies of structural drawings of stubs, templates, towers, extensions, etc., (To be obtained from the Board)
7) Approved copies of stringing charts,
8) Value of tower footing resistance jointly measured before & after providing earthing and type of earthing executed, duly signed by in charge engineer of line.
9) Details of spans and phase where mid span joint, repair sleeve used,
10) Location wise type and numbers of insulators, insulator hardware's, earth wire hardware's, conductor accessories, provided, etc.
11) Separate detail of each crossing like road, river, railway, power line, P&T Line, etc and details of clearance as per Indian Electricity Rules.

17.0 GENERAL:

17.1 The Contractor shall ensure that at the end of each sub-activity the surplus material is immediately removed from the work-site to avoid loss and injury to the public.

17.2 The Contractor has to reconciliation of material account and settle final bill including Signature in all relevant papers required for passing of final bill within three month from the date of charging / commissioning of line.

17..3 A lump sum amount of 6 % of the order value OR Rs.1.0 lacs whichever is less, will be withheld From the running bills of stringing work, which will be released only after handing over of these documents to the satisfaction of concerned Supdt. Engineer (Trans).

17.4 The contractor has to return empty Conductor / Earth wire Drums if it is Steel Drum. For non return of Empty steel drum recovery will be made from their progressive running bill as mentioned below: -

Unit weight of empty drum in kg x standard rate of store for steel scrape = unit cost of steel drum in Rs. For wooden Drums, contractor has not to return the empty Conductor/Earth wire Drums for the conductor/ E.W used for this line.

Conductor and Earth wire parameters

Sr.	Description	CONDUCTOR	Earth wire

No.			
1)	Materials	ACSR PANTHER CONDUCTOR	GALV. STEELWIRE
2)	Size & stranding	30/3.0-AL 7/3.00-ST	7/3.15
3)	Ultimate Tensile strength	89.19 KN	56.017 KN
4)	Weight	976 Kg. / Km	432 Kg. / Km
5)	Overall diameter	21.00 mm	9.45 mm
6)	Area of cross-section	261.2 mm^2	54.57 mm^2
7)	Maximum working Tension at :		
	i) 32 Deg. C with full wind	1223 Kg.	1285 Kg.
	ii) 0 Deg. C with 2/3rd full wind	3050 Kg.	1315 Kg.
8)	Maximum sag under maximum temperature and no wind condition.	7.95 Mtr. At 67 deg.C	7.300 Mtr. At 67 deg.C.
9)	Modules of elasticity	8000 Kg / mm^2	1.933x106 Kg/ mm^2
10)	Co-efficient of linear expansion.	$19.3x10^{-6}$/Deg.C.	$11.5x10^{-6}$/Deg.C.

18.0 WASTGES:

18.0.1 The contractor shall make every effort to minimize the breakages, losses and wastages of line material etc. supplied " Free of cost " by the GETCO for line Erection work.

18.0.2 The maximum ceiling for wastages permitted is as under:

The maximum ceiling for wastages permitted is as under:		
Sr no	**Item**	**% Wastages permitted (Max.)**
1	conductor & earth wire	1/2 % (for jumpering & sag)
2	conductor & earth wire	1/2% (for credit s scarp of cut piece length (from 10 mtrs up to 30 mtrs)
3	conductor & earth wire	2 % (for credit in pieces s good conductor from > 30 mtrs up to 100 mtrs)
4	Insulators	1/4 %

BOM WEIGHT OF 66 KV D/C TOWER SUITABLE FOR PANTHER				
SR NO	**TOWER TYPE**	**STRUCTURE WEIGHT**	**HARDWARE WEIGHT**	**TOTAL WEIGHT**
1	"PP" – Template	238.472	4.792	243.264
2	"PP stub	117.288	0.040	117.328
3	TOWER 'PP"	1518.490	78.090	1596.580

4	P+3	301.700	6.204	307.904
5	P+6	628.248	16.198	644.446
1	"PQ" – Template	344.844	5.816	350.660
2	"PQ stub	178.992	0.992	179.984
3	TOWER 'PQ"	2108.436	95.553	2203.989
4	Q+3	525.268	16.523	541.791
5	Q+6	944.565	25.654	970.219
1	"PR" – Template	417.836	10.040	427.876
2	"PR stub	196.740	0.992	197.732
3	TOWER 'PR"	2370.409	106.521	2476.930
4	R+3	591.428	17.302	608.730
5	R+6	1208.672	34.689	1243.361
1	"PS" – Template	546.796	15.120	561.916
2	"PS stub	316.704	0.992	317.696
3	TOWER 'PS"	3337.735	134.187	3471.922
4	S+3	852.872	24.698	877.570
5	S+6	1631.720	46.809	1678.529

66kv D/C Tower line with Panther conductor						
SR NO	**TYPE OF TOWER**	**EXCAGSTION**		**CONCRETING**		**RCC**
				M20	**M15**	
1	**NDS**	**NDS**	**DBC**			
a)	Tangent- 2 deg	10.72	0	1.41	0	33
b)	Small Angle-15 deg	12.78	0	1.89	0	87
c)	Medium Angle-30 deg	10.2	0	2.18	0	107
d)	Large Angle-60 deg/DE	18.6	0	3.13	0	221
	Total					**TOTAL**
2	**DBC**	**NDS**	**DBC**			
a)	Tangent- 2 deg	0	32.75	4.53	0	85
b)	Small Angle-15 deg	0	49.59	5.99	0	191
c)	Medium Angle-30 deg	0	58.18	6.81	0	260
d)	Large Angle-60 deg/DE	0	93.31	9.53	0	543
	Total					**TOTAL**
3	**PDBC**	**NDS**	**DBC**			
a)	Tangent- 2 deg	6	6.3	2.28	0	34
b)	Small Angle-15 deg	7	7.63	3.306	0	115
c)	Medium Angle-30 deg	8	8.18	3.47	0	137
d)	Large Angle-60 deg/DE	15	14.54	4.76	0	344
	Total					**TOTAL**
4	**NSSR**	**NDS**	**SR**			
a)	Tangent- 2 deg	4.68	1.52	1.63	0	0
b)	Small Angle-15 deg	4.68	1.68	1.79	0	0
c)	Medium Angle-30 deg	4.68	1.78	1.8	0	0
d)	Large Angle-60 deg/DE	4.68	1.62	1.75	0	22
	Total					**TOTAL**
5	**PSBC**	**DBC**	**BC WET**			
a)	Tangent- 2 deg	33.14	29.81	8.42	1.1	236
b)	Small Angle-15 deg	47.04	47.04	11.3	1.57	448
c)	Medium Angle-30 deg	54	53.1	12.77	1.8	617
d)	Large Angle-60 deg/DE	82.14	95.83	18.79	2.74	1364

	Total					TOTAL
6	**9 Mtr. extension (NSSR)**	**NDS**	**SR**			
a)	Tangent- 2 deg	4.68	5.04	3.152	0	35
b)	Small Angle-15 deg	4.68	5.04	3.152	0	35
c)	Medium Angle-30 deg	4.68	5.04	3.152	0	35
d)	Large Angle-60 deg/DE	4.68	5.04	3.152	0	35

SCHEDULE – ' A '

Following material will be supplied by GETCO "free of cost" for erection of transmission line:

Towers, stubs, templates, tower accessories, bolts-nuts, H-frame DP Structure, H-frame DP Structure Accessories Stay Sets, Stay wire etc.

1) Conductor, conductor accessories, earth wire, earth wire accessories.
2) Insulators, insulator hard wares.

Following materials / equipments will be procured / arranged by the contractor for erection of transmission line.

1) Cement as per IS –8112
2) Barbed wire.
3) Earthing sets.
4) Zinc rich paint for bolt-nuts welded portion
5) Various plates namely DP / NP / PP / CIP.
6) Other materials and tools-tackles required for erection activities like survey, foundations, tower erection and stringing.
7) Tor steel bars required for reinforcement.
8) Nuts/Bolts required for H-frame DP Structure.
9) Boring machine and other tool required for bore type earthing for DP Structure

STORE CENTRES

Line materials will be issued from following Store Centers:

Sr. No.	Name of Line	Store Centers for issue of line materials.
1	Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.	Nadiad Const Store (Kasor/Narol/Uttarsanda/ Nadiad)

Note: Generally, all required materials will be issued form above store centre. In case of non-availability of some items, contractor shall have to collect from other nearby store centers without extra cost to the GETCO.

Scope of work to be included:

Bidder shall be note that material/equipment shall be issued from Above store and Bidder shall arrange loading, unloading, transportation from Above store to work site.

(E) APPENDICES

Gujarat Energy Transmission Corporation Ltd.

APPENDIX –I

TENDERER'S EXPERIENCE

A List of Similar jobs executed by the Contractor &Name with address of a Person whom reference can be made, by the Corporation, if required necessary.
[Tenderers shall submit the information in the Format detailed here under]

Sr. No	Description of Work	Value Of Work Executed Rs.	Construction Period as per Contract	Actual Construction Period for the Completion of the work	Date Of Completion	Client	Persons to whom Reference may be made	Principal Features
1	2	3	4	5	6	7	8	9

Contractor's Representative legible signature: _____
Name of the person: _____
Seal of the company
Date & place:

Gujarat Energy Transmission Corporation Ltd.

APPENDIX – II
WORKS TENDERED / IN HAND

Details of other Works, tendered for & in hand, as on the date of the Submission of this tender [Tenderers shall submit the information in the Format detailed here under]

Sr. No	Name of work with location and address	Work in hand			Work Tender for			Remarks
		Tender Cost	Cost of Remaining work	Anticipated Date of Completion	Estimated Cost	Date when decision Is Expected	Stipulated Date or period Of Completion	
1	2	3	4	5	6	7	8	9

Contractor's Representative legible signature: _____
Name of the person: _____
Seal of the company Date & place: _____

Gujarat Energy Transmission Corporation Ltd.

GETCO
APPENDIX-III
TENDERER'S DETAILS OF PERSONNEL

The List of Technical Personnel intended to be placed at the Work by the Contractor.
[Tenderers shall submit in the Format detailed here under]

Sr. No.	**Description &Details of position**	**Name**	**Qualification**	**Professional Experience & details of works carried out**	**Remarks**
1	2	3	4	5	6

Contractor's Representative legible signature: _____
Name of the person: _____
Seal of the company
Date & place: _____

Gujarat Energy Transmission Corporation Ltd.

APPENDIX-IV

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.

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

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company

Date & place: _____

Gujarat Energy Transmission Corporation Ltd.

APPENDIX-V

PERFORMA, SHOWING THE DETAILS OF SITE VISIT DONE BY AGENCY BEFORE QUOTING THE TENDER.

[Tenderers shall submit in the Format detailed here under]

Sr. No.	Name of firm	Name of Authorized representative of firm who has visited the site.	Qualification	Designation / post holding in company.	Remarks.
(a)	(b)	(c)	(d)	(e)	(f)

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company

Date & place: _____

Gujarat Energy Transmission Corporation Ltd.

APPENDIX – VI
Qualification Requirement.

Contractor must fill up below details & should place at the top of the Technical Bid.

Sr No	**List of Documents**	
1	Registration	Class – with valid up to
2	P.F. No.	GJ/
3	Partnership deed/Proprietor(Notarized copy)	
4	Power of Attorney (Notarized copy)	
5	Bl. Sheet / P&L A/C, Statement of last three years.	
6	Latest Solvency certificate.	Rs. Lacs issued by Bank, branch Ltd.
7	GST Registration No.	
8	PAN NO	
9	Experience certificate – form 3A of last 5 years (minimum value of similar work done should be equal to or more than 50% of estimated cost	

Signature of Tenderer Company's Round Seal
Date :
Place

Gujarat Energy Transmission Corporation Ltd.

APPENDIX – VII

Contractor must fill up below details

1.	PRICES: [FIRM ONLY] (Please Specify YES / NO.)	
2.	PENALTY TERMS AGREED (Please Specify YES / NO.)	
3.	SECURITY TERMS AGREED: (Please Specify YES / NO.)	
4.	TERMS AGREED: (Please Specify YES / NO.)	
5.	VALIDITY Of the offer for 180 DAYS From the date of opening of the Technical Bid: AGREED: (Please Specify YES / NO.)	
6.	PAYMENT TERMS AGREED: (Please Specify YES / NO.)	
7.	MOBILE NOS., TELEPHONE NOS. & FAX NO:	
8.	Authorized person of the firm :	
9.	Name of the proprietor, partners, directors [as the case may be], along with address, telephone, fax no. etc.	

Signature of Tenderer Company's Round Seal
Date:
Place:

ANNEXURE-VIII

(TO BE SUBMITTED IN ONLINE / e-TENDERING FORMAT)

Ref.: *Date:*

"I / We declare that we are manufacturer for all the tendered items".

Confirm / Not Confirm: _____

Name of Bidder / Manufacturer: _____

Address of the works: _____
_____
_____

Seal & Signature of Bidder

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 _____ 2014. 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), Nadiad a State Transmission Utility under The Electricity Act, 2003 having its registered office at Sardar Patel Vidyut Bhavan, Racecourse, Nadiad.(hereinafter called as GETCO, which expression shall mean and include its legal representative, administrators assigns) has agreed under the terms and conditions of the contract no._____ dated_____made between _____ and_____for the contract of the _____value of Rs. _____ interalia on production of Safety Cum Indemnity Bond.

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

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

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

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

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

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

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

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

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

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

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

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

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

Sr. no	Amount of Contract in Rs.	Penalty amount
1	Up to 1 Lac	Rs. 5000/-
2	Above 1 Lac to 10 Lacs	Rs. 40,000/-
3	10 Lacs to 100 Lacs	Rs. 1,00,000/-
4	More than 100 Lacs	1.0 % of contract value.

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 herein above and submitted a "NO DEMAND CERTIFICATE" from the GETCO under the said order. The Safety cum Indemnity Bond shall be valid for a CONTRACT PERIOD and renewable thereof (Claim Period). i. This Safety cum Indemnity Bond and the guidelines as per Annexure-A herein contained are in addition to And not by way of limitation or substitution for any other guarantee, indemnities Hereto before given to the GETCO by the CONTRACTOR and this indemnity does not Revoke or limit such indemnities or Guarantees. IN WITNESS WHEREOF the Parties hereto have executed this Indenture the day the year First hereinabove written.

(Signature with seal of The CONTRACTOR)

In the presence of:

1.

2.

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 as 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 work 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.	Prior to execution of work a joint survey must be conducted by GETCO supervisor, and contractor's supervisor and DISCOM line man in order to identify the following.
• Clearly identify the work location to distinguish between the equipment that is dead and other equipment / part that may be live. • Disconnect the equipment from supply. • Protect against other live parts. • Take special precautions when close to the bare conductors/bus bar	a.HT/LT line or tap line crossing under each span of line of the work. that b. Isolation point of each line crossing. c. Each line crossing & isolation point under each span must be discussed and noted in maintenance register with sketch
Following safety guidelines are mandatory for all contractors operating in GETCO premises for Electrical, non-electrical & civil works. 1) The contractors must provide advance planning of work to concerned in-charge of substation in writing. 2. Before starting any work whether switch yard, "permit to allow to work" must be taken from control room in-charge. 3. Utilizing Electrical / non-electrical. equipment's, safety rules must be Implemented. 4. If the work is to be carried out on Sunday or public holiday, the necessary permission must be taken in advance, requesting in writing. 5. Unwanted person including children of labours will not be allowed at working site/in the switchyard and in the prohibited area. 6. Any electrical work or electrical connections to equipment for any other work must be carried out by certified 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.	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 contractor's person should be posted to ensure that no person restore D.O. Supply while work is under execution. Contractor's supervisor must ensure that concern officer take LCP for EHV line and power line crossing.

- Transformer must be switched off whenever and wherever contractor and line workers are not satisfied with isolation, earthing or any equipment performance of GETCO, it will be pointed out and work shall begin only after resolution. Contractor shall not take up job in absence of GETCO authorized person. All wire temporary connection & material whenever erection activity has any connection and disconnection work of bus bar, string bus.	
All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, etc, duly approved by GETCO.	All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like, gloves, safety belt, Safety shoes, Helmet, earthing rods, Live line detector etc, duly. Approved by GETCO.
The local earthing must be done at the place of work before execution of any work.	The local earthing must be done at the place of work before execution of any work.
11 kV breaker in panel must be switched off and racked out only after ensuring no voltage in breaker and without door opening.	Circuit breaker opening is not an isolation and isolator on either side must be opened. No work during rains and cloudy weather Condition.
	Transmission line activities. 1) Used of Voltage detector to ensure Outage. 2) Earthing at three points, local, left &right side of bus bar / string bus. 3) Match line colour code with color of wrist band.
	Local earthing of electrical equipment's 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.

GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

Transmission Circle, NADIAD

Name of work: Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.

PRICE SCHEDULE

TENDER NO. NTC/NRL/OCT-26/213

GUJARAT ENERGY TRANSMISSION CORPORATION LTD.						
Name of Work **:- Work of Shifting/Raising of various 66kV Lines under Narol AM Division passing through new Railway line project between Geratpur- Sanand Section under Western Railway Ahmedabad unit of Gujarat under deposit Scheme Option-I under Nadiad Circle.**						
SCHEDULE B						
Sr No	**SOR No**	**Description of Work/Supply**	**Unit**	**Tender Quantity**	**Rate Rs.**	**Amount Rs.**
1	Part-A-1	**Work of an original survey with line route alignment, preparation & submission of detail** reports as per requirement of EIC in 6 copies including excavation for trail pits in any type of soil for soil classification work, the size of trial pits is 1x1x3 meter, 2 Nos. of such pits in 1 km length & providing and fixing of pre-cast permanent concrete blocks/stones of 150mm x 100mm x 300mm (LxBxH) on each deviation point / trial pit on entire line with chain age / Trail Pit number (TP-1) painted on it as per instruction of the EIC. The rate is inclusive of back filling of the pits so excavated after classification of soil for foundation. Detail scope of Work :- (a) Submission of feasible and shortest 3 numbers of line route on survey of India topo sheet and kmz file. Also, fixing and submission of one final route on survey of India Topo Sheet, on google map and kmz file as per requirement. (c) Preparing tower schedule with details like type of tower with summary - Indication of all angle point with fixing of suspension tower in between angle point, foundation type, sectional length, lat-longs (co-ordinate), name of village, land type (Waste or agriculture), BOQ of foundation, BOQ of tower etc. as per requirement of EIC. (d) To take level of major crossing with detail & indicate detail about major nearby installation Like defense, Airport, Oil filled etc. (e) Submit all type of statutory details with drawing, which require for statutory approval i.e. Crossing of Electric Line (all type), Gas Line,	Km	4	9,467.00	37,868.00

		National / State highways, Railway, Canal, Forest etc. Importantly, any work other than mentioned will align with the specific requirements outlined by the Engineer-in-Charge. Note : The survey report will be submit with sign and stamp of the surveyor agency and engineer in charge.				
2	Part-C-2	Original survey with route alignment (3 alternative route) on survey of India Topo sheets, detailed survey, preparation and submission of route alignment with modern techniques in 6 copies & providing pre-cast permanent concrete blocks/stones of 600mm x 300mm x 100mm on each deviation point on entire line with chain age painted on it, as per instruction of EIC.	KM	2	5,247.00	10,494.00
3	Part-A-3	Check Survey along with plotting of line route on village (tika) map with Coordinates including detailed survey, preparation of profiles and revision in original route alignment, if any and as per instruction of EIC.	Km	4	9,277.00	37,108.00
4		Excavation excluding back filling, but including shoring, shuttering, dewatering, tree cutting for tower footings etc. for :-				0.00
	Part-A-4a	a) Normal soil either dry or wet/Sandy soil	Cu.m	475	307.00	145,825.00
	Part-A-4b	b) Black Cotton Soil either dry or wet	Cu.m	1350	614.00	828,900.00
	Part-A-4.d	(C). Black cotton Submerged /marine soil where dewatering is necessary	Cu.m	1	703.00	703.00
	Part-A-4.e	(.e.) Soft Rock	Cu.m	1	1,066.00	1,066.00
5	Part-A-5	Installation of steel reinforcement in concrete foundation including supply of GETCO Approved M.S. bars, binding wire. Work also includes their cutting, bending, shaping and binding with binding wire and fixing in position of TMT bars as per drawing before the concrete work and as per instruction of the EIC	MT	18	99,900.00	1,798,200.00
6	Part-A-6	Stub-setting with prop or template including back-filling, during back filling dispose of excess soil and levelling of site is to be done as per instructions of EIC but excluding excavation and concreting etc. for all	MT	15	8,206.00	123,090.00

		types of towers/extensions except special towers. (Weight of stub, cleat & template with Bolt & Nuts of stub & template shall be counted)				
7	Part-A-7	Concreting of foundation by M20 mixture including shoring, shuttering, compaction, dewatering etc. for normal tower / tower with extension upto 25mtr. After completion of concrete work, curring (watering to concerte) is to be done as per instruction of EIC. (Rates are inclusive of supply of GETCO approved Cement only.)	Cu.m	220	12,246.00	2,694,120.00
8	Part-A-7.b	Concreting of foundation by M15 mixture including shoring shuttering ;dewatering etc.for normal tower /tower with extension up to 21 mtr.(rates are with cement)	Cu.m	14	10,306.00	144,284.00
9	Part-A-8	Grounding of towers with pipe type earthing including excavation and back filling, with supply of all materials like 32mm dia heavy duty 3 mtr. long G.I. Pipe, 50 x 6 mm G.I. flat, GI bolt-nuts, with GI spring washer, salt, charcoal etc. as per drawing and as per instruction of EIC.	Set	30	8,985.00	269,550.00
10	Part-A-14	Erection of super structure upto 6 meter extension including tree cutting, fixing of tower accessories, attachments except ACD /DP /NP /CIP /PP and excluding tack welding of bolts as per instruction of EIC. This includes taking delivery of tower materials and bolt-nuts from GETCO's stores etc. for normal, extension & special towers at destination and keeping them in safe custody and transporting the same to erection site.	MT	75	10,076.00	755,700.00
11	Part-A-18a	Fixing of Anti-climbing devices including supply of barbed wire as per drawing and as per instruction of EIC. a) 66KV	Loc.	15	2,596.00	38,940.00
12	Part-A-19a	Fixing of DP / NP / PP / CIP including supply of plates and supply of G.I. bolts-nuts & tack welding as per drawings and as per instruction of EIC. A) S/C	Loc.	15	1,690.00	25,350.00
13	Part-A-20	Tack welding of nuts upto approx. 10 mtrs. height OR two bottom-most panel from ground level at three places on the nuts diametrically and applying zinc	Per Bolt.	7500	15.00	112,500.00

		rich paint immediately after tack welding and as per instruction of EIC.				
14	Part-A-21	Dismantling of any type of tower including transportation & crediting to nearest GETCO's store or substation as per instruction of EIC.	Per MT	60	8,434.00	506,040.00
15	Part-A-22	Cutting of stubs of old tower to be dismantled including breaking of chimney/cutting of RCC upto 450mm below ground level & crediting stubs & steel bars to GETCO's store or substation including back-filling & leveling of site as per inst. of EIC.	Per tower	15	12,618.00	189,270.00
16	Part-A-23c	Work of Painting of Line name, Location No., two coat Painting Color code of desired length and telephone no. on Tower Leg with letter of Gujarati language using ISI marked Paint as per instruction of EIC including Supply of paints and other require materials. C). **Two legs - For 1 Nos. of Line (S/C)**				0.00
	Part-A-23b	All four legs - For 2 Nos. of Line (D/C)	per loc	20	431.00	8,620.00
	Part-A-23c	Two legs - For 1 Nos. of Line (S/C)	per loc	10	216.00	2,160.00
17	Part-B-1	Stringing of ONE ground wire including laying, jointing, tensioning, clamping with accessories, jumpering, & sister wire, vibration damper earth bond etc.& including tree cutting as per instruction of EIC.	RKM	3	16,843.00	50,529.00
18	Part-B-3	Stringing of **ACSR/ AAAC 3 (Three) Dog 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.	RKM	1	39,916.00	39,916.00
19	Part-B-3	Stringing of **ACSR/ AAAC 6 (Six) Dog conductors** for Double 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.	RKM	1	79,832.00	79,832.00
20	Part-B-4	-do- but for Stringing of ACSR/ AAAC 6 (SIX) conductors for double circuit.	RKM	2	1,12,928.00	225,856.00

		(Panther Conductor)				
21	Part-B-13	Dismantling of Dog conductors and line materials of existing line including transportation & creaditing to nearest GETCO's store or substation as per instruction of EIC.: (A) COLD CONDITION - 6 Conductors D/C	RKM	2	48,354.00	96,708.00
22	Part-B-13	Dismantling of Panther conductors and line materials of existing line including transportation & creaditing to nearest GETCO's store or substation as per instruction of EIC.: (A) COLD CONDITION - 6 Conductors D/C	RKM	2.5	67,012.00	167,530.00
23	Part-B-13	Dismantling of Earth Wire and line materials of existing line including transportation & creaditing to nearest GETCO's store or substation as per instruction of EIC.:	RKM	4	9,985.00	39,940.00
24	Part-C-1	Erection of 66KV Double C type H frame structure for angular location upto 60-degree deviation/ dead end with channels, bracings, clamps etc. for double C type location including excavation, in normal/black cotton soil (Dry/Wet/submerged) and backfilling of earth, ramming and with supply of bolts, nuts, grounding with pipe type earthing as per drawing including excavation and back filling and supply of all materials like 32mm dia medium duty 2 mtr. long GI pipe (B class - Blue mark) and GI Flat of 50X6 mm size including supply of bolt nuts, salt, coal, charcoal, providing and fixing of NP with name of line/DP incl. supply of bolt and nuts and tack welding /punching as per drawings, Tack welding of nuts at three places on the nuts diametrically fitted to C ype structures and applying red oxide and zinc rich paint on it immediately after tack welding etc. as per drawing and painting of the complete structure including required tree cutting and transportation of all require materials as per instruction of EIC . Before erection, one coat of good quality primer must be applied to the complete structure and black Japan paint of standard make should be applied upto 3 mtr. from bottom. After erection. two coats of	No.	4	74,011.00	296,044.00

		aluminum paint of Asian, Burger, Nerolac make shall be applied to the complete structure. (Work includes name of line , location number, color code and telephone number on D.P.(2 legs) for information of concerned S/S incl. supply of paints etc. providing and fixing of ACD on all the girders as per drawings)				
25	Part-C-5	Stringing of ACSR/AAAC - 3 (Three) Dog conductors for single circuit including laying, jointing, tensioning, clamping with armour rod, hoisting of insulator string, jumpering, fixing of dampers etc. complete as per specification including required tree cutting with adequate clearance and safe charging of Line and as per instruction of EIC.	Route KM	2	27,071.00	54,142.00
26	Part-C-7	Erection of stay set complete including excavation with stay clamp, turn buckle, eye bolt, anchor rod and binding with 7/8 or 7/10 SWG earth wire, as per instruction of EIC.	Set.	24	802.00	19,248.00
27	Part-C-8	Concreting of foundation for all the structures, with M15 mix. including concreting of stay sets with supply of materials like cement of 43 grade, sand, metal etc. with muffing (400 mm Dia x 300 mm Ht.) above ground level for all the structures. After completion of concrete work, watering to concerte is to be done as per instruction of EIC. Rates are inclusive of supply of GETCO approved Cement only.	CU.M.	11	10,306.00	113,366.00
28	Part-C-10i	Transportation of Girder / Rail from GETCO's nearest / any Store Centre to one end of the line including loading and unloading and as per instruction of EIC. 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)	Job / Lot	2	16,848.00	33,696.00

29	Part-C-11	Conversion of 'A' type 'H' frame structure into 'B' type 'H' frame structure in existing line by replacing necessary channels etc. and termination and restringing of Dog or Panther 3 conductors for making LILO arrangement with existing line or for change over of line during availability of specified outage only. Supply of require size GI N/B will be in the scope of contractor. Item also include transportation of new B type channel from store / Substation as per availability to site and to be creadit the dismental old channel / any hardware and other materials if replaced to TR dept with necessary inventory as per instruction of EIC.	Job work (Per Loc)	5	34,042.00	170,210.00
30	Part-C-12	Dismantling of 'A' & 'B' type 'H' frame structure by breaking of muffing upto 450 mm depth from ground level and cutting the girders from 450 mm depth from ground level by gas cutting & crediting the material to GETCO Store or Substation including transportation as instructed by Engineer in-charge.	Loc.	4	7,656.00	30,624.00
31	Part-C-14	Dismantling of all three conductors and line materials such as insulators, hardwares etc. and crediting to the GETCO's Store or Substation including transporation as per instruction of Engineer in-charge with submission of pole wise inventory for preparing C.R.note.	Route Km.	2	16,136.00	32,272.00
32	Part-A-7	Concreting of foundation by M20 mixture including shoring, shuttering, compaction, dewatering etc. for normal tower / tower with extension upto 25mtr. After completion of concrete work, curring (watering to concerte) is to be done as per instruction of EIC. (Rates are inclusive of supply of GETCO approved Cement only.)	CU.M.	75	12,246.00	918,450.00
					Total Rs.	**1,00,98,151.00**
					GST 18%	**18,17,667.18**
					Total Amout with GST	**1,19,15,818.18**

SE AM NADIAD

REMARK: -

1. While calculating the weight of stub-setting, the weight of stub, cleat & templates shall also be added in stub weight.

2. Red oxide & zinc rich paint shall be applied after tack welding of nuts.

3. The above rates are with supply of cement by the contractor.

4. The rate indicated above includes taking delivery of all stringing material from Contractor Store / GETCO's store keeping them in safe custody and transporting the same to erection site.

5. The above rates are with supply of cement by the contractor.

6. The rates of erection of 'H' frame structures are 'per No.' irrespective of weight and type of steel sections provided by Board to be erected.

7. All 'H' frame A, B, C type structures, tension guys are to be fully concreted and wind guys shall be concreted for 0.6 mtr. Height only.

8. All the rates indicated above includes taking delivery of all stringing material from Board's Store at destination & keeping them in rate custody & transporting the same to erection site. Similarly, the rates of erection at Sr. No. 1 to 4 above includes transportation of material from one end of line to erection site.