GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

TRANSMISSION CIRCLE

JAMNAGAR

TENDER [WEB]


PARTY’S NAME: - ____________________________
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE OFFICE, JAMNAGAR-

Tender No. TCJ/15-16/10


1. Estimated Cost. Rs. **1, 56,297.30**

2. Earnest Money: Rs. 1570.00

3. Last date of receipt of tender: 15.00 Hrs

4. Date of opening the Tech bid: 16.00 Hrs
   (If possible)

5. Time limit: **6 Month**

6. Tender fee per copy: Rs. 160.00

   E.M.D. should be paid by D.D. in favor of GETCO, JAMNAGAR

SUPERINTENDING ENGINEER (TR)
C.O.GETCO, JAMNAGAR

___________________________________________________

Tender fee paid vide M.R. No. ___________________ Date ___________________

E.M.D. paid vide M.R. No ___________________ Date ___________________

I have read the terms and conditions of contract and abide by the same in all respect.

Date : ___________________

Signature & Seal / stamp of

Contractor / Company
GUJARAT ENERGY TRANSMISSION CORPORATION LTD.
TRANSMISSION CIRCLE, JAMNAGAR.


INDEX

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Particulars</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Special instruction to tenderer.</td>
<td>5 to 8</td>
</tr>
<tr>
<td>2</td>
<td>Special Condition</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>General Condition for erection of 66 KV sub station.</td>
<td>10 to 14</td>
</tr>
<tr>
<td>4</td>
<td>Scope of work and Technical specification</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>Erection of Equipment</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>Erection of 66KV G.I. Structure. (Technical specification)</td>
<td>17</td>
</tr>
<tr>
<td>7</td>
<td>Sub-station structures and equipment earthing.</td>
<td>18</td>
</tr>
<tr>
<td>8</td>
<td>TECHNICAL SPECIFICATION Lying of Control Cables and termination.</td>
<td>19</td>
</tr>
<tr>
<td>9</td>
<td>Terms &amp; condition regarding industrial laws and other related matters.</td>
<td>20 to 25</td>
</tr>
<tr>
<td>10</td>
<td>Work &amp; Safety Regulations.</td>
<td>21 to 25</td>
</tr>
<tr>
<td>11</td>
<td>Schedules</td>
<td>26 to 28</td>
</tr>
<tr>
<td>12</td>
<td>Price bid</td>
<td>29 to 30</td>
</tr>
<tr>
<td>13</td>
<td>Drawings</td>
<td>31 to 57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>58 to 60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Enclosed</td>
</tr>
</tbody>
</table>

General instruction and special conditions.

Name and Address of Party:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Tender Fee D.D.No. : ______________ Date __________________

EMD D.D. No. : ______________ Date __________________
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE, JAMNAGAR.

SPECIAL INSTRUCTION TO THE TENDERER.

1. The price bid of only those Bidders will be opened who are considered technically acceptable.

2. The Bidders shall specifically note that the Tenders are invited on percentage basis only.

3. The Bidders shall specifically note that the quantities/location and mentioned in the Tender are likely to vary as per the actual requirement. As such, the successful Bidders shall have to execute the work at the same order rates for the changed quantities, if any, without any extra compensation whatsoever.

4. The tenders shall remain open for acceptance at least for a period of Six Months, from the date of opening of tenders.

5. The Gujarat Energy Transmission Corporation Limited does not bind itself to accept the lowest or any tender. Getco reserves the right to reject any or all tender without signing any reasons whatsoever.

6. The bidder should furnish details of past experience of such jobs of similar nature completed by him satisfactorily, without this certificate offer shall be rejected out rightly.

7. The contractor has to submit the list of tools, tackles, equipments available along with the tender offer. The tender without this list and other required documents (as mentioned above herein the tender) should be rejected out rightly.

8. The Getco can delete any item in schedule of the tender, at the time of placing of work order.

TECHNICAL CRITERIA:

The tendered should have to submit with tender attested copies of following
1) PAN No.
2) Registration from GETCO of any registration class for similar work
3) 20% Solvency Certificate from Schedule Bank / Revenue Bank
4) Partnership deed
5) Latest Registration Certificate for provident fund of Employees / Labors and P.F. Code No. and its latest receipt
6) Experience Certificate as per technical criteria given hereunder
7) Vat Registration
8) Service Tax Registration
9) D.D. of Tender Fee & EMD in favor GETCO payable at Jamnagar
10) Latest Electrical Licenses Duly Renewed.
Small scale units & large scale units are not exempted from paying TENDER FEES & EMD. Also they are not entitled to get waiver of S.D. OR any type of price difference.

The bidder should have experience of similar nature work of 220KV & above class S/S during last three financial years.

The GETCO reserves the rights to reject any or all tenders or accept any tender without assigning any reason thereof.

SUPERINTENDING ENGINEER (TR)
GETCO, JAMNAGAR

SIGNATURE & SEAL
OF THE BIDDER.
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE, JAMNAGAR.

DETAILS TO BE FURNISHED BY THE TENDERER.

Details required to be furnished by the Tenderers by writing Yes / No against each item.

1) Whether the Tenders submitted is on percentage basis as called for. Yes / No.

2) Whether rebate furnished is in percentage basis as called for. Yes / No.

3) Whether the tender is submitted by Registered Post/speed post. Yes / No.

4) Whether all pages of Tender Specifications are sealed and signed by the Contractor. Yes / No.

5) a) Whether the Tenderer is registered with GETCO or Transmission Line Erection. Yes / No.
   
   b) In case of Yes in above, please furnish following details:-
      
      i) Registration Letter No. & Date:-
      
      ii) Class of Registration
      
      iii) Validity
      
   c) Whether Tenderer is having PF Code No. Yes / No.

6) a) Whether D.D. of Tender fee and EMD Enclosed Yes / No.
   
   b) In case of Yes, Please furnish details
      
      D.D. No. of Tender Fee: D.D. No. of EMD:

7) Whether following documents of Section-E-IV Part B are submitted.

   a) Human Resources Details Yes / No.

   b) Availability of tools, equipments etc. Yes / No.

   c) Details of orders executed Yes / No.

   d) Erection / stringing capability Yes / No.

   e) Company’s Article Of Association. Yes/No

   f) Details Of Partners/Directors. Yes/No

   g) B R /P A Authorized Person. Yes/No

   h) Power Of Attornay of Consortium Members. Yes/No
SIGNATURE & SEAL
OF THE BIDDER

Signature of
Authorized representative
Of Company/Agency

NAME :------------------------

STATUS :----------------------

Name of tendering
Company
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED,
TRANSMISSION CIRCLE,
JAMNAGAR.

DATE:-:

INTEGRITY        PARTNERSHIP
OUR ENDEAVOUR

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

* To maintain the highest ethicat Standards in business and professional.
* Ensure maximum transparency to the or pressure of any kind on GETCO or any of inducement satisfaction of stakeholders
* To ensure to fulfill the terms of agreement/ contract and to consider objectively the obligations.
* To ensure regular and timely release of payment on the dates for work done.
* To ensure that no improper demand is made by employees or by anyone on our behalf.
* To give maximum possible assistance to all the vendors/suppliers/service provider and other to enable them to complete the contract in time.
* To provide all information to suppliers/ contractores relating to contract/job which facilitate him to complete the contract/job successfully in time.
* To ensure minimum hurdles to vendors/ suppliers/contractors in complete of agreement/contract/work order.

PARTY’S COMMITMENT

* Not to bring pressure/ recommendations Outside GETCO to influence its decision.
* Not to use intimidation, threat, it’s employees under any circumstances.
* To be prompt and reasonable in fulfilling the contract, agreement, legate view point of parties.
* To provide goods and / or services timely as per agreed quality and specifications at minimum cost of GETCO.
* To abide by the general discipline to be maintained in our dealings.
* To be true and honest in furnishing information including payment to agents/ sub-agent.
* Not to divulge any information, business details available during the course of business relationship to others without the Written consent of GETCO.
* No to enter into carter/syndicate/ understanding whether forma/non-formal So as to influence the price.

Seal & Signature
(GETCO Authorized Signatory)
Name: 
Designation:

Seal & Signature
(Party’s Authorized Person)
Name: 

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**SPECIAL CONDITION:-**

**TAKING DELIVERY AND INSURANCE:-**

1.1 The contractor has keep materials in safe custody and will be reasonable for any damages to or loss of all materials at any stage before taking over of by GETCO.

1.2 The Contractor has to ensure for safe custody of all the materials at his own cost.

1.3 The Contractor shall have total responsibility for the entire materials stored loose, semi assembled and/or erected by him at site in his custody. The Contractor shall make suitable security arrangements at his own cost to ensure the protection of all materials, equipments 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 Getco.

1.4 **STORAGE-CUM-ERECTION INSURANCE:** The contractor shall take suitable storage-cum-erection insurance cover at his cost to the extent of 100% cost of S/S materials, which are required to complete the S/S. Bidder shall have to take the comprehensive Marine cum Erection (MCE) insurance policy against any loss, damage, theft, pilferage, fire etc for the complete period of storage, erection and commissioning up to the time of taking over of the S/S by GETCO. The contractor shall deal directly and pursue the claim with the insurance company and shall be responsible in regard to maintenance of all insurance coverage as well as for settlement of claim. The proof of insurance policy taken by the successful contractor shall be furnished/ submitted to Engineer-in-Charge of Getco. **No material shall be issued to bidder/erection agency in absence of such insurance policy. The risk shall be covered for lifting of materials from store to final handing over to GETCO. Further, in absence of the above insurance policy, R.A. Bill payment will be with held.**

1.5 In the event of any damage, theft, loss, pilferage, fire etc, Contractor will be responsible to lodge, pursue and settle all the claims with the insurance company for all items, materials and the corporation shall be kept informed about it. Contractor shall replace the lost/damaged materials/items promptly irrespective of the settlement of the claims by underwriter and ensure that the work progress is as per agreed schedule. The loss, if any, such replacement will have to be borne by the contractor and Getco will not entertain any claim/representation in this regard. However it will be contractor’s responsibility to insure the entire work till taken over by Getco.

**2.0 PENATLY FOR DELAY:**

2.1 The tenderer should note that the completion time allowed for carrying out the work should be strictly observed. Any delay that may take place in supply and erection beyond contractual cut off date stated as per stipulated delivery period shall be subject to the Penalty at the rate of $\frac{1}{2}\%$ of the contract value per week on delayed work (supply and erection work) with a ceiling of 10% of the total contract value.

*Signature of Contractor         Superintending Engineer (TR.)*

*With rubber stamp.                     GETCO, C.O., JAMNAGAR*
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE, JAMNAGAR.
General Terms and Condition

1. The erection work should be carried out according to the specification, manual of OEM (Original equipment manufacturer) /technical guide lines, FQP and instruction of E.I.C. and as per instructions and programmed laid out by the Executive Engineer / S/S in-charge of the work.

2. The contractor should have employee as Supervisor with sufficient qualification and experience who could supervise the execution of work thought. He should always be present on the site.

3. The time limit for this work is 6 Month due to outage constraint, however, time limit for work is **21 outage days** i.e. **7 days for each breaker** from the date of the commencement of the work failing which the penalty ½% per week or part thereof on delayed portion of work and / or supply value subject to ceiling of 10% of the total contract value will be imposed.

4. **Agency will be asked to carry out the work on availability of Equipment / material and agency has to start the work within 24 hrs after commencement by concern Executive Engineer or Superintending Engineer by providing sufficient man power.**

5. The time limit for the work may be reduced and contractor should make all his efforts to complete the work within stipulated time limit as may be given by the Engineer in charge depending upon emergency of work, GETCO reserves the right to reduce the time limit without giving any notice.

6. As regard damage the materials, equipment and worker of the contractor, he himself will be responsible. If there is any compensation to be paid in respect of “WORKMAN” compensation act of any other statutory provisions, the same will have to be paid by the contractor direct. If he thinks fit he may take necessary insurance cover, at his cost.

7. Security deposit: - The contractor will have to pay the Security Deposit at 5% of the order value. On placing the LOI 2.5% will have to paid in demand draft /FDR in favor of ‘GUJARAT ENERGY TRANSMISSION CORPORATION LTD’ payable at Jamnagar within 7 days from the date of the issue of LOI, and the remaining 2.5% will be recovered from the first two R.A. Bills and higher percentage of security deposit may be fixed at the direction of The Superintending Engineer.FDR must be in the name of GETCO A/C - name of contractor, duly signed and auto renewed.

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

9. **Guarantee: - It is the responsibility of the contractor to handover the complete work free of all defects. If within a period of one year from the date of handing over the work it is noticed that any defects occurs due to bad workmanship. It is the duty of the contractor to rectify / replace the same at his own cost. If within seven days from the date of**
receipt of such notice. The contractor do not take up the work, same will be carried out at his risk and cost.

10. Service tax will be paid on production proof of service tax paid by the contractor.

11. No higher rate of revised rate will be applicable for the work, if work is held up/ closed due to whatever so reasons.

12. Incase of any dispute/ doubt, the decision of Superintending Engineer (TR), GETCO, JAMNAGAR shall be unchallengeable, final and binding to the contractor.

13. The bill have to be submitted in triplicate to the concerned Executive Engineers /field Engineers with one copy to S.E.(TR), JAMNAGAR.

14. 10% retention money will be deducted from each R.A. Bills.

15. The quantum of the work as mention in estimate/ schedule – ‘B’ is tentative and it can be very differ as per site condition. The payment shall be made only on actual work executed max up to order quantity.

16. The bidder will be abide by and fulfill all the terms and provisions of the “Tender & Contract” for works as applicable and incase of any default there to the GETCO shall for fit the S.D. or any other action as may be decided by Superintending Engineer (TR), GETCO, JAMNAGAR.

17. The contractor has to remain in contact with Executive Engineer / Engineer in charge of work who will issue detailed instruction for the commencement of the work.

18. Contractor will abide by and fulfill all the terms and conditions and general terms and condition of the contract for works available in the office.

19. The cost of damages, if any will be recovered from the Contractor’s bill. The assessment of which will be done by filed Engineer at his sole discretion and his decision shall be binding to the contractor and shall be considered as final and unchallengeable.

20. The contractor will have to give indemnity bond to GETCO against any possible claim of compensation for damage to contractor’s equipments or staff or any of third party during the execution of work.

21. The contractor will have to complete entire job efficiently and timely, if he fails to do so entire work will be carried out at contractor’s risk and cost.

22. The contractor must engage sufficient knowledgeable persons with supervisor for such type of Job and carry out the work as per directives of the Engineer in charge.

23. The Contractor will be governed by The GETCO’s general conditions of works contract. The Booklet will be available in the concerned office in any working days. In the event of placing order, the contractor will have to sign other documents and agreements. All the usual terms and conditions of the GETCO, through the same might have not been mentioned in this specification or contractor booklet will applicable to this contract and the decision of the Superintending Engineer shall be binding on the contractor.
24. After completion of the work, all the surplus materials issued by the GETCO shall be returned by you to the respective center of the GETCO as per instruction of Engineer in charge at your cost.

25. Specification in any items mentioned in tender are subject to change without any prior notice and binding to the contractor.

26. GETCO shall deduct the Income-Tax and other taxes as per prevailing rules from each and every bills.

27. If the work is required to be carried out during fix outage then the contractor has to deploy adequate man power, material, tools etc. well in advance and has to complete the entire work during this specific outage period only, failing to which GETCO shall be at liberally to deduct the amount of revenue loss due to prolong outage.

28. Contractor has to co-ordinate E.I.C. for planning of outage and work schedule thereof, so as to complete all the planned work in outage. Contractor has to deploy adequate manpower accordingly.

29. The contractor shall not refuse to execute the work order at any time and it will be his sole responsibility to execute and complete this work as per the instruction of Engineer in charge.

30. For shortages of any materials issued by the GETCO for the work, recovery shall be made from you, on the basis of prices of the materials (prevailing on the date of settlement of materials account) plus 15% supervision charges.

31. No part rate or reduced rate shall be allowed in final bill.

32. Necessary tools, tackles, crane compression jointing machine for conductor, earth wire, cutting machine, welding set, and drill machine etc. for the work are to be arranged by the contractor at their own cost.

33. The contractor has to follow all labor laws, safety rules and regulations. The GETCO does not take any responsibility in case of accident or injury to the workers. The safety/security of men, materials and equipments shall be sole responsibility of the contractor.

34. Contractor has to comply all statutory requirements of Central/ State Govt., local government authorities and obey safety and insurance rules etc.

35. The bidder shall specifically note that GETCO will not pay any extra amount towards any type of claim except for the description indicated in Schedule – ‘B’. The party has to carry out all other/ additional required activities/ works as directed by Engineer in charge which is not mentioned in Schedule but required to be completed as per site condition and for this work no extra payment shall be made by GETCO.

36. In addition to the general of the TRANSMISSION particular, attention shall be paid to the final finish and every effort shall be made to have the entire work contented with standard of workmanship by the contractor.
37. Complete installation shall be put to the necessary test as required and should be approved by Government Electricity Inspector and if any necessary correction/modification suggested, will be carried out by the contractor at their own cost.

38. In case of any doubts about what is mentioned in specification or schedule or elsewhere, the tenderer should get all doubts cleared from the Department in writing and in advance of filling in the Tender. In case of difference of opinion about interpretation of specification etc the decision of Superintending Engineer will be final and shall be binding to the contractor.

39. The contractor shall have to maintain accurate day to day and item wise account of use of issued materials which shall be got checked from time to time by the representative of the GETCO. The contractor will be responsible for custody and preserving the issued materials till the work is handover by the contractor after completion.

40. The contractor has to maintain site register, covering all the daily details of material receipt and utilization, progress of work etc. This register shall be checked and signed by Engineer in charge and Superintending Engineer during the site visit. Any bill without site register shall not be passed.

41. The contractor shall be responsible for breakages, losses and thefts of material during transit or erection after the materials issued from the stores till the completion of work and is taken over by the GETCO.

42. The contractor will be responsible for the loss, distribution of deterioration of the materials, stores or articles supplied to him by the GETCO, even if such a loss distribution or deterioration has occurred under any circumstances whatsoever beyond his control as if the materials, stores or articles so supplied were his property.

43. The contractor shall co-operate with the GETCO in recording measurement etc as expeditiously as possible and he shall fulfill all the requirements which are necessary to finalize the accounts on the basis of its records and pay him such amount as if found due to him together with the amount of security deposit. If any remaining payable to him after deduction there from the amount due by him to the GETCO. The GETCO shall not entertain further claim from thereafter.

44. You will ensure that completion of erection work i.e. all works connected with substation having been completed correctly as per Indian Electricity Rules & required procedure of Getco and any extra cost involved due to incompleteness of work or bad workmanship found out subsequently shall be set right forth with by contractor at their own cost.

45. All erection charges are inclusive of fixing of clamp connectors, all necessary accessories to the respective equipments.

46. Transformer erection charges cover shifting, dragging, handling etc. for its bushings, radiators, conservator tank and allied accessories and oil filling, filtration (if required).

47. All the required tools and tackles like compression jointing machine for conductor, earth wire, cutting machine, welding set, drill machine, etc are to be arranged by the contractor at his cost.
48. If filtration of transformer is required in any case the filter machine shall be arranged by Contractor at his own cost.
49. After completion of project successful bidder has to submit all the records like battery charging report, control wiring schedule, earth pit lay out, earthing grid layout, power cable lay out, yard light pole and Ckt lay out etc in hard and soft copy for handing over the project.
50. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO
51. All work should be done according to ISO & FQP and all requier documents including filled FQP, testing results, etc should be submitted while handing over the line

52. **Welfare Cess**
   - 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.
   - 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.
   - The welfare cess@1% is considered in the price schedules so, the bidders are requested to quote accordingly.
   - GETCO shall pay the welfare cess by way of reimbursing to contractors on production of documentary evidence of payment.
   - The contracts for which supply or part supply of material are in the scope of GETCO, then contractors shall deposit welfare cess on estimated cost of supplied items to GETCO on progressive basis of utilization. As this part of welfare cess is on GETCO account, the same shall be reimbursed to the contractor on receipt of request letter along with documentary evidence of payment. For calculation of welfare cess on supply part, valuation as per MR shall be taken and informed to the contractor for payment. This will be over and above the A/T value.

The modality of payment/ reimbursement of welfare cess will be as under.
   - 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.

**Signature of Contractor**  
**With rubber stamp.**

**Superintending Engineer (TR.)**  
**GETCO, C.O., JAMNAGAR.**
**SCOPE OF WORK AND TECHNICAL SPECIFICATION**

**Erection of Equipments.**

1. All erection work is to be carried out strictly as per the manual of OEM (Original equipment manufacturer) /technical guidelines, FQP and instruction of E.I.C.

2. All the equipment to be opened carefully and any damage during opening of equipment cases or during shifting of at erection places will be at Contractor’s cost.

3. Before erection of equipment it should be cleaned properly or if required may be washed as per instruction Engineer-in-charge.

4. Before erection initial testing of equipment whatever is required is to be done with the help of Engineer-in-charge for which no any extra charge will be paid.

5. Arrangement of erection is to be get inspected by Engineer-in-charge before erection of equipment and its structure.

6. No any extra charges are to be paid if any equipment is required to change its position as per requirement after erection.

7. Within the sub-station yard no any extra shifting charge will be paid to the Contractor for any equipment.

8. The erection work should be carried out according to the specification and detailed drawings of equipments as per instructions and programmed laid out by the Engineer in charge. Contractor has to ensure safe shifting and shifting and erection of all accessories/ equipments as per standard norms.

9. The contractor has to arrange for minor fabrication (if required) at free.

10. Erection of panel board is includes shifting in control room – bolting with side panel – leveling of panel with proper grouting as per instruction of Engineer-in-charge.

Signature of Contractor
With rubber stamp.  
Superintending Engineer (TR.)
GETCO,C.O., JAMNAGAR.
Erection of 66KV G.I. Structure.

1. All the structure to be erected in line level and in plumb as per instruction of Engineer-in-charge.

2. If any structure falls after erection but before grouting then it is a responsibility of Contractor to replace damaged members at their own cost.

3. After taking delivery of the structures, contractor is fully responsible for safe custody and theft which will be at Contractor’s cost till completion.

4. During erection due care is to be taken for any damage to any equipment in side the S/S yard and any damage to the equipment is at Contractor’s Cost.

5. Required tools, tackles, ropes, spanners and skilled labors etc. are to be arranged by the Contractor at his cost.

6. All bolt and nuts to be fixed properly and spring washer, flat, washer to be used as per drawing.

7. If any minor fabrication / modification is required during erection to the structure i.e. holes, cutting, which is to be carried out by the Contractor at free of cost.

8. Any loose materials which obstacles during the erection are to be shifted by the contractor for which no extra charges are to be paid by Getco.

Signature of Contractor
With rubber stamp.

Superintending Engineer (TR.)
GETCO,C.O., JAMNAGAR.
Sub-station structures and equipment earthing.

1. Earthing pits are to be excavated as per standard drawing and as per instruction of Engineer-in-charge.

2. Generally in rocky / soft rock strata mesh type earthing are to be provided from scrap / flat which will be given to the contractor at free of cost for which account to be submitted and necessary fabrication welding, joining with pipe is to be done by the contractor.

3. Back filling and watering of earthing pits is to be done in the presence of GETCO Supervisor only.

4. Earthing pit activities should be done in presence of GETCO supervisor and in such a way that final earthing pit resistance should be up to the limit as per standard. All expenditure like sufficient watering to maintain earth resistance up to the mark should be borne by the contractor.

5. For laying of earthing strip in side the sub-station yard for equipment and s/s structure contractor has to be carried out as per the specification is to be laid properly by making welding joint and bolt wherever is required.

6. In case of hard strata contractor has to fill-up earthing trench after laying of strip by black cotton soil.

7. All earthing joints are to be welded with structure of equipment by means of proper welding and bolts with structure and with the earthing pits. All the welded joints are to be painted with Aluminum Paint.

8. The GETCO will supply Bentonite Chemical Compound, steel section required for earth mesh/ structure, G.I./ MS Strip required for completion of earthing work. The wooden charcoal, salt, black cotton soil, G.I. Pipe, C.I Pipe, nuts and bolts and lugs etc required for completion of earthing work shall be arranged by the contractor.

9. All earthing joints including the earthing trench is to be made over lapped with earthing strip.

10. Equipment earthing, arrangement of earth pit should be done as per standard drawing and connected with the earthing mat as per standard drawing and instruction of Engineer In charge.

11. Cutting, bending, welding, brazing, wherever necessary is to be done by the contractor.

12. The Classification of hard rock strata should be got approved from E.E. invariably.

Signature of Contractor
With rubber stamp.

Superintending Engineer (TR.)
GETCO, C.O., JAMNAGAR.
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE, JAMNAGAR.

Lying of Control Cables and termination.

1. Before laying of control cable proper schedule of cable laying with showing length of each cables is to be prepared and is required to be approved by Engineer-in-charge.
2. Cable should laid in such a way that no any twisting of cables is to be found or no cables should be cut under length or over length.
3. All cable are to be laid and clamped in side the cable trench as per the instruction of Engineer-in-charge.
4. Cable markers should be provided near by termination at both ends.
5. Wherever there is no cable trench for laying of control cable, the cable should be laid by providing half round gutters. The half round gutter will be provided by the GETCO.
6. For termination of control cable required size of cable glands copper lungs ferrules tap, sleeves, etc. are to be supplied by the Contractor at their own cost.
7. All cables terminated inside the panel / equipment with giving proper shape and clamping and taping no any cable leads to be got earthed.
8. During testing of control wiring of panel / equipment, contractor has to witness the job without any charge.
9. Any fabrication is required in side the kiosk box / panel / equipment for fixing of glands and clamps is to be done by the contractor at his cost.
10. The Control wiring work should be carried out according to the specification and as per instructions and programmed laid out by the Engineer in charge of the work.
11. The Control wiring work should be carried out according to the specification and as per instructions and programmed laid out by the Engineer in charge of the work.
12. Before and after laying, the cables there shall be tested for physical damage, continuity, absence of cross phasing etc. in presence of Engineer In charge.
13. Cable Termination Box:-
   a. Cable Termination Box are to be provided with lockable door and necessary arrangement for glanding cable along with supply of gland.
   b. The bolts, nuts & screw required for erection is to be supplied by the contractor at their own cost.
   c. M.K. box/Cable termination box should have finished painted appearance and free from dots and uneven surface.
   d. Touch up paint at site shall have to be done, if necessary.

Signature of Contractor
With rubber stamp.

Superintending Engineer (TR.)
GETCO,C.O., JAMNAGAR.
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE, JAMNAGAR.

Bus bar / Earth wire stringing.

1. For stringing of conductor any size or any type is to be utilized which must be properly cut after taking correct measurement.

2. Conductor to be spread in a straight condition and no any twist is permitted if any twist is there than same is to be replaced by the Contractor at his cost.

3. No any scratches should be allowed during spreading bus conductor.

4. All disc. Insulators are to be cleaned and all the ‘W’ pin must be ensured before fixing to the conductor.

5. Before taking the tension of bus conductor on gantry beam, beam tension plate bolt, nuts to be checked and tighten. No over tension is to be allowed during tensioning of conductor and sag of conductor is to be kept as per instruction of Engineer-in-charge.

6. Wherever spacer are required to be provide at regular interval as per instruction of Engineer-in-charge.

7. Jumpering is to be done as per standard practice however it must be done with taking proper care of clearance between conductor and column.

Signature of Contractor
With rubber stamp.

Superintending Engineer (TR.)
GETCO,C.O., JAMNAGAR.
GUJARAT ENERGY TRANSMISSION CORPORATION,  
TRANSMISSION CIRCLE, JAMNAGAR  

Sub.: Yard lighting, C.R. Building & Quarter Electrification Work.

SCOPE OF WORK

1. Supply storage and installation of various fighting fixtures complete with lamps and accessories.
2. Supply storage and installation of lighting panels.
3. Laying and termination of 415 V, PVC armored power cable from lighting panel to the junction box at the bottom of the gantry to lighting fixtures receptacles & looping from one gantry to other shall be buried underground. Contractor shall quote the unit price of cable erection separately. Cables glands and lugs are included in contractor’s scope.
4. Laying & termination by 415 V, PVC armored power cable from street lighting panels to street lighting poles and power cables for looping from one gantry to gantry shall be in the scope of lighting contractor. These cables shall be buried underground. Cable glands and lugs are included in contractor’s scope.
5. The contractor shall fully co-ordinate the design and the work with the Engineer – In-Charge and various other contractors of the project.
6. Materials & components not specifically stated in this specification & which are necessary for satisfactory installation & operation of the lighting system shall be deemed to be included in the scope of the specification.
7. The design manufacture & performance of equipment shall comply with all currently applicable statues, regulations and safety codes in the locality where the equipment will be installed. Nothing in this specification shall be construed to relieve the bidder of these responsibility.
8. Unless otherwise specified, equipment offered shall confirm to latest applicable Indian and IEE standards. Equipments complying with one another authoritative standards such as British, U.S.A., V.D.E., etc., will also be consider if it insures performance equivalent of supplier to Indian Standards. In such cases the bidder shall clearly indicate the standard adopted and furnish a copy of the latest English version of the standards along with the tender should there by any dispute of design, work shall be followed :-

9. Indian Standards as per latest amendment should be followed :-

   (i) IS : 1913 - General & Safety requirement for Electric Lighting Fittings.  
   (ii) IS : 3523 - Water Proof Electric Lighting Fittings.  
   (iii) IS : 4012 - Dust Proof Electric Lighting Fittings.  
   (iv) IS : 4013 - Dust Tight Electric Lighting Fittings.  
   (v) IS : 1777 - Industrial Lighting Fittings with Metal Reflectors.
(vi) IS : 3287 - Industrial Lighting Fittings with Plastic Reflectors.
(vii) IS : 2493 - Well glass Lighting Fittings for use underground in mines. (Non flamp proof type).
(ix) IS : 2149 - Luminaries for Street Lighting.
(x) IS : 2183 - High Pressure Mercury Vapor Lamps.
(xi) IS : 1534 - Ballasts for use in Fluorescent Lighting Fittings (PART-I).
(xii) IS : 1569 - Capacitors for use in Fluorescent Lamps.
(xiii) IS : 2215 - Starters for Fluorescent Lamps.
(xiv) IS : 2713 - Tubular Steel Poles.
(xv) IS : 5133 - Steel & Cast Iron Boxes.
(xvi) IS : 2629 - Hot Dip Galvanizing of Iron & Steel.
(xvii) IS : 694 - PVC Insulated Cables for Working Voltage up to & including 1100 V
(xviii) IS : 732 - Code of practice for Electrical Wring Installation (System Voltage not exceeding 650 Volts.)
(xix) IS : 3043 - Code of Practice for Earthing.
(xx) Indian Electricity Act.
(xxi) Indian Electricity Rules.

10. The Standards mentioned above are available from: -
    Indian Standards Institution.
    Manek Bhavan,
    9, Bahdoor Shah Zafar Marg,
    New Delhi – 110 001.

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

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

13. **Cable Termination Box:**

1. Cable Termination Box for gantry structures, shall be completely weather proof
   confirming to IPW 55 and provided with lockable door & HRC fuse mounted
on fuse carrier and fuse base assembly. The terminal shall be stud type and suitable for two nos. 4 mm² cable necessary arrangement for glanding cable along with supply of gland are included in tender scope.

2. The bolts, nuts & screw required for erection is to be supplied by the contractor at His own cost.

3. Outside and inside the cable terminal boxes shall be supplied by the contractor at his colours.

4. Finished painted appearance on equipment shall aesthetically pleasing appearance, free from dots and uneven surface.

5. Touch up paint at site shall have to be done, if necessary.

14. **STREET LIGHT POLES:-**

1. The structure/pole & wall mounted G.I. pipe post shall be supplied with one “SINTEX” make SMC junction box described in Schedule ‘B’ item No: 62 heavy duty bakelite connector, brass Neutral link, rewire able fuse, rubber gaskets etc.

2. The junction box should be provided with proper bracing arrangement on structure/ wall by means of G.I. strips. The junction box should have two holes at the bottom to accommodate two siemens type tinned brass cable glands of suitable size for cable to be used. The cable glands of approved make should be supplied by the contractor.

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

15. **INSTALLATION OF POLES AND WALL MOUNTED G.I. PIPE POST:-**

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

16. **CABLE WORK:-**

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

17. **GENERAL PRECAUTIONS FOR HANDLING OF CABLES:-**

1. Before laying cables there shall be tested for physical damage, continuity, absence of cross phasing, insulation resistance to earth and between conductor, insulation resistance tests shall be carried out with 500 / 1000 volts megger.

2. The cable shall be supplied for site wound on wooden drum as far as possible. For smaller length and sizes cables in properly coiled from can be accepted.
The cables shall be laid by mounting the drum of cable on drum shall be mounted on a properly supported axle and the cable laid out from the drum in no case the cable will be rolled on as it produces kinks which may damage the conductor.

3. Sharp bending and kinking of cables shall be avoided. The bending radius for PVC insulated & sheet armoured cables shall not be less than 10 ‘D’, where ‘D’ is overall dia. Of the cable armoured cable shall never be concealed in roads with G.I. Pipe conductor R.C.C. pipes, required pipes will be supplied by the contractor. After drawing cable, the end of the pipe shall be sealed with cotton/bituminous compound.

18. **LAYING OF CABLES (UNDERGROUND SYSTEM):**

1. Cables shall be so laid in ground that, these will not interfere with other underground structures. All water pipe sewage lines or other structure which become exposed by excavation shall be properly supported and protected from injury until the filling has been rammed solidly in places under and around them. Any Telephone or other cables coming in the way are to be properly shielded/diverted as directed by the Engineer – In – Charge. Cables shall be laid at a minimum depth of 750 mm from ground level. Excavation will generally be in ordinary alluvial soil. The width of the trench shall be sufficient for laying of required number of cables. The surface of the ground after back filling the earth, shall be made so as to confirm in all respects to the surrounded ground and to the entire satisfaction of site Engineer.

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

3. Joints in the cable through out its length of laying shall be avoided as far as Possible and if unavoidable, prior approval of site Engineer shall be taken. If allowed proper straight through epoxy joint shall be made without any additional cost. A loop of one meter of each length of cable shall be left near each street light pole. Also a loop of one meter shall be provided on both ends of the cable. This additional length shall be used for fresh termination in future. Cable for this loop shall be paid for supply & laying.

19. **TERMINATION AND JOINTING OF CABLES:**

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

20. **EARTHING TO G.I. PIPE/ STRUCTURE/POLES & FIXTURE :**

1. Each fixture structure/wall and G.I. Pipe post shall be earthed by coil type earthing. 10 SWG G.I. wire coil (10 cms. Dia x 45 Cms. Length) shall be buried in specially prepared Earth pit of depth 1.5 Mtr. Necessary G.I. wire including
coil, salt (10 KGs. per pit) & Charcoal/ coke (10 Kgs. per pit) required for earthing, shall be supplied by the Contractor. The upper end of G.I. earthing wire shall be fixed on each pole and G.I. pipe post by means of 2 Nos. of 8 mm. dia. Brass bolts and nuts with washer as shown in drawing shall be made available with pole. There should not be any joint of G.I. earth wire, in between earthing terminal of pole and bottom end of coil.

2. The common earthing shall be done for two post – top luminaries installed on main gate of the switch yard for measurement recording. The quantity will be considered as ONE only and no extra payment will be made, for common earthing.

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

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

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

24. All materials shall be got approved from E.E./D.E. Construction, Rajkot before commence-ment of work. If there is any dispute regarding interpretation of specifications. The decision of E.E. Construction, Rajkot shall be final and binding to the contractor.

25. **RULES AND REGULATIONS:-**
    All works included in this specification shall confirm to the relevant Indian Standard Specification or the British Standard Specification and shall be governed by the I.E. Act Rules & Regulations in force. Due consideration will be given to any special suggestions put forward by the contractor which are calculated to enhance the general utility, efficiency and economy of the installation.
26. **COMPLETION OF CONTRACT:-**
Lighting installations shall be completed in every respect. The contractor shall not be eligible for any extra charges in respect of minor accessories even through they may not have specifically included in the contract document. Earthing of installation wherever required shall also be carried out as per the standard regulations. No extra charges shall be allowed on this account.

27. **TOOLS AND TACKLES:-**
All the tools & accessories shall be brought by the contractor and department does not bind itself to supply them.

28. **MATERIALS AND WORKMANSHIP:-**
All the materials shall be of the best quality as specified and so as to suit the tropical climate with humid atmospheric conditions. All fittings & fixtures should be got approved by the Ex. Engr. before installing the same. The Ex. Engr. Shall have to right to reject any of the materials if the same are found to be defective and/or inferior quality than those specified.

29. **SPECIFICATIONS:-**
The fitting will have to be supplied and the work will have to be carried as per specification attached herewith and the same should be got approved by the Executive Engineer, Rajkot.

30. **ERECTION, STORAGE, INSURANCE:-**
The successful contractor shall provide, at his own cost, the insurance cover for the materials, transit, storage, handling & erection. No payment will be made before any damage to the material or to the staff engaged by him in carrying out the work.

31. The offer shall be complete in all respect & shall include all materials, tools & appliances whether specified or not required for completing of the installation of yard lighting system.

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

**DATE:**
________________

Signature of Contractor. 
With rubber stamp. 

Superintending Engineer (TR.)
GETCO, C.O., JAMNAGAR.
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
TRANSMISSION CIRCLE, JAMNAGAR.

TERMS & CONDITIONS REGARDING INDUSTRIAL LAWS AND OTHER RELATED MATTERS

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

(A) The contractor shall pay minimum prevailing rates per day or as may be specified hereafter or rates fixed under the minimum wages Act. Whichever is higher? The wages or very contract labor employed by him under this contract shall be paid by him before the expiry of 7th day of the month in respective of which the wages are payable (i.e. wages of a month have to be paid by him in the first week of the next month). The payment shall be disbursed in the presence of management representative during the working hours in factory premises and the contractor shall get the entries certified in the register of wages by the representative of the GETCO. Any default will result in cancellation of contract forthwith or also the contractor shall be paid punishable to the extent of Rs.100/- fine per each day.

(B) The contractor shall give his telephone number and address to the GETCO so that in case of labor troubles etc. the contractor can be contacted. The contractor shall arrange to have his office outside the factory premises and the contractor shall keep himself present through out the working hours.

(2) Labor Laws :-

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

(3) Provident fund & Family pension Scheme :-
The contractor shall submit along with his bill (month wise) a statement regarding deduction against employees provident fund and family pension scheme in respective of each concerned employee, provident fund and family pension scheme at the rate at admissible ( or at the rate made applicable by the Government from time to time ) of the wages. The contractor’s contribution and his workers contribution towards provident fund and family pension scheme shall be deposited by the contractor with regional Provident Fund Commissioner, Ahmedabad.

(4) Deposit Linked Insurance Scheme :-
The contractor shall have to deposit ½ % of the wage in respect of employees who is a member of the Provident Fund as the contribution to the deposit.
Linked insurance Scheme with Regional Provident Fund Commissioner, Ahmedabad.

(5) Administrative Charges :-
Administrative charges for maintaining provident fund A/C shall be deposited by the contractor with Regional Provident Fund Commissioner, Ahmedabad at the rates applicable.

(6) Paid Leave Facility :-
Paid leave facility at the rate of one day for every twenty days worked by the contract 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 and approved/certified by the authorized officer of the GETCO.

(7) Workmen’s compensation fund & Employer’s Liability Insurance :-
The contractor shall cover all his employees under workmen’s compensation fund and under the liability insurance.

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

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

(10) Workmen’s compensation and employer’s liability insurance :-
Insurance shall be affected for the entire contractor’s employee engaged in the performance of this contract. If any of the work is subject the contractor shall require the sub-contractor to provide workmen’s compensation and employer’s liability insurance for the latter’s employees unless such employees are covered under the contractor’s insurance.

(11) The GETCO reserves the right to terminate this rate contract at any time during its tendency without giving notice of termination or any reasons thereof.
(12) The GETCO will be entitled to deduct directly from the bills, to be paid to the contractor any sum or payable by you and which sum/sums the GETCO is required to pay as principal employer on account of your default in respect of all liabilities referred to in above clauses.

(13) The contractor will be required to produced a solvency certificate for an amount as decided by Superintending Engineer and also to produce his Income-Tax clearance certificate.

Signature of Contractor
With rubber stamp.

Superintending Engineer (TR.)
GETCO, C.O., JAMNAGAR.
WORK & SAFETY REGULATIONS

1. The contractor shall ensure proper safety of all the workmen, materials, equipment & plant & belonging to him or to GETCO or to others, working at the site. The contractor shall also be responsible for provision of all safety notices and safety equipment required both by the relevant legislations and Engineer, as he may deem necessary.

2. All equipment used in TRANSMISSION and erection by contractor shall meet Indian/International Standards and where such standards do not exist, the contractor shall ensure these to be absolutely safe. All equipment shall be strictly operated and maintained by the contractor in accordance with manufacturer’s operation manual and safety instructions and as per guidelines/ rules of GETCO in this regard.

3. Periodical examinations and all tests for all lifting/ hoisting equipment & tackles shall be carried – out in accordance with the relevant provisions of Factories Act 1948, Indian Electricity Act 1910 and associated Laws/Rules in force from time to time. A register of such examinations and tests shall be properly maintained by the contractor and will be promptly produces as and when desired by Engineer or by the person authorized.

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

5. The contractor shall provide safe working conditions to all workmen and employees at the site including safe means of access, railings, stairs, ladders, scaffoldings etc. the scaffoldings shall be erected under the control and supervision of an experienced and competent person. The contractor only shall use good and standard quality of material.

6. The contractor shall not interfere or disturb electric fuses, wiring and other electrical equipment belonging to the owner / other contractors under any circumstances, whatsoever, unless expressly permitted in writing to handle such fuses, wiring or electrical equipment.

7. Before the contractor connects any electrical appliances to any plug or socket belonging to the other contractor or owner, he shall:
   1) Satisfy the Engineer that the appliance is in good working condition;
   2) Inform the Engineer of the max. current rating & voltage of the appliances;
   3) Obtain permission of the Engineer detailing the sockets to which the appliances may be connected.

8. The Engineer will not grant permission to connect until he is satisfied that;
   1) The appliance is in good condition and is fitted with suitable plug
   2) The appliance is fitted with a suitable cable having two earth conductors, ones of which shall be an earthed metal sheath surrounding the cores.

9. No electric cable in use by the contractor/ Owner will be disturbed without prior permission. No weight of any description will be imposed on any cable and no ladder or similar equipment will rest against or attached to it.

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

11. In case any accident occurs during the TRANSMISSION/ erection or other associated activities undertaken by the contractor thereby causing any minor or major fatal injury to his employees due to any reason, whatsoever, it shall be the responsibility of the contractor provide medical facility / treatment & to promptly inform the same to the Engineer in prescribed form and to also to all the authorities envisaged under the applicable laws.
12. The Engineer shall have the right at his sole discretion to stop the work, if in his opinion the work is being carried out in such a way that it may cause accidents and endanger the safety of the persons and/or property and/or equipment. In such cases, the contractor shall be informed in writing about the nature of hazards and possible injury/accident and he shall comply to remove shortcomings promptly. The contractor after stopping the specific work can, if felt necessary, appeal against the order of stoppage of work to the Engineer within 3 days of such stoppage of work and decision of the Engineer in this respect shall be conclusive and binding on the contractor.

13. The contractor shall not be entitled for any damages/compensation for stoppage of work due to safety reasons and the period of such stoppage of work will not be taken as an extension of time for completion of work and will not be the ground for waiver of levy of liquidated damages.

14. it is mandatory for the contractor to observe during the execution of the works, requirements of safety rules which would generally include but not limited to following:
   1) 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.
   2) No employee shall be given a new assignment of work unfamiliar to him without proper introduction as to the hazards incident thereto, both himself & his fellow employees.
   3) Employee must not leave naked fires unattended, smoking shall not be permitted around fire prone areas and adequate fire fighting equipment shall be provided at crucial location.
   4) There shall be a suitable arrangement at every work site for rendering prompt and sufficient first aid to the injured.
   5) Requirements of ventilation in underwater working to licensed and experienced divers, use of gumboots for working in slushy or in inundated conditions are essential requirements to be fulfilled.

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

1) Fatal injury or accident
   Causing death
   Rs. 1,00,000/- per person for death/ These are applicable

2) Major injuries or accident causing
   25% or more permanent disablement
   Per person
   Rs. 20,000/-
   To workmen or employees

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

16. The contractor will have to give Safety Cum indemnity bond to GETCO in prescribed format given hereunder.

Signature of Contractor
With rubber stamp.

Superintending Engineer (TR.)
GETCO, C.O., JAMNAGAR.
SCHEDULES

SCHEDULE-1

PROFORMA FOR CONTRACT AGREEMENT
(Non Judicial Stamp Paper of Rs. 100/-)

1. This Agreement is made at BARODA the __________ day of __________ in the Christian Year Two thousand ______ 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 390007 (hereinafter called “The GETCO” which expression shall unless excluded by or repugnant to the context include its successors or assigns) of the other part.

2. 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.

3. 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.

4. NOW THIS AGREEMENT WITNESSESS AND IT IS HEREBY AGREED AND DECLARED THAT.

5. 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 GETCO do 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.
6. The conditions and covenants stipulated here-in-before in this contract are subject to and without prejudice to the rights of the GETCO 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. ___________________________.

7. 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 ____/____/____
2. GETCO order No. Dtd. ___ / ___/ ____
3. Contractor’s acceptance of order vide letter No. _______________.
4. Contractor’s Partnership Deed dtd. ________________.
5. Contractor’s Power of Attorney / GETCO Resolution authorising person to sign on behalf of Firm.

8. In witness whereof the parties hereto 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. __________________
   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)

3) for and on behalf of Gujarat Energy Transmission Corporation Ltd Sardar Patel Vidyut Bhavan, Race Course, BARODA - 390 007.

In the presence of name, Full addressed and Signature:

(1) __________________________________________

(2) __________________________________________
SCHEDULE – 2

INDEMNITY BOND

(Non Judicial Stamp Paper of Rs. 100/-)

KNOW ALL MEN BY THESE PRESENTS that we, Messers ________________________________ (hereinafter called “the Contractor” which expression shall, where the context so admits, include their heirs, executors, administrators and legal representatives, successors and permitted assigns) are hereby held and firmly bind unto the Gujarat Energy Transmission Corporation Ltd (hereinafter called “the GETCO” which expression shall, where the context so admits, include its successors and assigns) to refund the full amount of materials supplied by the GETCO under the terms and conditions of A/T No. ___________________________ dated__________ against any loss damage or deterioration of whatsoever nature occurs to said materials supplied by the GETCO and which are in the custody of the contractor at their works site, on behalf of the GETCO, at ______________ (name of line) ______________ and / or if any of the said materials, when inspected by any officer authorized by the GETCO in this behalf, is found to be damaged, lost, deteriorated in quality or quantity, the contractor hereby agrees to bind himself to indemnity and at all times keep indemnified the GETCO against all loss, damage and deterioration to the any material supplied by the GETCO during his custody and shall pay in cash on demand from the GETCO within 30 days the market value of such materials which is lost, damaged or deteriorated in full to the GETCO and shall hereby authorise the GETCO to deduct the said sum from any sum due to the contractor or any sum which may at any time become due to the contractor under the above referred contract or any other contract entered into by the contractor with the GETCO.

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

AND WHEREAS the said materials shall at all times be open for inspection by any officer authorized by the GETCO. Now the conditions of the above written bond are such that the contractor shall pay the full amount forthwith to the GETCO in the event of loss, damage or deterioration or whatsoever except due to circumstances arising out of war in respect of the materials supplied by the GETCO and shall also hereby authorise the GETCO to fully and effectually indemnify and keep indemnified to the GETCO against such loss, damage and deterioration.

The contractor shall keep the said materials open at all times for inspection by the officers authorised by the GETCO and produce at anytime when demanded.
THE WITNESS WHEREOF: We the
Said M/S ______________________
________________________________
(Signature of contractor)
(Seal of Firm)
hereto signed at _________________
this day _________________
In the presence of
1. _________ Name _______________
____________address ______________ (Signature)
2. _________ Name _______________
____________address ______________ (Signature)
SCHEDULE-3

SAFETY CUM INDEMNITY BOND
(Non-judicial Stamp paper of value not less than Rs. 100.00)

KNOW ALL MEN BY THESE PRESENTS that we, ______________ by this SAFETY CUM INDEMNITY BOND Executed on this ____________ Day of _________ 2013. 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 favour of the Gujarat Energy Transmission Corporation Limited (GETCO), Vadodara a State Transmission Utility under The Electricity Act, 2003 having its registered office at Sardar Patel Vidyut Bhavan, Race course, Vadodara,( hereinafter called as GETCO, which expression shall mean and include its legal representative, administrators assigns) has agreed under the terms and conditions of the contract no.______ dated_______made between __________ and ___________ for the contract of the ____________ value of Rs. ______________ interalia on production of Safety Cum Indemnity Bond.

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

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

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

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

Further we the CONTRACTOR agree that the GETCO shall be sole judge of and as to whether there has been any breach of the guidelines as per Annexure-A of this bond and as to the extent of the loss, damages, costs, charges and expenses caused to or suffered by the GETCO.
We the CONTRACTOR further agree that our liability under this bond shall not be discharged because of the change in the constitution of the GETCO or for the extension of the time limit or for any other reason.

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

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

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

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

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

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

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

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Amount of Contract in Rs.</th>
<th>Penalty amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Up to 1 Lac</td>
<td>Rs.5000/-</td>
</tr>
<tr>
<td>2</td>
<td>Above 1 Lac to 10 Lacs</td>
<td>Rs.40,000/-</td>
</tr>
<tr>
<td>3</td>
<td>10 to - 100 Lacs</td>
<td>Rs.1,00,000/-</td>
</tr>
<tr>
<td>4</td>
<td>&gt; 100 Lacs</td>
<td>1.0 % of contract value</td>
</tr>
</tbody>
</table>
g. I/We the CONTRACTOR hereby confirm that in case of any dispute/difference for settlement of claims under this Safety Cum Indemnity bond the courts in Gujarat State wherever job/work is performed or as per GETCO norms shall have the jurisdiction to decide the rights & liabilities of the parties while adjudicating the matter of claims under this Safety Cum Indemnity Bond.

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

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

----------------------------------
(Signature with seal of The CONTRACTOR)
In the presence of:
1.
2.
ANNEXURE-A
OUR ENDEVOUR - Safety a habit

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

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

### Indoor safety precaution

| 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, contractor”s supervisor for risk assessment.
  - Clearly identify the work location, to distinguish between the equipment that is dead and other equipment / part that may be live.
  - Disconnect the equipment from supply.
  - Protect against other live parts.
  - Take special precautions when close to the bare conductors/bus bar

### Outdoor safety precaution

| 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, contractor”s supervisor and DISCOM line man in order to identify the following.
  a. HT/LT line or tap line crossing under each span of line of the work.
  b. Isolation point of each line crossing.
  c. Each line crossing & isolation point under each span must be discussed and noted in maintenance register with sketch

### Following safety guidelines are mandatory for all contractors operating in GETCO premises for Electrical, non-electrical & civil works.

1. The contractors must provide advance planning of work to concerned in-charge of substation in writing.
2. Before starting any work whether switch yard, “permit to allow to work” must be taken from control room in-charge.
3. Utilizing Electrical / non-electrical equipments, safety rules must be implemented.
4. If the work is to be carried out on Sunday or public holiday, the necessary permission must be taken in advance, requesting in writing.
5. Unwanted person including children of labours will not be allowed at working site/ in the switchyard and in the prohibited area.
6. Any electrical work or electrical connections to equipment for any other work must be carried out by certified Contractor’s supervisor and GETCO Supervisor must ensure all isolations physically with adequate earthing technically prior to give clearance to gang leader for taking up job.

While execution of stringing work, the identified line crossing must be isolated / de-energized and written clearance should be obtained from concerned DISCOM supervisor.

The isolation of Tap line must be physically seen and verified by Contractor and GETCO supervisor.

At D.O. fuse junction contractors person should be posted to ensure that no person restore D.O. supply while work is under execution

Contractor’s supervisor must ensure that
<table>
<thead>
<tr>
<th>Electrician/wiremen with adequate size of wire through MCB as per I.E. Rule.</th>
<th>Concern officer take LCP for EHV line and power line crossing.</th>
</tr>
</thead>
</table>
| - Live penal area / bus bar must be isolated and sealed / bifurcated with red colour tape for visible warning.  
- Display Board must hang on LCP panel.  
- Transformer must be switched off whenever and wherever contractor and line workers are not satisfied with isolation, earthing or any equipment performance of GETCO, it will be pointed out and work shall begin only after resolution. Contractor shall not take up job in absence of GETCO authorized person. All wire temporary connection & material whenever erection activity has any connection and disconnection work of bus bar, string bus. | All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, etc, duly approved by GETCO. |
| All workers / labour of contractor & supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, 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. | Transmission line activities.  
1) Used of Voltage detector to ensure outage.  
2) Earthing at three point, local, left & right side of bus bar / string bus.  
3) Match line colour code with colour of wrist band. |
| 11 kV breaker in panel must be switched off and racked out only after ensuring no voltage in breaker and without door opening. | Local earthing of electrical equipments like filter M/c, welding machine, testing kits etc. is must.  
Crane shall only be used for material handling and erection. Working platform shall only be used for work in switchyard. |
| 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. |
E.M D Bank GUARANTEE FORMAT

FOR Tender No: ____________________________________ 

B.G No: _________________________ Issued on Dated: _______________________

Where As M/s ______________________________________ (Name & address of the firm) having their registered office at ________________________________________________ (Address of the firms registered office) (Herein after called the Tenderer) Wish to participate in the tender no. ____________________________________________________________ for (Supply/erection/supply & erection work)(Name of material/equipment /Work)/ for __________ Gujarat Energy Transmission Corporation Ltd and Where as a Bank Guarantee for ( Herein after called the “Beneficiary”) Rs__________ (Amount of EMD) valid till _______(Mention here date of validity of this guarantee which will be 4 (four) months beyond initial validity of tender’s offer) which is required to be submitted by the tenderer along with the tender.

We__________ (Name of the bank and address of the branch giving the bank guarantee) having our registered office at ____________________ (Address of Bank’s registered office) hereby agree unequivocally and unconditionally to pay immediately on demand in writing from the Gijarat NErgy Transmission Corporation Ltd or any officer authorized by it in this behalf any amount not exceeding Rs ________________ (Amount of EMD), (Rupees__________) (in words) to the said Gujarat Energy Transmission Corporation Ltd on behalf of the tenderer.

We___________________(Name of the bank) also agree to that withdrawal of the tender or part thereof by tenderer within its validity or Non submission of security deposit by the tenderer within one month from the date of tender or a part thereof has been accepted by the Gujarat Energy Transmission Corporation Ltd would constitute a default on the part of tenderer and that this bank guarantee is liable to be invoked and encashed within its validity by the beneficiary in case of any occurrence of a default on the part of the tenderer and that the encashed amount is liable to be forfeited by the beneficiary.

This agreement shall be valid and binding on this bank up to and inclusive of ______________(mention here the date of validity of guarantee) and shall not be terminable by notice or by Guarantor change in the constitution of the bank or the firm of tenderer or by any reason whatsoever and our liability here under shall not be impaired or discharged by any extension of time or variations or alternations made given conceded or without knowledge or consent by or between the tenderer and the GETCO.
“Not withstanding 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 GETCO). Notice or invocation by any person such as assignee transferee or agent of beneficiary shall be entertained by the Bank. Any invocation of the guarantee can be made only by the beneficiary directly”

Notwithstanding anything contained here in before our liability under this guarantee is restricted to Rs ____________ (Amt of E.M.D) (Rupees _______________) (in words). Our guarantee till remain in force till _______________ (Date of validity of the guarantee), all rights of beneficiary under this bank guarantee shall be forfeited and we shall be released and discharged from all liabilities there under.

Place:

Date:

Please mention here complete postal address Of the bank with branch code telephone & fax Nos

Signature of the Bank’s Authorize signatory with Official round seal

NAME OF DESIGNATED BANKS:

1. All Nationalized banks including public sector banks IDBI Banks Ltd.
2. Private Sector Banks authorized by RBI to undertake the state government business which are (I) Axis Bank (II) ICICI Bank (III) HDFC Bank

Note: The Banks shall be the Banks recognized/notified by the finance department government of Gujarat(GoG) from time to time.
ON STAMP PAPER OF Rs 100/-

FORM OF BANKER’S UNDERTAKING

[For performance guarantee (PG) for supply period As per commercial terms and condition of tender]

Bank Guarantee No. _______________________ Issued on dated: ________________________

We Bank of ________________________________(Name & Address of issuing bank) here by agree unequivocally and unconditionally to pay immediately on demand writing from the Gujarat Energy Transmission Corporation Ltd. or any office authorized by it in this behalf any amount up to and not exceeding Rs _____________________ (in words) Rupees _______________________ to the said Gujarat Energy Transmission Corporation Ltd. on behalf of M/s ____________________________ who have entered into a contract for the supply/works specified below

A/T No. ________________________________ Dated __________________

This agreement shall be valid and binding on this bank up to and inclusive of __________ and shall not be terminable by notice or by change in the constitution of the Bank or firm of contractor s/suppliers or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by extension of time or variations or alteration made, given conceded or agreed, with or without our knowledge or consent, by or between parties to the said within written contract.

“Not withstanding 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 GETCO). Notice or invocation by any person such as assignee transferee or agent of beneficiary shall be entertained by the Bank. Any invocation of the guarantee can be made only by the beneficiary directly”

Notwithstanding anything contained herein before our liability under this guarantee is restricted to Rs _____________ (Rupees _______________ only) Our guarantee shall remain in force until ________________ (Date of validity of the guarantee). Unless demands or claims under this bank guarantee are made to us in writing on or before ______ (Date of Validity of the guarantee), all rights of beneficiary under this bank guarantee shall be forfeited and we shall be released and discharged from all liabilities there under.
Place:

Date:

Please mention here complete postal address Of the bank with branch code telephone & fax Nos

Signature of the Bank’s Authorize signatory with Official round seal

NAME OF DESIGNATED BANKS:
1. All Nationalized banks including public sector banks IDBI Banks Ltd.
2. Private Sector Banks authorized by RBI to undertake the state government business which are (I) Axis Bank (II) ICICI Bank (III) HDFC Bank

Note: The Banks shall be the Banks recognized /notified by the finance department government of Gujarat (GoG) from time to time.

PARTY TO TAKE NOTE PLEASE BEFORE SUBMITTING THEIR BANK GUARANTEES
1. A/T no. and date to be written on every page, of Bank Guarantee & its Extension.
2. If B/G amount is more than Rs.50,000/-, kindly take sign of two bank officer with their respective Employee code no.
3. Valid Confirmation letter of the concerned Bank in an approved format should be attached with every Bank Guarantee & its Extension.
4. Stamp paper should be valid & recent one and date of issuing of stamp paper should not be beyond six months, in any case.
5. Round seal and signature of two Bank officers should be affixed on every B/G paper.
ON STAMP PAPER OF Rs 100/-

FORM OF BANKER’S UNDERTAKING

[For performance guarantee (PG) for warrante period As per commercial terms and condition of tender]

Bank Guarantee No. _____________________ Issued on dated: _____________________

We, Bank of ________________________________(Name & Address of issuing bank) here by agree unequivocally and unconditionally to pay immediately on demand writing from the Gujarat Energy Transmission Corporation Ltd. or any office authorized by it in this behalf any amount up to and not exceeding Rs _______________________ (in words) Rupees ___________________________ to the said Gujarat Energy Transmission Corporation Ltd. on behalf of M/s ________________________________ who have entered into a contract for the supply/works specified below

A/T No. __________________________________ Dated __________________

No

This agreement shall be valid and binding on this bank up to and inclusive of ____________ and shall not be terminable by notice or by change in the constitution of the Bank or firm of contractor/s/suppliers or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by extension of time or variations or alteration made, given conceded or agreed, with or without our knowledge or consent, by or between parties to the said within written contract.

“Not withstanding 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 GETCO). Notice or invocation by any person such as assignee transferee or agent of beneficiary shall be entertained by the Bank. Any invocation of the guarantee can be made only by the beneficiary directly”

Notwithstanding anything contained herein before our liability under this guarantee is restricted to Rs ___________ (Rupees _______________ only) Our guarantee shall remain in force until ________________(Date of validity of the guarantee). Unless demands or claims under this bank guarantee are made to us in writing on or before ______(Date of Validity of the guarantee), all rights of beneficiary under this bank guarantee shall be forfeited and we shall be released and discharged from all liabilities there under.
Place:

Date:

Please mention here complete postal address Of the bank with branch code telephone & fax Nos

Signature of the Bank’s Authorize signatory with Official round seal

NAME OF DESIGNATED BANKS:

1. All Nationalized banks including public sector banks IDBI Banks Ltd.
2. Private Sector Banks authorized by RBI to undertake the state government business which are (I) Axis Bank (II) ICICI Bank (III) HDFC Bank

Note: The Banks shall be the Banks recognized /notified by the finance department government of Gujarat (GoG) from time to time.

PARTY TO TAKE NOTE PLEASE BEFORE SUBMITTING THEIR BANK GUARANTEES

1. A/T no. and date to be written on every page, of Bank Guarantee & its Extension.

2. If B/G amount is more than Rs.50,000/- , kindly take sign of two bank officer with their respective Employee code no.

3. Valid Confirmation letter of the concerned Bank in an approved format should be attached with every Bank Guarantee & its Extension.

4. Stamp paper should be valid & recent one and date of issuing of stamp paper should not be beyond six months, in any case.

5. Round seal and signature of two Bank officers should be affixed on every B/G paper.
SCHEDULE – 3

ON RECENT STAMP PAPER OF Rs.100/= 

To,
SUPERINTEDNING ENGINEER(TR)

B/G No.____________

Gujarat Energy Transmission Corpn. Ltd.,  Issuing date :
INDIRA GANDHI MARG,  Expiry date :
SAT RASTA, JAMNAGAR. 3610005  Amount :

BANK GUARANTEE
( For Execution of Contract & Performance Guarantee)

We, ____________________________(name of the Bank and address of the branch giving the Bank Guarantee), having our registered office at________________________________________(Regd. Office of Bank) hereby agree unequivocally and unconditionally to pay within 48 hours on demand in writing from the Gujarat Energy Transmission Corporation Ltd., or any Officer authorized by it in this behalf any amount up to and not exceeding Rs.________only (amount in words) Rs.________________only to the said Gujarat Energy Transmission Corporation Ltd., on behalf of M/s.___________________________(name and address of the firm), who have entered into a contract for the supply/works specified below :

A/T No.__________________________________________dated_______

This agreement shall be valid and binding on this Bank up to and inclusive of ________________________(mention here the date of validity of Bank Guarantee) and shall not be terminable by notice or by change in the constitution of the Bank or the firm of Suppliers or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variation or alteration made, given, conceded or agreed, with or without our knowledge or consent, by or between parties to the said within written contract.

NOTWITHSTANDING any thing contained herein :

i) Our liability under this Bank Guarantee shall not exceed Rs.______________only. (Rs. ____________ in words)
ii) This Bank Guarantee shall be valid upto dt.______________ (date of expiry)

Place :

Date :

Round seal & Signature of Bank Officer
PARTY TO TAKE NOTE PLEASE BEFORE SUBMITTING THEIR BANK GUARANTEES

1. A/T no. and date to be written on every page, of Bank Guarantee & its Extension.

2. If B/G amount is more than Rs.50,000/-, kindly take sign of two bank officer with their respective Employee code no.

3. Valid Confirmation letter of the concerned Bank in an approved format should be attached with every Bank Guarantee & its Extension.

4. Stamp paper should be valid & recent one and date of issuing of stamp paper should not be beyond six months, in any case.

5. Round seal and signature of two Bank officers should be affixed on every B/G paper.
SCHEDULE – 4

BANK GUARANTEE EXTENSION FORMAT
(To be executed on non-judicial stamp paper of Rs.20/-)

(Name and address of the Bank issuing the Bank Guarantee extension.)

Place:         Date:

EXTENSION OF BANK GUARANTEE NO.____________________
dtd.__________ of   Rs.________________________.

The validity period of our subject Bank Guarantee issued in your favor on behalf of M/s.______________________________________ is hereby extended up to ________________.

Not withstanding anything mentioned herein before, our liability under this guarantee is restricted to an amount not exceeding Rs.________________________ (Rupees________________________ only) and it will remain in force till ______ (validity date)_________.

All other terms and conditions mentioned in the original Bank Guarantee will remain unaltered. This extension forms an integral part of the above quoted original Bank Guarantee and may be kept thereto.

Place :

Date : Seal of Bank Signature of authorized Authority of Bank
SCHEDULE – 5

DETAILS OF REPRESENTATIVE
Details of Human Resources available with the bidder for the successful performance of contract.

Name of the Bidder: _______________________________________

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Designation</th>
<th>Name</th>
<th>Qualification</th>
<th>Professional experience &amp; details of work carried out</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project Manager</td>
<td></td>
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</tr>
<tr>
<td>2</td>
<td>Engineer-in-Charge of site work.</td>
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<tr>
<td>3</td>
<td>Site Engineer</td>
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<tr>
<td>4</td>
<td>Number of Skilled Employees</td>
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<td>5</td>
<td>Number of unskilled Employees</td>
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</tr>
</tbody>
</table>

Signature of Authorized Representative

Company/Agency

NAME: ___________________

STATUS: ___________________

Name of tendering Company
SCHEDULE – 6

Details of plant and equipment available on hand with the bidder for use on this work.

Name of the bidder: ________________________________

<table>
<thead>
<tr>
<th></th>
<th>Name of Equipment</th>
<th>No. of Units</th>
<th>Kind &amp; make</th>
<th>Capacity</th>
<th>Year of Mfg. &amp; Condition</th>
<th>Present Location</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>7</td>
<td></td>
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<tr>
<td>8</td>
<td></td>
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</tr>
</tbody>
</table>

Signature of Authorized Representative Company/Agency

NAME: ________________________

STATUS: ______________________

Name of tendering Company
## FINANCIAL CAPABILITY

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Details</th>
<th>Amount Rs.in lacs</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Solvency</td>
<td>3</td>
<td>A scheduled Banker’s Certificate of present solvency is attached.</td>
</tr>
<tr>
<td>2</td>
<td>Annual turnover for last five years.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Price of the single biggest job carried out.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Authorized Representative Company/Agency

NAME:___________________

STATUS:___________________

Name of tendering Company
SCHEDULE – 8

DETAILS OF PARTNERS / DIRECTORS WITH THEIR ADDRESS

Name of bidder: ___________________________________

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Designation</th>
<th>Name</th>
<th>Residence (address &amp; Phone)</th>
<th>Working Place (address &amp; Phone)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Authorised Representative Company/Agency

NAME: __________________________

STATUS: __________________________

Name of tendering Company
KNOW ALL MEN BY THESE PRESENTS THAT WE the partners whose details are given hereunder:

1. M/s [Name of company] (A company incorporated in the companies Act 1956// A Partnership Firm registered under the Indian Partnership Act 1932/ Proprietary ship concern solely owned, controlled and managed by etc.) having its registered office at [Complete address]
2. – do -
3. – do -

We, the above said parties through this power of attorney mutually agrees to hereby constitute, nominate and appoint M/s[Name of leader] a company [Name of leader] (Name of leader) of and having its registered /Head office at, as our duly constituted lawful attorney (herein after called “attorney or “authorized Representative or partner In charge or Leader of consortium/Joint venture) to exercise all or any ot the powers for and on behalf of the constortium/joint venture company members in regards to specification No: the bids for which have been invited by Gujarat Energy Transmission Corporation Ltd(herein after referred to as GETCO or the corporation”)

i) To submit proposal and participate in the aforesaid bid specification of the GETCO on behalf the “Consortium Members”.

ii) To negotiate with the Purchaser the terms and conditions for award of the Contract pursuant to the aforesaid Bid and to sign the Contract with the GETCO for and on behalf of the “Consortium Members”.

iii) To do any other act or submit any document related to the above.

iv) To receive, accept and execute the contract for and on behalf of the “Consortium Members”.

v) In the event of an order placed on M/s. The work shall be executed by all the members as per Bidding Documents and as per the schedule hereunder:
The work of the line to be executed by the Consortium Members will be directly executed by the individual members to the GETCO and payments will also be made by the GETCO directly against individual invoices raised by them. The GETCO will make payment directly to the concerned consortium member.

vi) The GETCO may place only one order on the Leader of Consortium incorporating the names of all the Consortium Members and schedule of completion against each member. We confirm that commitments made and liabilities incurred by the Leader shall be binding on all the Consortium Members and all of us shall be jointly and severally responsible for the faithful execution of the contract and discharge the liabilities jointly and severally.

vii) In the event of award of contract, we the Consortium members shall be liable jointly and severally for the execution of the contract in accordance with the contract terms and in accordance with specifications and within the schedule time.

viii) The leader of Consortium is hereby authorized to incur liabilities and receive instructions for and on behalf of any and all the consortium members and entire execution of the contract.

ix) In the event of any default in executing contract, that is in execution of work in accordance with specifications and within the schedule time by any Member/Members of Consortium, the remaining other members shall accept the liability and execute the contract in full as provided in Clause vii of this agreement.

x) We all the members of the consortium agree and undertake that in the event of any change in the Consortium of any Consortium Member the rights and obligations of the Consortium shall continue to be in full force without any effect thereof.

xi) We, all the members of consortium undertake, that we shall not cancel or amend this agreement unilaterally and without the consent of Gujarat Energy
Transmission Corporation Limited and such consent will be obtained in writing. We also undertake that this agreement will be duly registered in any Registrar’s office located in.

It is already understood that the Partner in charge (Leader) shall ensure performance of the Contract(s) and if one or more Partner (Member) fail to perform their respective portions of the Contract(s) the same shall be deemed to be a default by all the Members.

It is expressly understood that this Agreement shall remain valid binding and irrevocable till completion of the Warranty period in terms of the Contract.

All the parties/members of above said Joint venture members do hereby agree and undertake to ratify and confirm all the whatsoever the said Attorney/Authorized Representative Leader quotes in the bid, negotiates and signs the Contract with the Purchaser and or proposes to act on behalf of the Consortium Members by virtue of this Power of Attorney/Agreement and the same shall bind the Consortium Members as if done by itself.

IN WITNESS THEREOF the Members constituting the Consortium as aforesaid have executed these presents on this day of under the Common Seal(s) of their companies.

For and on behalf of the Members of Consortium/Joint Ventures.

_____________________

Attorney holder/Leader party
(Signed, Seal by the company)

1) Signature, name designation & Seal of each company/parties
2)----------------do----------------
3)----------------do----------------

Signed and seal in the presence of witness

1. Signature ...........................................
   Name .............................................
   Designation .................................
   Occupation .................................

2. Signature ........................................
   Name .............................................
   Designation .................................
   Occupation .................................
**Note: To be signed by authorized person on behalf of the Firm.**

**SCHEDULE - 10**

**DETAILS OF THE FIRM**

<table>
<thead>
<tr>
<th>NAME OF THE FIRM:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Address of Registered Office</td>
<td></td>
</tr>
<tr>
<td>Contact Personal</td>
<td></td>
</tr>
<tr>
<td>Designation</td>
<td></td>
</tr>
<tr>
<td>Residential Address</td>
<td></td>
</tr>
<tr>
<td>Phone Nos. (Office and Residential)</td>
<td></td>
</tr>
<tr>
<td>Fax No.</td>
<td></td>
</tr>
<tr>
<td>Telegraphic code</td>
<td></td>
</tr>
<tr>
<td>Address of works</td>
<td></td>
</tr>
<tr>
<td>Contact Personal</td>
<td></td>
</tr>
<tr>
<td>Designation</td>
<td></td>
</tr>
<tr>
<td>Residential Address</td>
<td></td>
</tr>
<tr>
<td>Phone Nos. (Office and Residential)</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>Fax No.</td>
<td></td>
</tr>
<tr>
<td>Telegraphic code</td>
<td></td>
</tr>
</tbody>
</table>
GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

TRANSMISSION CIRCLE

JAMNAGAR

TENDER [WEB]


PARTY’S NAME:— ______________________________

- PRICE BID
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Amount</th>
<th>Total Estimated Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Dismantling of 220/132KV Breaker of any type / make with required all spares &amp; accessories as per supplier manual and FQP including individual &amp; interpole wiring of 132KV class switchyard (as per respective technical specifications &amp; relevant special conditions) suitable for all type of bus configurations. Scope includes the dragging / loading / unloading of same from site store to erection site.</strong></td>
<td>3</td>
<td>Set of 3 pole</td>
<td>8731</td>
<td>26193.00</td>
</tr>
<tr>
<td>2</td>
<td><strong>Erection of 220/132KV Breaker of any type/make with required all spares &amp; accessories as per supplier’s manual and FQP, including individual &amp; &amp; interpole wiring of 132KV class switchyard (as per respective technical specifications &amp; relevant special conditions) suitable for all type of bus configurations. Scope includes the dragging / loading / unloading of same from site store to erection site.</strong></td>
<td>3</td>
<td>Set of 3 pole</td>
<td>17463.60</td>
<td>52390.80</td>
</tr>
<tr>
<td>3</td>
<td><strong>Preparing and fixing of required length of jumpers of Single MOOSE/ZEBRA/ PANTHER in the switchyard on respective Bus &amp; equipments, tensioning &amp; dressing of jumpers complete as per instruction of Engineer in charge.</strong></td>
<td>150</td>
<td>Rmt./Ph</td>
<td>17.46</td>
<td>2619.00</td>
</tr>
<tr>
<td>4</td>
<td><strong>Installation of 50X6 mm G.I. earthing strips as shown below including digging of 600 mm depth and 450 mm wide trench/fixing on structure as per attached drawing including fixing arrangement with two bolt arrangement, jointing with nut-bolts and lap welding and applying zinc rich paint on added</strong></td>
<td>150</td>
<td>Mtr</td>
<td>45.00</td>
<td>6750.00</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>QTY</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----</td>
<td>------</td>
<td>-------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>joints including supply of GI nuts &amp; bolts as per specification.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Providing and fixing of “B” Class G.I. pipes of following size for cable</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>protection including fixing with the structures. Including required “L” &amp;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>“T” band, coupling including required fabrication. (weight of pipe-25kg/meter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(a) 40mm dia</td>
<td>101</td>
<td>Mtr</td>
<td>267.75</td>
<td>27042.75</td>
</tr>
<tr>
<td></td>
<td>(b) 50mm dia</td>
<td>51</td>
<td>Mtr</td>
<td>299.25</td>
<td>15261.75</td>
</tr>
<tr>
<td>6</td>
<td>Termination of control cable at Panel / M.K. / Equipments including supply</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>of required size of brass cable glands, lugs, ferrules, PVC Binding Tape,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buttons etc. for up to 7 core control cable</td>
<td>24</td>
<td>End</td>
<td>210.00</td>
<td>5040.00</td>
</tr>
<tr>
<td>7</td>
<td>Termination of control cable at Panel / M.K. / Equipments including supply</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>of required size of brass cable glands, lugs, ferrules, PVC Binding Tape,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Buttons etc. for above 7 core control cable</td>
<td>40</td>
<td>End</td>
<td>367.50</td>
<td>14700.00</td>
</tr>
<tr>
<td>8</td>
<td>Preparing schedule of wiring breaker for related equipments in triplicate.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Necessary drawing will be provided by the GETCO. Schedule should be approved</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>by EE or DE in charge.</td>
<td>3</td>
<td>Breaker</td>
<td>2100.00</td>
<td>6300.00</td>
</tr>
</tbody>
</table>

Sub Total Rs. 156297.30
Service Tax@12.36% 21881.62
Total Rs. 1,78,178.92

Rs One lakh seventy eight thousand one hundred seventy eight and ninety two paisa only.

SUPERINTENDING ENGINEER (TR)
GETCO, JAMNAGAR