GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

TRANSMISSION CIRCLE

Navsari

TENDER SPECIFICATION

FOR

Name of Work:- Tender for the Supply, Erection & commissioning of 11kv Adaptor panel for 11kv Bus-coupler panel at various s/s under Navsari transmission circle

Estimated Cost – Rs. 497500

Tender fee – Rs. 500.00

EMD – Rs. 4980.00

Time limit- Two Months

TECHNICAL BID
Name of work:- Tender for Supply, Erection & commissioning of 11kv Adaptor
panel for 11kv Bus-coupler panel at various s/s under Navsari transmission circle

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Technical Bid
INVITATION OF TENDER NOTICE NO.TCNS/AC-07 /2016 Dt.04.03.2016

Sealed percentage rate tenders are invited in two separate sealed covers Super scribed technical bid and price bid for “Tender for the Supply, Erection & commissioning of 11kv Adaptor panel for 11kv Bus-coupler panel at various s/s under Navsari transmission circle” from Registered Contractors in appropriate class with GETCO/Central/State Government / Railway/Semi. Govt. and who has executed similar nature of work and magnitude successfully. Tenderer should download the tender documents from this Website and submit the same as per instructions therein only by RPAD/Speed post.

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<tr>
<th>Sr. No</th>
<th>Name of work</th>
<th>Estimated cost</th>
<th>Time limit</th>
<th>Tender fee</th>
<th>EMD Rs</th>
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<tbody>
<tr>
<td>TCNS/05/2016</td>
<td>Tender for the Supply, Erection &amp; commissioning of 11kV Adaptor panel for 11kV Bus-coupler panel at various s/s under Navsari transmission circle</td>
<td>497500.00</td>
<td>Two Months</td>
<td>500.00</td>
<td>4980.00</td>
</tr>
</tbody>
</table>

1) Last date of issue of tender:- **11.03.2016** (During working Hrs up to 15:00 Hrs)

2) Last date of submission of tender **11.03.2016** (Technical and Price bids): (Only by RPAD / Speed post) (During working Hrs. up to 14.00 Hrs.

3) Due date of opening of Tech. bid: **11.03.2016** (at 15.00 Hrs. If possible)

4) Validity of tender: 180 Days from the date of opening of Technical Bid.

No tender shall be accepted / opened in case of receipt after due date and time of tender, irrespective of delay due to postal services or any other reasons and the Corporation shall not assume any responsibility for late receipt of tender.

The tenders are to be submitted by the intending bidders in single envelop with two separate sealed and super scribed envelopes as listed below:

- Envelope No.2: Price Bid.

Technical and post qualification bid details specification (envelope No.1) will be opened first and subject to evaluation based on the qualification criteria contained in the individual bid document. Price bids (Envelope No.2) of bidders who are assessed and declared as substantially technically responsive on evaluation of the technical bid will be opened for further commercial evaluation.

The Earnest Money Deposit and tender fee will be accepted by Demand Draft on any Nationalized Bank only situated at “NAVSARI”, drawn in favor of “GUJARAT ENERGY TRANSMISSION CORPORATION LTD.” Tender without EMD and tender fee shall be rejected.

Two separate demand draft for Tender fee and EMD should be submitted with technical bid. The GETCO reserves the rights to reject any or all tenders or accept any tender without assigning any reason thereof.

Superintending Engineer (TR),
GETCO, Navsari
Parties have to submit following documents with Technical Bid.

i) Certificate of Registration as “Approved Vender” with GETCO (erstwhile GEB) OR Certificate of Authorized dealer of approved manufacturers along with certificate of registration of the original manufacturer with GETCO.
ii) Labour License.
iv) PF Code No. with copy of last challan.
v) Tin No. / Vat No.
vi) Solvency certificate of any Scheduled Bank worth Rs. 20% valid up to the contract period. (Latest Period)
vii) Service Tax No.

viii) Experience certificate with work completion certificate as per qualifying criteria.
x) Power of attorney

x) Income Tax Clearance Certificate. / Pan No.

xi) Welfare cess Registration: Registration of the contractor site under “The building & other construction worker’s welfare cess Act 1996

**Note to Bidders:** The Tenders duly filled-in are to be submitted in three separate sealed covers.

- Cover 1 : EMD Cover subscribed with the Name of work
- Cover 2 : Technical Bid subscribed with the Name of work
- Cover 3 : Price Bid (compete tender) subscribed with the Name of work

i) No tenders will be considered received without EMD.

ii) Bidders qualifying in Technical Bid only will be considered for Price Bid opening.

Superintending Engineer (TR),
GETCO, Navsari.
23.0 Sealing and marking of bids:

23.1 Cover-I
1. Bid No.
2. Due date for opening
3. Reference of tender fee & earnest money deposit

Cover-II
1. Bid No.
2. Due date for opening.

Cover-III
1. Bid No.
2. Due date for opening
3. Price Bid.

Cover-I, Cover-II & Cover-III shall be individually sealed and super scribed as indicated above and should be enclosed in the main cover duly sealed and super scribed as Tender for ........................................ against Bid No.................. due on................ containing Cover-I, Cover-II, Cover-III of this tender.

The original Bid and accompanying documents clearly marked “Original” plus one copy for Cover I, II & III and four copies for Cover IV shall be submitted by the Bidder at the date, time and place specified. In the event of any discrepancy between the original and the copies, the original shall govern.

The Bid shall be submitted by RPAD or through speed post services at the Office of the Superintending Engineer, GETCO NAVSARI., Bids submitted should be posted with due allowance for any postal delay. The Bids received after the Due Date and Time of opening are liable to be rejected. Telegraphic/Telex/Fax/e-mail Bids shall not be entertained.

23.2 The Bidders shall seal the original and each copy of the bid in an inner and an outer envelope, duly marking the envelopes as “original” and “copy”.

23.3 a. Addressed to the Owner at the following address:

The Superintending Engineer
GETCO, Circle Office,
NH -8, Grid, Kabilpore.
Navsari. 396424

b. Bear the name of package bid enquiry number, name of the work and the words. “DO NOT OPEN BEFORE.....................

23.4 The inner envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late” or “rejected”.

23.5 If the outer envelope is not sealed and marked as required by Para 23.2 the Owner will assume no responsibility for the bid’s misplacement or premature opening.

23.6 The Bid Security conditions must be submitted in a separate sealed envelope.

Date:                          Superintending Engineer (TR)
(Signature of Contractor)        GETCO, C.O., NAVSARI
Address:
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<th>Name of the Firm</th>
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<td>Contact personnel</td>
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### Annexure-II

**Details of experience in last two years from the due date of tender**

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Name of s/s</th>
<th>Order reference no. &amp; Date</th>
<th>Order value</th>
<th>Nos. of substations/feeder bays</th>
<th>Due date of completion</th>
<th>Date of completion</th>
<th>Order fully executed Yes/No</th>
<th>Status if order under execution</th>
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### Annexure-III

**List of work completion certificate submitted with technical bid**

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Name of work</th>
<th>Name of the authority by whom the work completion certificate issued</th>
<th>Reference No. &amp; Date</th>
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Technical Qualification requirement

(List of documents to be submitted with technical Bid)

The bidder should satisfy following minimum technical requirements:

1. The bidder shall be registered contractor of GETCO.
2. The bidder should have completed at least 08 (Eight) no. of 11 kV adapter panel erection & commissioning work satisfactorily during last 3 year (from date of technical bid opening). The bidder should submit necessary work completion certificate along with the technical bid. The bidder should submit necessary work completion certificate along with the technical bid.
3. Electrical contractor’s license with latest validation.

Note: Above technical criteria is for technical scrutiny after opening the technical bid. However the GETCO reserves the right to award the work to one or more bidders, considering their technical and financial capacity OR to reject any or all tenders or accept any tender without assigning any reason thereof.

Financial Qualification requirement:

1. Payment of Tender fee and EMD
2. VAT and Service Tax Registration No. date / issuing authority.
3. Details of Partners/Directors of the Firm/Company. Partnership deed if applicable.
4. Copy of power of attorney as the case may be.
5. PF registration.
6. Latest Bank solvency certificate of 20% of the tender value is required to be furnished by the tenderer along with the technical bid.
7. The Bidder should have to submit copy of PAN card.

Scope of Work

1. The Scope of the proposal shall be on the basis of a single Bidder’s responsibility, completely covering all the services specified under the accompanying Technical Specifications.
2. The Bidder shall complete all the schedules & annexure in the Bid Proposal Sheets, technical Data Sheets and specified elsewhere.
3. The scope of work is Supply, Erection & commissioning of 11kv Adaptor panel for 11kv Bus-coupler panel at various s/s under Navsari transmission circle GETCO Navsari as per standard specification and standard practice of GETCO and as per EIC.
4. The above work shall be done as per GETCO’s approved drawing/layout.
5. Necessary field quality plan of GETCO shall be implemented and necessary documentation shall also be maintained as per GETCO’s norms and instruction of EIC. If required field quality plan shall be available at field offices.
6. During the work of erection of feeder bay/transformer bay safety check list shall be followed. Necessary check list will be available at our field office.
7. Successful bidder has to appoint site Engineer to maintained site register & FQP as per ISO.
8. All work should be done accordingly to ISO & FQP and all require documents including Filled FQP, testing results etc. should be submitted while handing over the completed work.
9. The quantity mentioned in price bid is tentative and may vary in actual work order. Moreover, this is being ARC quantity of any item may be interchanged within the ordered value as per EIC.
Technical Specification

During commissioning 11kv Bus coupler panel by fabricating adapter panel at site locally by field office with considering following points,

- Maintain required clearances (Min. 90mm for PhotoEarth & 170mm PhotoPh) – As per Technical specification, Addendum -2 for 11KV VCB Panel Specifications.
- It must be completely dust free and vermin proof.
- It accommodates all the components viz. busbar, risers, bus post insulator etc.
- 11KV Bus coupler panel must be commissioned in presence of OEM. In similar way fabrication of adapter panel is to be done locally for besides

PART A

11KV Common Standard Busbar Configuration with Integrated Adapter Cubicle
(Please refer the attached typical drawing No. GETCO/E/11S-STD/P-004A, Rev. R0tdtd.12.03.15)

The 11kV VCB Indoor panels shall be with Integrated Adapter cubicle, mounted on the top of the panel, meeting following specifications.

1. Cubicle
   A. The cubicle shall be of min. 2 mm thick MS sheet
   B. The exterior as well as interior of cubicle shall be painted with two coats of stove enamelpaint of shade 631 of IS:5 with zinc phosphate treatment, after application of singlecoat of anti-rusting paint after seven tank process. Powder coating is also acceptable. Total thickness of paint shall be 80µmmin.
   C. It shall be completely dust and vermin proof complying requirements of degree of protection of IP 5X. The material, size, thickness and profile/configuration of metal sheet & gasket shall be as per the type test report.
   D. Overall dimensions of the cubicle shall be such that it accommodates all the components viz. busbar, risers, bus post insulator etc. maintaining required clearances (Min. 90mm for PhotoEarth and 170mm PhotoPh) considering bare conductor. Insulation to Busbar shall be provided as an additional protection.
   E. The rear cover shall have wire mesh provided behind it so that the person opening the cover shall not have access to live parts of the adapter cubicle. The nut shall be welded with the cubicles so that all the bolts of the rear cover shall be in position, thereby effecting complete closing of the cover.
   F. The cubicles shall be installed on the top of the busbar chamber of the panel.
   G. The pressure relief flap shall be mounted on the top of the cubicle to maintain internal malar test requirement of busbar chamber.

2. Bus bars and Risers
   A. A set of 3-phase busbars and risers of electrolytic high-grade copper rectangular bars shall be provided in the adapter cubicle.
   B. The bus bars of original panel shall be extended vertically upward by using risers so that the same make panel can be connected without need of adapter cubicle.
   C. The original busbar shall also be retained in its position so that the same make panel can be connected without need of adapter cubicle.
   D. The busbar shall be at the height of 2074mm from the bottom of the panel and the first phase busbar shall be at the depth of 972mm from front of panel (excluding front door width). The B-Phase shall be considered as the first phase these sequences shall be B - Y - R from the front of the panel. The center to center distance between phases shall be 200mm. The clearance between phase and earth shall be 90mm.
   E. The busbars and risers size shall be minimum 2 (Runs) x 75 (Width) x 10mm (Thickness) = 1500 mm². The length of busbar shall be as per requirement depending upon the panels to be connected.
   F. The busbars and risers shall be suitably insulated by heat shrinkable sleeves having minimum dielectric strength 22kV/mm whereas busbar joints shall be covered with heat shrinkable shrouds having minimum dielectric strength 22kV/mm. Minimum thickness of sleeve shall be 1.2 mm. HT insulating tape shall not be used.

3. Earthing
   Earthing bus of electrolytic high-grade copper having min. cross section of 240 Sq.mm shall be
provided and connected to panel earthing bus

4. **Bus Support insulators**
   Required numbers of bus support insulators shall be provided in the adapter cubicle.

5. **Drawings to be submitted by the bidder**
   GA of panel with adapter cubicle (Front view, Internal view, Side view, Top view showing busbars, risers and support insulators arrangement, all the clearances, etc.). Please refer the attached typical drawing.

Gasket details - Material, Size, Profile
PART-B

Brief Technical Specifications for Loose 11kV Adapter Cubicle

A. Work Description
To design, manufacture, supply and supervise the installation of 11kV Adapter Cubicle to connect 11kV Busbars of different make 11kV Indoor VCB panels at various substations

B. Scope of the Work
Design, engineering, manufacturing, supply, dispatch to site and supervision of installation of 11kV Adapter Cubicle to connect 11kV Busbars of any of the following make 11kV VCB Indoor panels of different busbar configuration, as the case may be, at various substations of GETCO.

1. ABB Ltd.
2. Andrew Yule Ltd.
3. BHEL
4. BieccoLawrie Ltd
5. Crompton Greaves Ltd.
6. Jyoti Ltd.
7. L&T Ltd.
8. MegawinSwitchgear Ltd.
9. GEC /Alstom/Areva/ Schneider Electric
10. Siemens Ltd.
11. Stelmec Ltd.
12. S&S
13. MEI
The type and designation of the panels to be connected are indicated in the Schedule-A of the tender

C. Inputs from GETCO

1. System data
11kV adapter cubicles shall comply with the following system conditions:
   (a) Nominal system voltage- 11kV
   (b) Highest system voltage- 12kV
   (c) System earthing- Effectively earthed
   (d) Number of phases- 3
   (e) Rated Frequency- 50Hz
   (f) Basic Insulation level:-
      (i) 1.2x 50 microsecond impulse withstand voltage- 75kVp
      (ii) One minute power frequency withstand voltage- 28kVrms
2. GA Drawings of existing 11kV Indoor VCB Panels.
3. Typical GA Drawings showing therequired height and depth of the busbars. (Please refer the attached drawing No. GETCO/E/11S-STD/P-004A, Rev.R0 dt. 12.03.15)

D. Site Visit
The bidders shall visit the site for assessment of actual work involved and to collect any specific data / information

E. Technical requirements:-

   ➢ The cubicle shall be of min. 2 mm thick MS sheet
   ➢ The exterior as well as interior of cubicle shall be painted with two coats of stoved enamel paint of shade 631 of IS: 5 with zinc phosphate treatment, after application of single coat of anti-rusting paint after seven tank process. Powder coating is also acceptable. Total thickness of paint shall be 80 µm/min.
   ➢ It shall be completely dust and vermin proof complying requirements of degree of protection of IP 5X. The material, size, thickness and profile / configuration of metal sheet & gaskets shall be as per the type test report.
Overall dimensions of the cubicle shall be such that it accommodates all the components viz. busbar, risers, bus post insulator etc. maintaining required clearances (Min. 90mm for Ph to Earth and 170mm Ph to Ph) considering bare conductor. Insulation to Bus bar shall be provided as an additional protection. It shall also maintain aesthetic look with the existing panels.

The rear cover shall have wire mesh provided behind it, so that the person opening the cover shall not have access to live parts of the adapter cubicle. The nuts shall be welded with cubicle so that all the bolts of the rear cover shall in position, thereby effecting complete closing of the cover.

The cubical shall be installed on the top of the busbar chamber of existing panels.

The busbars of one panel are at different height from the bottom of the panel and at different depth from front of panel (excluding front door width) than that of the other panel. The height and depth of the interconnecting horizontal busbar shall be at 2074mm height from the bottom of the panel and at the depth of 972mm from front of panel (excluding front door width). Accordingly the cubicles shall be designed.

The existing busbar chamber top cover with pressure relief flap shall be dismantled and mounted on the top of the cubicle to maintain internal arc test requirements.

F. Busbars and Risers

A set of 3-phase bus bars and risers of electrolytic high-grade copper rectangular bars shall be provided in the adapter cubicle.

The existing busbars shall be extended vertically upward by using risers to have the interconnecting horizontal busbars at a height of 2074mm. The first phase busbar shall be at the depth of 972mm from front of panel (excluding front door width). The B-Phase shall be considered as the first phase the sequence shall be B - Y - R from the front of the panel. The center to center distance between phases shall be 200mm. The clearance between phase and earth shall be 90mm.

The original bus bar shall be retained in its position so that the same make panel can be connected without need of adapter cubicle.

The busbars and risers size shall be minimum 2 (Runs) x 75 (Width) x 10mm (Thickness) = 1500 mm². The length of busbar shall be as per requirement depending upon the panels to be connected

The busbars shall be suitably insulated by heat shrinkable sleeves having minimum dielectric strength 22kV/mm whereas busbar joints shall be covered with heat shrinkable shrouds having minimum dielectric strength 22kV/mm. Minimum thickness of sleeve shall be 1.2 mm. HT insulating tape shall not be used.

G. Earthing

Earthing bus of electrolytic high-grade copper having min. cross section of 240 Sq.mm shall be provided and connected to existing panel earthing bus

H. Bus Support Insulators

Required numbers of bus support insulators shall be provided in the adapter cubicle.

I. Factory Acceptance Test
Supervision of installation of adapter cubicles on the busbar chambers of existing 11kV Indoor VCB panels to interconnect 11kV Busbar at GETCO substations is in the Bidder's scope of work. The scope includes all the materials and equipments whether specifically mentioned herein or not but required to complete the work in all respects.

Successful Bidder shall be intimated well in advance to carryout supervision of installation at site. Depending upon the availability of shutdown, GETCO will confirm the date and accordingly the supervision of installation work shall be completed in the given shutdown period of 8 hours max.

J. **Drawings to be submitted by the Bidder**

- GA of adapter cubicle (Front view, Internal view, Side view, Top view showing busbars and support insulators arrangement, all the clearances, etc.)
- Busbar joints drawing
- Gasket details - Material, Size, Profile

K. **Bill of Quantity**

The Nos. of adapter cubicle shall as per the 'Schedule-A' of the tender.

It shall cover following materials (Quantity shall be as per design requirement):

a. 11 kV Busbars and risers
b. Earthing bus
c. Bus support insulators
d. Any other materials and equipments whether specifically mentioned herein or not but required to complete the work in all respects.
GENERAL TECHNICAL CONDITION:

1. The erection work should be carried out according to the specification and as per instructions and programmed laid out by the Engineer in-charge of the work.
2. The contractor should employ a Supervisor with sufficient qualification and experience who can supervise the execution of work throughout. He should always be present on the site.
3. Cutting, bending, welding, brazing, wherever necessary is to be done by the contractor.
4. The contractor has to carry out all the works in accordance with revised and latest provision under I.E. Rules Act made thereunder and as per instruction of Engineer in charge.
5. Contractor has to co-ordinate E.I.C. for planning of outage and work schedule thereof, so as to complete all the planned work in outage. Contractor has to deploy adequate manpower accordingly.
6. In addition to the general of the construction particular, attention shall be paid to the final finish and every effort shall be made to have the entire work contented with standard of workmanship by the contractor.
7. Electricity Rules: - All the works shall be carried out in accordance with latest rules under Electricity Act.
8. Testing: - Complete installation shall be put to the necessary test as required and shall be got approved by Government Electrical Inspector.
9. CONTRACTOR’S MATERIALS BROUGHT TO SITE
   a) The Contractor shall bring to Site all materials, including construction equipment, tools and tackles for the purpose of the works under intimation to the Engineer. All such goods shall, from the time of their being brought vest in the Owner, but may be used for the purpose of the works only and shall not on any account be removed or taken away by the Contractor without the written permission of the Engineer. The Contractor shall nevertheless be solely liable and responsible for any loss or destruction thereof and damage thereto.

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

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

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

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

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

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

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

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

16. Contract Quality assurance:
The Bidder shall include in his proposal the Quality Assurance Programme containing the overall quality management and procedures which he proposes to follow in the performance of the Works during various phases. At the time of Award of Contract, the detailed Quality Assurance Programme to be followed for the execution of the Contract will be mutually discussed and agreed and such agreed Programme shall form a part of the Contract.
SPECIAL TECHNICAL CONDITION:
1. All erection work is to be carried out as per the manual of OEM (Original equipment manufacturer), FQP, approved drawing, specification and instruction of E.I.C.

2. All equipment erection charges are inclusive of shifting dragging handling of the respective equipment up to S/S erection site from its S/S site store.

3. Contractor has to ensure safe shifting dragging erection of all equipments to comply with labour laws I.E. rules etc.

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

5. All erection work includes erection insurance to be arranged by the contractor at his cost.

6. All the required tools and tackles like compression jointing machine for conductor, earth wire, cutting machine, welding set, drill machine, etc are to be arranged by the contractor at his cost.

7. Contractor should complete transportation within one job as per schedule if applicable. No extra payment will be given in any case other than this job.
8. All the brought out items get to be approved from DE/EE invariably for its specifications and quantity to be order out only as per instruction of EIC looking to the site condition. Payment will be given for those quantity for which clearance given from EIC and not for those which is mentioned in A/T.

9. Contractor has to make arrangement for site engineer and skill labours for maintaining all activities and records as per FQP. Also assisting to staff/engineer in charge to take IR values, Earth pits values, name plate detail, oil samples etc all activities relative to commissioning of project.

10. Contractor has to make arrangement for skill labours for assisting to commissioning engineer, PLCC staff/engineer, SMS/CMS/CRM/DCRM/testing staff/Engineer, Staff of as an when require as per instruction of Engineer in charge.

11. All items / materials shall be installed / erected in accordance with specified manuals /technical guide lines of the manufacturer and as per instruction of EIC.

12. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.

13. All work should be done according to ISO & FQP and all require documents including filled FQP, testing results, etc should be submitted while handing over the project.

14. Contractor has to submit the planning bar chart before starting the work in kickoff meeting.

15. Contractor has to complete all the work related to this title in stipulated outage period as per instruction of EIC.

16. After successful completion / commissioning of work awarded to agency in all respect, security arrangement shall be made by GETCO subjected to advance intimation at least 15 days before work completion. Till security arrangement by GETCO, contractor is responsible for security of project.

17. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.

18. Contractor has to ensure safe shifting dragging erection of all equipments to comply with labour laws I.E. rules etc.

19. Contractor has to make arrangement for skill labours for assisting to commissioning engineer as an when require as per instruction of Engineer in charge.

20. After completion of project successful bidder has to submit all the records like Final as build check survey, profile, clearance, foundation register, soil classification record, stringing chart, material inventory sheet etc in hard and soft copy for handing over the project.

21. All items / materials shall be installed / erected in accordance with specified manuals /technical guide lines of the manufacturer and as per instruction of EIC.

22. Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.

23. All work should be done according to ISO & FQP and all require documents including filled FQP, testing results, etc should be submitted while handing over the project.

24. Contractor has to submit the planning bar chart before starting the work in kickoff meeting.

25. Contractor has to complete all the work related to this title in stipulated outage period as per instruction of EIC.

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

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

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

4.0 ACCESS TO SITE AND WORKS ON SITE
A. Suitable access to and possession of the Site shall be afforded to the Contractor by the Owner in a reasonable time.
B. The works so far as it is carried out on the Owner’s premises, shall be carried out at such time as the Owner may approve and the Owner shall give the Contractor reasonable facilities for carrying out the work.
C. In the execution of the works, no person other than the Contractor or his duly appointed representative, Sub-Contractor and workmen, shall be allowed to work on the Site, except by the special permission, in writing, of the Engineer or his representative.

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

6.0 CO-OPERATION WITH OTHER CONTRACTORS
The Contractor shall cooperate with all other Contractors or tradesmen of the Owner, whom may be performing the work on behalf of the Owner and the workmen whom may be employed by the Owner and doing work in the vicinity of the Works under the Contract. The Contractor shall also arrange to perform his work to the maximum extent possible, interfering with the work of other Contractors and their workmen. Any injury or damage that may be sustained by the employees of the other Contractors and the Owner, due to the Contractor’s work shall promptly be made good at the Contractor’s own expense.

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

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

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

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

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

11.0 PROTECTION OF WORK
The Contractor shall have total responsibility for protecting his work still it is finally taken over by the Engineer. No claim will be entertained by the Owner or the Engineer for any damage or loss to the Contractor’s works and the Contractor shall be responsible for complete restoration of the damaged work to original condition to comply with the specifications and drawings.

12.0 EMPLOYMENT OF LABOUR
The Contractor will be expected to employ on the work only his regular skilled employees with experience of his particular work. No person below the age of eighteen years shall be employed. All traveling expenses including provision of necessary transport to and from Site, lodging, allowance and other payments to the Contractor’s employees shall be the sole responsibility of the Contractor. In case the Owner becomes liable to pay any wages due to the Labour or any Government agency under any of the provisions of the Minimum Wages Act, Workmen’s Compensation Act, Contract Labour Regulation Act or any other law due to act or omission of the Contractor, the Owner may make such payment and shall recover the same from the Contractor’s bills.

13.0 FACILITIES TO BE PROVIDED BY THE OWNER

**Space**
Land for Contractor’s Store, Workshop etc.

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

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

14.0 FACILITIES TO BE PROVIDED BY THE CONTRACTOR

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

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

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

17.0 FIRE PROTECTION

The work procedures that are to be used during the erection shall be those, which minimize fire hazards to the extent practicable. Combustible materials, combustible waste and rubbish shall be collected and removed from the site at least once each day. Fuels, oils and volatile or inflammable materials shall be stored away from the construction and materials storage areas. All the contractor's supervisory personnel and select number of workers shall be trained for firefighting. Enough of such trained personnel must be available at the site during the entire period of the Contract.

18.0 SECURITY

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

19.0 PRE-COMMISSIONING TRIALS AND INITIAL OPERATIONS

The pre-commissioning trials and initial operations of the equipment furnished and erected by the Contractor shall be those as detailed in relevant clauses of Technical Specifications. The Contractor shall provide, in addition, test instruments, calibrating devices, etc. and labour required for successful performance of these trials. If it is anticipated that the abovementioned work may prolong for a longer time, then the contractor's workmen required for the abovementioned tasks shall always be present at the site during such trials.

20.0 MATERIALS HANDLING AND STORAGE

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

B. The Contractor shall be responsible for examining all the shipments and notifying the Engineer immediately of any damages, storage, discrepancy etc., forthepurposeofEngineerinformationonly. The Contractor shall submit to the Engineer every week a report detailing all the receipts during the week. However, the Contractor shall be solely responsible for any shortages or damages in transit, handling and/or in storage and erection of the equipment at site. Any demurrage, wharfage and other such charges claimed by the transporters, railways etc. shall be borne by the Contractor.

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

D. All equipment shall be handled very carefully to prevent any damage or loss. The equipment stored shall be properly protected to prevent damage either to the equipment itself or to the floor where it is stored. The equipment from the storeroom shall be moved to the actual location at the appropriate times to avoid damage of such equipment at site.

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

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

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

H. All the materials stored in the open or dusty location must be recovered with suitable weatherproof and flameproof covering materials wherever applicable.

I. If the materials belonging to the Contractor are stored in areas other than those earmarked for him, the Engineer will have the right to get them moved to the area earmarked for the Contractor or the Contractor will have to put up suitable protective cover to prevent damage.
The Contractor shall be responsible for making suitable indoor storage facilities to store all equipment, which require indoor storage. Normally, all the electrical equipment such as motors, control gears, generators, exciters and consumables like electrodes, lubricants etc. shall be stored in the closed storage space. The Engineer, in addition, may direct the Contractor to move certain other materials, which in his opinion will require indoor storage, to indoor storage areas, which the Contractor shall strictly comply with.
GENERAL COMMERCIAL CONDITIONS:

1. The Gujarat Energy Transmission Corporation Ltd., Navsari hereinafter called ‘GETCO’/ ‘OWNER’ intends to receive bids for Supply, Erection & commissioning of 11kv Adaptor panel for 11kv Bus-coupler panel at various s/s under Navsari transmission circle detailed in the accompanying specifications in accordance with Terms and Conditions herein. The bids shall be prepared and furnished as per these instructions.

2. The erection work should be carried out according to the specification and as per instructions and programmed laid out by the Executive Engineer-in-charge of the work.

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

4. The contractor should employee as Supervisor with sufficient qualification and experience who can supervise the execution of work throughout. He should always be present on the site.

5. The erection work should be commenced immediately from the date of receipt of instructions from office and should be completed within thereafter.

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

7. PRICEEVALUATION:
   No price preference shall be given on any account. All tenders will be evaluated on firm price end cost basis. The parties however will have to give the detailed break-up of the end cost. **Price Bid will be evaluated on end cost only.** GETCO’s decision shall be final and binding on all the parties.

8. Prices:
   Prices quoted should be FIRM and on F.O.R. Destination basis (As per Schedule-A). However, the Tenders should indicate in the Schedule—— "B" i.e. Price Bid only, the break-up of Unit F.O.R. Destination Prices stating the Unit price, Sales Tax, service tax, Please note that payment of exciseduty will be made only on Ex-Work prices. Also, please mention rate of Exciseduty. If not specifically mentioned then GETCO will have the option to take the prices as exclusive of taxes and duties at maximum higher slabs for the evaluation of the tenders.

9. Erection of adaptor 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

10. The validity of tender is 180 days from the date of opening of technical bid

11. Earnest Money Deposit:
   a. Bidders are requested to pay an earnest money deposit (1% of estimated cost) by demand draft only on any Nationalized Bank at Navsari for the amount as specified in the tender notice. Payment of EMD in form of Cheque or any other form shall not be accepted.
   b. The EMD shall be submitted along with submission of Technical bid only.
   c. Tenders no accompanied by EMD shall be rejected.
   d. If during the tender validity period, i.e. 180 days, the tenderer withdraws his tender, the EMD shall be forfeited and the tenderer may be disqualified from tendering for future works of GETCO.
   e. The EMD will be returned promptly to the unsuccessful tenderer. The EMD will be returned to the successful tenderer after he furnishes the Security Deposit for performance and duly enters into the contract. If he fails to furnish the SD or to execute the contract for the work offered to him, his EMD shall be forfeited and the tenderer may be disqualified from tendering for further works for GETCO.
   f. If, SSI/NSIC copy is submitted against EMD, then it should be authenticated from notary. NSIC certificate more than 03 years old will not be considered and the validity of the same should cover at least the validity period of the tender and thereafter the tenderer should have renewed the same immediately. All the "NSIC" & "SSI" Documents furnished along with the tender should have clear validity as per the tender and should have invariably been renewed as per the norms of "NSIC" & "SSI". Otherwise, the tenderers shall have to pay EMD and no exemption will be granted.
g. The SSI or NSIC certificate should indicate the manufacture of items offered under this tender. Provisional SSI Registration Certificates are NOT allowed.

12. All commercial terms and conditions except rates shall be indicated in the technical & commercial bid only.

13. The Tenderers shall specifically note that the Tenders are invited on percentage basis only.

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

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

16. Tenderer will be qualified only who have submitted all the required documents as mentioned in qualification requirement.

17. The successful tenderer will have to pay the security deposit of 10% value of the work contract.

18. In case of any dispute/ doubt, the decision of SE (TR) Navsari shall be unchallengeable, final and binding to the contractor. Any dispute arising out of this tender document will be subject to Navsari jurisdiction.

19. The quantities mentioned are approximate and may be increased or decreased while placing the order.

20. **UNLOADING:**
   Unloading of the materials shall be arranged by bidder

21. **Railway Receipt (R.R.) / Truck Receipt (T.R.):** All goods should be dispatched freight paid and the R.R./T.R./Transport Delivery challan should be forwarded directly to the consignee by registered letter and not through any Bank. It should be immediately intimated on dispatch of the stores, as otherwise demurrage charges if any paid by the consignee will be deducted from supplier’s bill. It is essential that packing notes and prices invoices should be furnished to the consignees in respect of every consignment.

22. **Excise Duty:**
   The Prices against this order are inclusive of Excise Duty.

23. **Sales Tax and General Tax:**
   The prices should be quoted Exclusive of Sales Tax i.e. Without GST or CST. The amount / percentage of Sales Tax (GST or CST) should clearly be indicated separately. The Sales Tax, General Sales Tax and Central Sales Tax if payable, will be paid extra as per rules. This should be claimed as a separate item in the bill. Gujarat Energy Transmission GETCO Ltd. is registered under:

The prices as per your offer are exclusive of Sales tax/VAT @0% and General Tax against “C”/“C1” form. The materials are required for consumption in Transmission of electrical energy. If applicable, Form “C”/“C-1” will be issued. Gujarat State Form “C”/“C-1”/Central “C” form will be issued at the time of payment of bills. You are requested to quote your sales tax registration number and date in all the bills.

24. STATUTORY VARIATION:
   Any statutory increase or decrease in the taxes and duties subsequent to suppliers offer if it takes place within the original contractual delivery date will be to the Corporation’s account subject to the claim being supported by documentary evidence. However, if any decrease takes place after the contractual delivery date, the advantage will have to be passed on to the Corporation. The same will be applicable for enrolment of VAT as well.

25. Security deposit: - The contractor will have to pay the Security Deposit at 10% of the order value on placing the order by demand draft / FDR in the name of ‘GUJARAT ENERGY TRANSMISSION CORPORATION LTD/A/c. name of bidder’ within 7 days from the date of the issue of LOI. Alternatively you may pay the entire S.D. in the form of FDR as per approved format of the GETCO issued by Scheduled Bank. FDR issued by some co-operative bank is acceptable. The security deposit will be refunded only after the completion of guarantee period of 1 year of work done or finalization of final bill whichever is later.

26. 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.

27. Contract Period: - The time allowed for completion the work is as specified in the sub-order placed by concern division of GETCO however the maximum time limit of sub-order shall be Two month 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. However, if the amount remains pending in ARC extension may be given up to completion of amount with mutual understanding. Further if required, the ARC may be extended for one year with mutual understanding with the same rate and terms and condition.

28. SERVICE TAX: -
   (i) Contractor has to submit the Service Tax Registration certificate (ST-2).
   (ii) Contractor should be registered for the service under which they shall pay the service tax for this contract.
   (iii) Contractor has to submit invoice with each RA bill & Final Bill and in which it shall be specifically mention the nature of service & code under which the amount of service tax payable by contractor and payable by GETCO (if any) without fail.

29. WELFARE CESS: -
   1. As per the Welfare Cess Act, the welfare cess @ 1% is applicable on supply and erection items for supply, erection, testing & commissioning of substation, transmission lines, EPC/Turnkey projects, and civil works.
   2. Contractor shall get registered under Welfare Cess Act before commencement of work in required head as per nature of work. Office of the Factory Inspector is authorized at present as a registering authority.
   3. GETCO shall pay the welfare cess by way of reimbursing to contractors on production of documentary evidence of payment. Registration charges will not be reimbursed.
   4. 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.
   5. On receipt of A/T, the contractor / bidder will get them registered under Welfare Cess Act and submit the documentary evidence to the concern office. Copy of Registration certificate shall be submitted before submission of 1st RA bill.
6. 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.

7. The welfare cess shall be reimbursed to the contractor on submission of copy of documentary evidence of payment by observing due formalities.

18. Service tax & welfare tax shall be reimbursed on production of proof of such payments made by the contractor to the appropriate department.

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

20. The contractor will have to give safety cum indemnity on Non-judicial Stamp paper of value Rs. 100/- to GETCO against any possible claim of compensation for damage to contractor’s staff or any of third party during the execution of work. The cost of stamp paper will be borne by the contractor.

21. Also the successful bidder will have to execute Agreement on stamp paper of value Rs.100/- at our Transmission Circle, GETCO, Navsari before commencement of works as per GETCO’s prescribed Performa. The cost of stamp paper will be borne by the contractor.

22. SUPPLYOFMATERIALSATGETCO’SSTORES(SUB-STATION):
The Tendererswill havetoagreetosupplyanyofthequantitiesat66kv sub—stationsasper schedule-A

23. Packing and forwarding charges:
The prices are inclusive of packing & forwarding charges. The stores should be strongly and adequately packed to ensure safe arrival at destination fully covered against overspill, corrosion from accidental leakage, rough handling and possible damage due to exposure to salt laden atmosphere and handling. All packing must be clearly marked with order number and consignees name and address.

24. TRANSIT INSURANCE:
The prices are inclusive of transit insurance charges. All the materials will be required to be supplied to the sub-station as per Schedule-A and after the date of receipt of materials at sub-station to enable the GETCO to check up stores fully. The suppliers will be responsible for the replacement of such stores components as may be reported by the consignees which have been received short, damaged or broken within 30 days. The cost of damaged, defective stores materials will be deducted from the bill of the supplier and will be refunded only after replacement thereof. It will be the responsibility of the supplier to lodge claim against the insurance on receiving necessary advice from the consignee.

25. Inland Freight:
The prices are inclusive of Inland Road Freight charges. The goods shall be Dispatched freight paid.

22. 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 does not take up the work, same will be carried out at his risk and cost.

23. Tenderer will be qualified only who have submitted all the required documents as mentioned in tender notice.

24. Service tax will be paid as per prevailing norms on production of service tax registration. And against production proof.

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

26. In case of any dispute/ doubt, the decision of Superintending Engineer, Transmission Circle, GETCO Navsari shall be unchallengeable, final and binding to the contractor.

27. 10% retention money will be deducted from each R.A. Bills.

28. 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.

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

30. The quantum of the work as mentioned in estimate/schedule ‘B’ is tentative and it can be varied or differed as per site condition. The payment shall be made only on actual work executed or order quantity, whichever is less.

31. The tenderer will be abided by and fulfill all the terms and provisions of the “Tender & Contract” for works as applicable and incase of any default there to the GETCO shall forfeit the S.D. or any other action as may be decided by Superintending Engineer, Transmission Circle, GETCO Navsari.

32. 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.

33. 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.

34. All other general terms and conditions as prevailing in the GETCO shall be applicable to the contract.

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

36. The contractor will have to complete entire job as per directive and instruction of Engineer in charge. If he fails to do so entire work will be carried out at contractor’s risk and cost.

37. The tender shall be issued to only the experienced contractor who has completed such job of similar nature and magnitude satisfactorily in time. However, issuance of blank tender, does not qualifies the tenderer to offer the bid.

38. Tender offer without payment of EMD required certificate, documents, list of tools, tackles, equipments etc. required for execution of job will be out rightly rejected without assigning any reason thereof and decision of Superintending Engineer, Transmission Circle, GETCO Navsari will be final and unchallengeable.

39. The Contractor will be governed by The GETCO’s general conditions of works contract. The Booklet will be available in the concerned office in any working days. In the event of placing order, the contractor will have to sign this booklet along with other document and agreement. All the usual terms and conditions of the GETCO, through the same might have not been mentioned in this specification or contractor booklet will applicable to this contract, and the decision of the Executive Engineer/ Superintending Engineer shall be binding on the contractor.

40. 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.

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

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

43. 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.

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

45. The compliances of all Central/ State Govt. rules, safety and insurance rules etc. and that of local body, is a must condition for the agency.

46. 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.
47. The erection work should be commenced immediately from the date of receipt of instructions from office and should be completed within thereafter.

48. 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.

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

50. The contractor has to carry out all the works in accordance with revised and latest provision under I.E. Rules Act made there under and as per instruction of Engineer in charge.

51. No subcontractor, Power of Attorney shall be allowed.

52. All the materials issued by GETCO shall be transported to the work site on same day and to be preserved in safe custody failing to which GETCO shall initiate Police actions. Similarly as per instruction of Engineer in charge, you have to credit the material at GETCO store without any loss of time failing to which GETCO shall initiate Police action.

53. Part rate or reduced rate will be allowed in final bill with necessary justification and after taking approval of the order placing authority.

54. 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.

55. No tools, tackles, manpower etc. will be provided by the GETCO.

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

57. GETCO will not pay any idle charge for any site conditions or any circumstances.

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

59. 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.

60. It will be bidder's sole responsibility for erection of complete line/equipment in all respect as per the provision of I.E. Rules and procedures and as per the instruction of Engineer in charge.

61. In addition to the general of the construction particular, attention shall be paid to the final finish and every effort shall be made to have the entire work contented with standard of workmanship by the contractor.

62. **GENERAL:-**

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

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

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

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

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

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

64. 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.

65. 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.

66. The competent authority can delete any item in schedule of the tender, if he feels that the rate quoted by the contractor for that item is abnormally high when compared to the estimated rates.

67. Delivery of Material: - All material/ equipment required for this work is to be delivered as per schedule-A.

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

69. You will ensure that completion of erection work i.e. all works connected with substation having been completed correctly as per Indian Electricity Rules & procedure. Any extra cost involved due to incompleteness of work or bad workmanship found out Subsequently shall be set right forth with by you at your own cost.

70. Billing and Payment Terms

(a) The contractor shall have to submit the RA bill of sub-orders to the concerned executive engineer of sub-stations of concerned division for payment.

(b) 90% payment of amount claimed covering various activities such as excavation, foundation, erection, earthing, stringing of bus bar and earthwire including insulator hoisting works against R.A. bills duly certified by EIC within 60 days from the date of R.A. bill.

(c) Balance 10% of erection value shall be paid within 60 days against completion of work only after settlement of material account statement of items supplied, used, erected and successful commissioning of Sub-Station line the same amount will be release in final bill only and payment will be made only after passing of final bill.

(d) If net payable amount is more than Rs 5.0 Lacs, payment will be released from circle office/corporate office.

(e) The payment will be released within 60 days. However, in case of any delay due to any eventuality no interest charges shall be paid.

(f) All the bills in accordance with the above clauses must be submitted with the following information:
1) Item wise work done during billing period.
2) Item wise cumulative work done.
3) Account for material consumed and balance stock.
4) For non-submission or part submission of above information, an additional 5% amount of the respective RA bill shall be withheld and shall only be released at the time of final bill

71. **PROTECTION OF PROPERTY AND CONTRACTOR’S LIABILITY**

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

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

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

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

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

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

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

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

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

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

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

77. Quantities given in the Schedule of erection in price Bid are to be executed by the contractor at the rates accepted by the Board in the A/T. In case of any deviation in tower quantity / type of tower / length of line, excavation / concreting resulting into an increase in which event the field officer shall obtain prior approval of the Head Office and excess quantity shall be paid only at the accepted rate of the A/T. No any Excess work / amount to be executed without prior approval of competent authority.

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

79. **CONTRACTOR’S SITE ESTABLISHMENT**

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

80. **CO-OPERATION WITH OTHER CONTRACTORS**

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

81. PROTECTION OF WORK

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

90. TERMINATION OF CONTRACT ON OWNER'S INITIATIVE

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

b. The Contractor upon receipt of such notice shall discontinue the work on the date and to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and contracts related to the work terminated and terms satisfactory to the Owner, stop all further subcontracting or purchasing activity related to the work terminated, and assist the Owner in maintenance, protection, and disposition of the works acquired under the Contract by the Owner. In the event of such termination, the Contractor shall be paid compensation, equitable and reasonable, dictated by the circumstances prevalent at the time of termination.

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

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

91. FRUSTRATION OF CONTRACT

a. In the event of frustration of the Contract because of supervening impossibility in terms of Section 56 of the Indian Contract Act, parties shall be absolved of their responsibility to perform the balance portion of the Contract, subject to provisions contained in sub-clause 68(c) below.

b. In the event of non-availability or suspension of funds for any reasons, whatsoever (except for reason of willful or flagrant breach by the Owner) and/or Contractor, then the works under the Contract shall be suspended. Furthermore, if the Owner is unable to make satisfactory alternative arrangements to cancel the Contract in accordance with the terms of the Contract within three months of the event, the parties shall be relieved from carrying out further obligations under the Contract treating it as frustration of the Contract.

c. In the event referred to in sub-clauses 68(a) & 68(b) above, the parties shall mutually discuss to arrive at a reasonable settlement on all issues in
cluding amounts due to either party for the work already done on quantum merit basis which shall be determined by mutual agreement between the parties.

92. Termination of Contract

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

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

In the event of therisk purchase of stores of similar description, the opinion of the GETCO shall be final. In the event of fact taken under clause above, the contractor shall be liable to pay for any loss which the GETCO may sustain on that account, but the contractor shall not be entitled to have any saving on such purchases made against default.

93. Arbitration

A. All disputes or differences in respect of which the decision, if any, of the Engineer has not become final or binding as aforesaid shall be settled by arbitration in the manner hereinbefore provided.
B. The arbitration shall be conducted by three arbitrators, one each nominated by the Contractor and the Owner, and the third to be appointed as an umpire by both the arbitrators in accordance with the Indian Arbitration Act. If either of the parties fails to appoint its arbitrator within sixty (60) days after receipt of notice from the other party invoking the Arbitration clause, the arbitrator appointed by the party invoking the arbitration clause shall become the sole arbitrator to conduct the arbitration.
C. The arbitration shall be conducted in accordance with provisions of the Indian Arbitration Act 1996 or latest amendment thereof. The decision of the majority of the arbitrator shall be final and binding upon the parties.
D. The arbitrators may, from time to time, with the consent of all the parties, extend the time of making the award. In the event of any of the aforesaid arbitrators dying, neglecting, resigning or being unable to act for any reason, it will be lawful for the party concerned to nominate another arbitrator in place of the outgoing arbitrator.
E. The arbitrator shall have full power to review and/or revise any decision, opinion, direction, certification or valuation of the Engineer in accordance with the Contract, and neither party shall be limited in the proceedings before such arbitrator to the evidence or arguments entwined before the Engineer for the purpose of obtaining the said decision.
F. No decision given by the Engineer in accordance with the foregoing provisions shall disqualify him as being called as a witness or giving evidence before the arbitrator on any matter whatsoever relevant to the dispute or difference referred to the arbitrators as aforesaid.
G. During settlement of disputes and arbitration proceedings, both parties shall be obliged to carry out their respective obligations under the Contract.
H. All questions, disputes or differences, whatsoever may arise at any time or arise between the parties to this contract in connection with the contract or any matter arising out of or in relation thereto shall be referred to the "Gujarat public works contracts disputes arbitration tribunal" as per the provisions of the Gujarat public works contracts disputes arbitration tribunal act, 1992.

There reference to arbitration proceedings under this clause shall not

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

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

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

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

1. TAKING DELIVERY AND INSURANCE:-

1.1 The contractor has kept S/S materials in safe custody and transport to the respective sites and will be reasonable for any damages to or loss of all materials at any stage during transportation or erection or taking over of the line by GETCO.

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

1.3 The Contractor shall have total responsibility for the entire materials stored loose, semi assembled and/or erected by him at site in his custody. The Contractor shall make suitable security arrangements at 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 the Corporation.

2 STORAGE-CUM-ERECTION INSURANCE:-

2.1 The contractor shall take suitable storage-cum-erection insurance cover at his cost to the extent of 100% cost of s/s materials, which are required to complete the sub-station /line. Bidder shall have to take the comprehensive Marine cum Erection (MCE) insurance policy against any loss, damage, theft, pilferage, fire etc. for the complete period of storage, fire etc. for the complete period of storage, erection and commissioning up to the time of taking cover of the sub-station/line 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.

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

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

2.4 The estimated cost of material is ________________________ Lakh

3.0 INSURANCE

3.1 The Contractor at his cost shall arrange, secure and maintain all insurance as may be pertinent to the Works and obligatory in terms of law to protect his interest and interests of the Owner against all perils detailed herein. The form and the limit of such insurance as defined herein together with the under-writer in each case shall be acceptable to the Owner. However, irrespective of such acceptance, the responsibility to maintain adequate insurance coverage at all time during the period of Contract shall be of Contractor alone. The Contractor’s failure in this regard shall not relieve him of any of his contractual responsibilities and obligations. The insurance covers to be taken by the Contractor shall be in the joint name of the Owner and the Contractor. The Contractor shall, however, be authorized to deal directly with Insurance Company or Companies and shall be responsible in regard to maintenance of all insurance covers. Further the insurance should be in freely convertible currency.

3.2 Any loss or damage to the material during handling, transportation, storage, erection, and all activities to be performed till the successful completion of commissioning of the line shall be to the account of the Contractor. The Contractor shall be responsible for preference of all claims and make good the damages or loss by way of repairs and/or replacement of the equipment, damaged or lost. The transfer of title shall not in any way relieve the Contractor of the above responsibilities during the period of Contract. The Contractor shall provide the Owner with copy of all insurance policies and documents taken out by him in pursuance of the Contract.
Such copies of documents shall be submitted to the Owner immediately after such insurance coverage. The Contractor shall also inform the Owner in writing at least sixty (60) days in advance regarding the expiry/cancellation and/or change in any of such documents and ensure revalidation, renewal etc., as may be necessary well in time.

3.3 The perils required to be covered under the insurance shall include, but not be limited to fire and allied risks, miscellaneous accidents (erection risks) workman compensation risks, loss or damage in transit, theft, pilferage, riot and strikes and malicious damages, civil commotion, weather conditions, accidents of all kinds, etc. The scope of such insurance shall be adequate to cover the replacement/reinstatement cost of the equipment for all risks up to and including delivery of goods and other costs till the equipment is delivered at Site. The insurance policies to be taken should be on replacement value basis and/or incorporating escalation clause. Notwithstanding the extent of insurance cover and the amount of claim available from the underwriters, the Contractor shall be liable to make good the full replacement/rectification value of all equipment/materials and to ensure their availability as per project requirements.

2.5 **PENALTY FOR DELAY:**

The bidder should note that the completion time allowed for carrying out the work should be strictly observed. Any delay that may take place in supply and erection beyond contractual cutoff date stated as per stipulated delivery period shall be subject to 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.
1) **Wages to be paid at time of payment etc. by the contractor.**

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

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

2) **Labour Laws**

   (A) Person below the age of 18 years shall not be employed for the work.

   (B) No. female worker shall be employed in the night shift between 7 p.m. to 6 a.m.

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

   (D) The contractor shall at his own expenses comply with all labour laws and keep the GETCO indemnified in respective thereof. Some of the major liabilities under various labour and industrial laws which the contractor shall comply with are as under :-

      (i) Payment of contribution by way of employer’s contribution towards provident fund, family pension scheme, Deposit linked insurance scheme, Administrative charge etc. at the rates make applicable from time to time by Government of Gujarat/Government of India or other statutory authority.

      (ii) Payment of deposit in respect of each contract labour at the rate as per admissible with the office of commissioner of Labour as per the contract Labour (Regulation and abolition Act.).

      (iii) License fee as prescribed under the contract labour (Regulation and abolition Act) and rules framed there under depending upon the number of workmen employed by the contractor.

      (iv) Paid leave facility and wages as per the provision of the factories Act at the rate of one day for every 20 days of working.

      (v) Identify cards as prescribed under the factories Act with photo at fixe there to the same identification. Liabilities as per industrial Disputes Act any payment to the contractor’s employees arising out of any claim or disputes under the industrial Disputes Act, 1947 or any other labour laws.

      (vi) Payment of compensation in case accidental injury.

      (vii) Maternity leave as per the provisions of the maternity Benefit Act. The above are some of the major liabilities of the contractor in addition to other liabilities. Prescribed under the various labour laws in force from time to time from statutory authorities like State Government/ Government of India which the contractor shall have to comply with.

3) **Provident fund & Family pension Scheme:-**

   The contractor shall submit along with his bill (month wise) a statement regarding deduction against employees provident fund and family pension scheme in respective of each concerned employee, provident fund and family pension scheme at the rate at admissible (or at the rate made applicable by the Government from time to time) of the wages. The contractor’s contribution and his workers contribution towards provident fund and family pension scheme shall be deposited by the contractor with 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 labour shall be provided by the contractor to his workers. He shall maintain leave Records/leave cards for individual labourer 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 sumsums 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 produce a solvency certificate for an amount minimum of 20% of estimated cost of the tender and also to produce his Income-Tax clearance certificate.
Safety Clause

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

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

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Amount of Contract in Rs.</th>
<th>Penalty amount per person</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.25000/-</td>
</tr>
<tr>
<td>3</td>
<td>10 to --→ 100 Lacs</td>
<td>Rs.100,000/-</td>
</tr>
<tr>
<td>4</td>
<td>&gt; 100 Lacs</td>
<td>1.0 %</td>
</tr>
</tbody>
</table>

2. Reporting:

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

3. Safety Requirement:

i) Kick off Meeting exclusively for safety shall be done in each contract in presence of contractor’s site in charge and supervisor. Safety document shall be handed over and vital safety norms and key points of safety related to project shall be explained and recorded for commitment by erection contractor. Such records are mandatory for clearing first erection bill.

ii) During site visit by GETCO official of Executive Engineer and above rank, the following checks during execution of work shall be covered.

   I. Safety equipment available and utilize.
      (a) Helmet.
      (b) Safety belt.
      (c) Safety shoes.
      (d) Live line Voltage detector

   II. Safety procedure adopted.
       (a) Permit to work
       (b) Earthing at the place of work.
       (c) Adequate supervision.

   III. T & P physical Check. (Healthiness and Quality)
       (a) P. P. rope.
       (b) Wire rope and sling.
       (c) Earthing rod

IV. If above-mentioned safety requirements found violated in any of the above three conditions shall attract penalty of Rs.1000/-per occasion. (Max.Rs.3000/- -for violation of three conditions)
V. During subsequent visit, if violation is found, then double penalty shall be deducted from the bill of the Contractor/Agency.

**WORK & SAFETY REGULATIONS**

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

2. Contractor has to provide ISI marked ELCB / MCB having sufficient capacity of standard make at point of supply.

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

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

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

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

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

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

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

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

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

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

13. The Engineer shall have the right at his sole discretion to stop the work, if in his opinion the work is being carried out in such a way that it may cause accidents and endanger the safety of the persons and/or property and/or equipment. In such cases, the contractor shall be informed
in writing about the nature of hazards and possible injury/accident and he shall comply to remove shortcomings promptly. The contractor after stopping the specific work can, if felt necessary, appeal against the order of stoppage of work to the Engineer within 3 days of such stoppage of work and decision of the Engineer in this respect shall be conclusive and binding on the contractor.

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

15. It is mandatory for the contractor to observe during the execution of the works, requirements of safety rules which would generally include but not limited to following:
   a. Each employee shall be provided with initial indoctrination regarding safety by the contractor, so as to enable him to conduct his work in a safe manner.
   b. No employee shall be given a new assignment of work unfamiliar to him without proper introduction as to the hazards incident thereto, both himself & his fellow employees.
   c. Employee must not leave naked fires unattended, smoking shall not be permitted around fire prone areas and adequate fire fighting equipment shall be provided at crucial location.
   d. There shall be a suitable arrangement at every work site for rendering prompt and sufficient first aid to the injured.
   e. Requirements of ventilation in underwater working to licensed and experienced divers, use of gumboots for working in slushy or in inundated conditions are essential requirements to be fulfilled.

16. The contractor shall follow and comply with all GETCO safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without any demur, protest or contest or reservations. In case of any discrepancy between statutory requirement and GETCO safety rules referred above the latter shall be binding on the contractor unless the statutory provisions are more stringent.
   a. Fatal injury or accident causing death Rs. 1,00,000/- per person for death/ These are applicable
   b. Major injuries or accident causing 25% or more permanent disablement Rs. 20,000/- injury to any person, per person

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

OUR ENDEVOUR - Safety a habit

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

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

<table>
<thead>
<tr>
<th>Indoorsafetyprecaution</th>
<th>Outdoorsafetyprecaution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The method of work required T&amp;P and manpowershouldbediscussedbetweenGETCOsupervisor,contractor’ssupervisorandgangleaders.</td>
<td>The method of work required T&amp;P and manpowershouldbediscussedbetweenGETCOsupervisor,contractor’ssupervisorandgangleaders.</td>
</tr>
<tr>
<td>Prior to execution of work a joint survey mustbeconductedbyGETCOsupervisor,contractor’ssupervisorforriskassessment.</td>
<td>Prior to execution of work a joint survey mustbeconductedbyGETCOsupervisor,contractor’ssupervisorandDISCOMlinemaninordertoidentifythefollowing:</td>
</tr>
<tr>
<td>• Clearlyidentifytheworklocation,todistinguishbetweentheequipmentthatiseadandequipment/part thatmaybealive.</td>
<td>a. HT/LT line or tap line crossing under eachspanof lineof thework.</td>
</tr>
<tr>
<td>• Disconnectequipmentfromsupply.</td>
<td>b. Isolationpointof eachlinecrossing.</td>
</tr>
<tr>
<td>• Protectagainstotherliveparts.</td>
<td>c. Eachlinecrossing&amp;isolationpointundereachspanmustbediscussedandnotedinmaintenanceregisterwithsketch.</td>
</tr>
<tr>
<td>• Takespecialprecautionswhenclosetoabareconductors/Busbar.</td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Safety Guidelines</th>
<th>Contractor’s Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong> The contractors must provide advance planning of the work to the substation in writing.</td>
<td>Contractor’s supervisor and GETCO supervisormust ensure all isolations physically with adequate earthing technically and priorities to give clearances to the gangleader for taking up the job.</td>
</tr>
<tr>
<td><strong>2.</strong> Before starting any work, whether it is in the switchyard or not, a “permit to allow to work” must be taken from the control room in charge.</td>
<td>While executing works, the identification of the line crossing must be isolated/de-energized and written clearances should be obtained from the concerned DISCOM supervisor.</td>
</tr>
<tr>
<td><strong>3.</strong> Utilizing Electrical / non-electrical equipment, safety rules must be implemented.</td>
<td>The isolation of the tap line must be physically seen and verified by the contractor and GETCO supervisor.</td>
</tr>
<tr>
<td><strong>4.</strong> If the work is to be carried out on Sunday or public holidays, then necessary permission must be taken in advance, requesting in writing.</td>
<td>At D.O. fuse junction, contractors should be posted to ensure that no personnel restore D.O. supply while work is under execution.</td>
</tr>
<tr>
<td><strong>5.</strong> Unwanted persons, including children of the laborers, will not be allowed at the working site or in the prohibited area.</td>
<td>Contractor’s supervisor must ensure that the concerned official takes LCP for EHV line and power line crossing.</td>
</tr>
<tr>
<td><strong>6.</strong> Any electrical work or electrical connection to any equipment for any other work must be carried out by certified Electrician/wiremen with adequate size of wire.</td>
<td>- Live penal area / bus bar must be isolated and sealed/bifurcated with red colour tape for visible warning.</td>
</tr>
<tr>
<td>- Transformer must be switched off whenever and wherever the 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 the job in absence of GETCO authorized person. All wire temporary connection &amp; material whenever erection activity has any connection and disconnection work of bus bar, string bus.</td>
<td>- Display Board must hang on LCP panel.</td>
</tr>
<tr>
<td></td>
<td>- Transformer must be switched off whenever and wherever the 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 the job in absence of GETCO authorized person. All wire temporary connection &amp; material whenever erection activity has any connection and disconnection work of bus bar, string bus.</td>
</tr>
<tr>
<td>All workers / labour of contractor &amp; supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, etc, duly approved by GETCO.</td>
<td>All workers / labour of contractor &amp; supervisors must use personal protective equipment (PPE) during the work like gloves, safety belt, Safety shoes, Helmet, earthing rods, Live line detector etc, duly approved by GETCO.</td>
</tr>
<tr>
<td>The local earthing must be done at the place of work before execution of any work.</td>
<td>The local earthing must be done at the place of work before execution of any work.</td>
</tr>
<tr>
<td>11 kV breaker in panel must be switched off and racked out only after ensuring no voltage in breaker and without door opening.</td>
<td>Circuit breaker opening is not an isolation and isolator on either side must be opened. No work during rains and cloudy weather condition.</td>
</tr>
</tbody>
</table>
Transmission line activities.
1) Used of Voltage detector to ensure outage.
2) Earthing at three point, local, left & right side of bus bar / string bus.
3) Match line colour code with colour of wrist band.

Local earthing of electrical equipments like filter M/c, welding machine, testing kits etc. is must.

Crane shall only be used for material handling and erection. Working platform shall only be used for work in switchyard.

Schedule-A

(LOCATIONS FOR REQUIREMENT OF ADAPTER PANEL UNDER NAVSARI CIRCLE).

<table>
<thead>
<tr>
<th>SR NO</th>
<th>NAME OF CIRCLE</th>
<th>NAME OF DIV.</th>
<th>NAME OF SS</th>
<th>Existing Panel Make &amp; Type</th>
<th>New Panel make &amp; type(Which is required to be commissioned)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navsari</td>
<td>Vav</td>
<td>66KV Rumkitalav</td>
<td>Areva</td>
<td>Stelmec B/C</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Navsari</td>
<td>Vav</td>
<td>66KV Jamkhadi</td>
<td>Areva</td>
<td>Stelmec B/C</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Navsari</td>
<td>Vav</td>
<td>66KV Bamaniya</td>
<td>Stelmec/Jyoti</td>
<td>Stelmec B/C</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Navsari</td>
<td>Vav</td>
<td>66KV Afwa</td>
<td>Areva</td>
<td>Stelmec B/C</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Navsari</td>
<td>Navsari</td>
<td>66KV Amalsad</td>
<td>Jyoti/Siemens</td>
<td>Stelmec B/C</td>
<td></td>
</tr>
</tbody>
</table>

Total Requirement of Adapter panels for 11kv Incomer/bus coupler are 5 nos.
SCHEDULE-1
(UNDEAKING IN REGARD TO STOP DEAL/BANNED FOR USED BUSINESS DEALING /BLACK LIST THEREOF.)

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

Ref:-Tender No.___________

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

I/We__________________________________________

Authorized signatory of M/s._______________________________________________________

and thereby certified that M/s._______________________________________________________

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

Signature of tenderer
Seal of firm
Schedule-2

SAFETYCUMINDEMNITYBOND
(On Non-judicial Stamp paper of value not less than Rs. 100.00)

KNOW ALL MEN BY THESE PRESENTS that we,

INDEMNITY BOND Executed on this date of _______ Day of __________ 2014, I/We Having
Registered Office (hereinafter called “THE CONTRACTOR” which expression shall mean and includes my/our heirs, executors, administrators and legal representatives, successors and permitted assigns) do hereby bind myself/ourselves and also our company firms after having the power to bind by this promise and undertaking in favor of the Gujarat Energy Transmission Corporation Limited (GETCO), Vadodara State Transmission Utility under The Electricity Act, 2003 having its registered office at Sardar Patel Vidyut Bhavan, Racecourse, Vadodara. (hereinafter called as GETCO, which expression shall mean and include its legal representative, administrators and 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 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 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.

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>Upto 1 Lac</td>
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<td>10 to 100 Lac</td>
<td>Rs.100,000/-</td>
</tr>
<tr>
<td>4</td>
<td>&gt;100 Lac</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...
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. 

SCHEDULE-3

INDEMNITY BOND

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

INDEMNITY BOND

KNOW ALL MEN BY THESE PRESENTS that we, Messer’s ___________________________ (hereinafter called “the Contractor” which expression shall, where the context so admits, include their heirs, executors, administrators and legal representatives, successors and permitted assigns) are hereby held and firmly bind unto the Gujarat Energy Transmission Corporation Ltd (hereinafter called “the GETCO” which expression shall, where the context so admits, include its successors and assigns) to refund the full amount of materials supplied by the GETCO under the terms and conditions of A/T No. ________________ dated ____________ against any loss, damage or deterioration of whatsoever nature occurs to said materials supplied by the GETCO and which is in the custody of the contractor at their works site, on behalf of the GETCO, at _______________ (name of S/S / line) _______________ and / or if any of the said materials, when inspected by any officer authorized by the GETCO in this behalf, is found to be damaged, lost, deteriorated in quality or quantity, the contractor hereby agrees to bind himself to indemnify and at all times keep indemnified the GETCO against all loss, damage and deterioration to the any material supplied by the GETCO during his custody and shall pay in cash on demand from the GETCO within 30 days the market value of such materials which is lost, damaged or deteriorated in full to the GETCO and shall also hereby authorize the GETCO to deduct the said sum from any sum due to the contractor or any sum which may at any time become due to the contractor under the above referred contract or any other contract entered into by the contractor with the GETCO.

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

Now the conditions of the above written bond are such that the contractor shall pay the full amount forthwith to the GETCO in the event of loss, damage or deterioration or whatsoever except due to circumstances arising out of war in respect of the materials supplied by the GETCO and shall fully and effectually indemnify and keep indemnified to the GETCO against such loss, damage and deterioration. The contractor shall keep the said materials open at all times for inspection by the officers authorized by the GETCO and produce at 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)
This Agreement is made at BARODA the___________ day of __________ in the Christian Year Two thousand fourteen 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  VidyutBhavan, Race Course, Baroda 390 007 (hereinafter called “The GETCO” which expression shall unless excluded by or repugnant to the context include its successors or assigns) of the other part.

WHEREAS the aforesaid GETCO has accepted the tender of the aforesaid contractors for _________________________________________________________________
_________________________________________________________________________________ as per GETCO’s Order No. ________________________________________________ hereinafter called “the works” and more particularly described and enumerated or referred to in the specification, terms and conditions prescribed in the order letter, covering letter and other letters and schedule of price which for the purpose of identification have been signed by Shri ____________________________________ on behalf of the contractors and by ___________________________ on behalf of the GETCO, a list whereof is made out in the Schedule hereunder written and all of which said documents are deemed to form part of this contract and included in the expression “The works” wherever herein used, upon the terms and subject to the conditions hereinafter mentioned.

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

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

1. The contractors shall do and perform all works and things in this contract mentioned and described or which are implied therein or there from respectively or are reasonably necessary for the completion of the works as mentioned and at the times, in the manner and subject to the terms and conditions and stipulations contained in this contract, and in consideration of the due provision, executions, supply and completion of the works agreed to by the contractor as aforesaid the Board doth hereby covenant with the contractor to pay all the sums of moneys as and when they become due and payable to the contractors under the provisions of the contract. Such payment to be made at such times and in such manner as is provided by the contract.

2. The conditions and covenants stipulated here-in-before in this contract are subject to and without prejudice to the rights of the Board to enforce penalty for delays and / or any other rights whatsoever including the right to reject and cancel on default or breach by the contractor of the conditions and the covenants as stipulated in the general conditions, specifications, forms or tender schedule etc. attached with GETCO’s Order No. _____________________________________________.

The contract value, extent of supply & erection works, delivery dates , specifications and other relevant matters may be altered by mutual agreement and if so altered shall not be deemed or construed to mean or apply to affect or alter other terms and conditions of the contract and the general conditions and the contract so altered or revised shall be and shall always be deemed to have been subject to and without prejudice to said stipulation.

SCHEDULE

List of documents forming part of the contract:

1. GETCO’s Tender Specification No. _____________ and contractor’s offer opened on dated __/__/2014
2. GETCO order No. _______________ Dtd. ______/_____/ 2014
3. Contractor’s acceptance of order vide letter no. _______________.
4. Contractor’s Partnership Deed Dtd. _____________.
5. Contractor’s Power of Attorney / Board Resolution authorizing person to sign on behalf of Firm.
In witness whereof the parties here to have set their hands and seals this day and month, year first above written.

1) Signed, sealed and delivered by
   (Signature with name, Designation and official seal)
   For and behalf of M/s. __________________
   ________________________________
   ________________________________

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

   ii) __________________________________
   ________________________________
   ________________________________

2) Signed, sealed and delivered by
   (Signature with name, Designation and official seal)
   For and behalf of Gujarat Energy Transmission Corporation Ltd., Const. Division, Rajkot
   In the presence of name, Full address and Signature:
   (1)________________________________
   ________________________________

   (2)________________________________
   ________________________________
PURCHASE AGREEMENT

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

BETWEEN

…………………………………………………………….(Name of the Company), having
Registered Office at……………………………………… and
represented by……………………………………………….(Name and
designation of the Authorized Officer (hereinafter called “The
Supplier”, which expression where the context requires or admits shall include his legal heir,
administrators, executors, assigns, and legal representatives) of the ONE PART.

AND

…………………………………………………………….(Name of the Company), having
Registered Office at……………………………………… and
represented by……………………………………………….(Name and
designation of the Authorized Officer (hereinafter called “The
Purchaser/purchaser Company”, which expression where the context requires or admits shall include his administrators,
executors, authorized person, assigns, and legal representatives) of the OTHER PART.

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

AND WHEREAS, the Purchaser Company has accepted the tender of the Supplier for the total sum of Rs.__________... (Rupees____________________ only)
*including/excluding taxes upon the terms and subject to the conditions hereinafter mentioned in the agreement.

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

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

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

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

(3) In consideration of the due provision, executions, completion of the Supply, as agreed to by the Supplier as aforesaid, the Purchaser Company hereby agrees to pay all the sums of money as and when they become due and payable to the Supplier under the provisions of this agreement and such payment to be made at such times and insuch manners as provided in the agreement. In respect of the said Tender as per the terms and conditions of this Agreement, the Supplier has deposited amount in Cash or DD or has provided valid Bank Guarantee of Rs.…………….. (Rupees…………….. only) with the Purchaser Company towards performance guarantee of execution period of the supply material/items.

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

(5) The Purchaser Company shall not be bound to take the whole or any part of the ordered quantity herein or therein mentioned in the LOA/AT and may cancel the contract at any time after giving one month's notice in writing without compensating the Supplier.

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

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

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

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

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

SCHEDULE
List of documents:
1.
2.
3.
4.
5.

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

Place: Date:

1. Signed, sealed and delivered by:

(Signature with Name, Designation & official seal/stamp)

For and on behalf of M/s. _____________________________ (Supplier)

(Complete Name, Address of the authorized person of the Supplier with Authority letter or Board's Resolution incase of company)

In the presence of Name, full Address & Signatures:

i) __________________________________________
   __________________________________________
   __________________________________________

ii) __________________________________________
   __________________________________________
2. Signed, Sealed and Delivered by:

(Signature with Name, Designation & official seal/Stamp)
For and on behalf of (Purchaser),
(Complete Name, Designation & Location/Address of the authorized officer as per DOP of the Purchaser Company)

In the presence of Name, full Address & Signatures:
 i) ___________________________________________
                                           ____________________________
 ii) _________________________________________
                                           ____________________________
Ref. No.
Date:

To,
The Superintending Engineer (TR)
Gujarat Energy Transmission Corporation Ltd,
Power House Compound,
Station Plot
Navsari – 360 311

Sub: __________________________________________

Reference Order Number: - _________________________________

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

(Signature)

Designation ___________________
2 (Runs) x 75 mm (Width) x 10 mm (Thickness) Copper Busbar

Adaptor Cubicle with new common standard busbar

Original Busbar Chamber

Cable Chamber

Breaker Chamber

Instrument Chamber

TOP VIEW

SIDE VIEW

GUJARAT ENERGY TRANSMISSION CORP. LTD.
S.P. VIDEYUT BHAWAN, RACE COURSE,
VADODARA - 390 007

Common standard busbar configuration for 11KV Indoor VCB panels

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Picture</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>FIRST PREPARATION</td>
<td></td>
</tr>
</tbody>
</table>

56
Price

Bid
### Schedule-B

**Supply, Erection & commissioning of 11kv Adaptor panel for 11kv Bus-coupler panel at various s/s under Navsari transmission circle**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
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<td></td>
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</tr>
<tr>
<td><strong>Part A</strong></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
| 1       | Supply & Providing of 11kv Adaptor panel for matching 11kv panel to 11kv Bus coupler VCB panel.  
A. 2 nos. Adaptor panel shall be made from 2mm thick MS plate (1 set=2nos)  
B. Providing & fixing of 11kv Support insulator  
C. Providing & fixing of copper bus bar EC grade 2 nos. of 75mm X 10mm size with PVC insulated sleeve having dielectric strength 22kv/mm with same strength shrouds for joints. | 5  | No  |      |        |
| 2       | Erection & commissioning of 11kv Bus coupler panel by using 2 nos. Adaptor panel required to match with existing 11KV bus configurarion as per given specification | 5  | set |      |        |
|         |             |      |      |      |        |

| Total |            |      |      |      |        |
|       | On item No.1 | Sales Tax CST / VAT@  |      |      |        |
|       | On item No.2 | Service Tax @ 14.00 %  |      |      |        |

**Note:**

1. All erection work includes erection insurance to be arranged by the contractor at his cost.

2. VAT & CST is applicable on item No.1 and cost of the same shall be borne by the bidder.

3. Service tax item No.2 shall be reimbursed on production of proof of such payments made by the contractor to the appropriate department.

4. Contractor has to submit separate bill for supply and work.