

**Name of work :- Construction of Breaker foundations at 400 KV Soja
s/s, Ta-Kalol Dist:Gandhinagar**

STD - 10

// I N D E X //

Sr. No.	Description	Page
01.	Short Tender Notice (Technical Bid)	2
02.	List of documents to be submitted with technical bid.	3
03.	Scope of work	4
04.	Special condition for use of cement.	7
05.	Terms & conditions	11
06	Instruction For the work	22
07	Technical Specification	30
08	Appendix –1 to 3	41
09	Short tender notice (Price Bid)	
10	Schedule – ‘B’. (Price Bid)	

**EXECUTIVE ENGINEER (TR)
GETCO , SOJA**

SIGNATURE OF CONTRACTOR.
(With rubber stamp/seal of the Co.)

IMPORTANT

NOTE: It may be noted that TECHNICAL BID must contains copies of 1. Service Tax Registration No. 2. PAN Card Xerox 3. PF Code allotment letter issued by The RPFC Commissioner 4. Latest Solvency certificate of nationalized bank/ schedule bank 5. VAT registration no. 6. Class Registration of Civil Contractor issued by R & B Deptt. 7.DD Separately for Tender Fee & EMD in name GUJARAT ENERGY TRANSMISSION CORPORATION LTD. PAYABLE AT KALOL (N.G.)/ AHMEDABAD SERVICE BRANCH. Without any of above Seven documents Technical bid will liable for disqualify for Price Bid .



GETCO



GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

400 KV Sub Station, SOJA – 382 735.

Telephone No.:(02764) 289540 / 289537

Fax No.:(0264) 289537 Nivida No:-

web site: getcogujarat.com

e-mail: eegetcosoja@yahoo.co.in

SHORT TENDER NOTICE

STD-10

REQUISITION NO- **(TECHNICAL BID)**

Sealed rate tenders are invited for the work of Construction of Breaker foundations at 400 KV Soja s/s, Ta-Kalol Dist:Gandhinagar. Offer shall be submitted in two parts, (1) Technical bid in sealed cover & (2) Price bid in separate cover duly mention with tender no. Technical bid & price bid shall be submitted in separate cover duly sealed. These two sealed covers shall be further put in one envelope and duly sealed

1. NAME OF WORK :Replacement of 400 & 220KV Breaker foundations at 400 KV Soja s/s, Ta-Kalol Dist:Gandhinagar.
2. ESTIMATED COST : Rs. 1246913=00
3. EARNEST MONEY : Rs. 12470 =00
4. SECURITY DEPOSIT : 5% OF CONTRACT VALUE.
5. LAST DATE OF ISSUE OF TENDER : _____ UP TO 14.00 HRS.
6. LAST DATE OF RECEIPT: _____ UP TO 14.00 HRS. BY. RPAD ONLY. OF TENDER.
7. DATE OF OPENING OF TENDER : _____ AT 15.00 HRS (IF POSSIBLE)
8. PRICE OF TENDER. : RS. 1250 =00.
9. TIME LIMIT. : 3 Months.

Earnest money will be accepted by demand draft of any schedule bank payable at Dena Bank, Kalol, in favor of Gujarat Energy Transmission Corporation Ltd.,Soja reserve the right to reject any or all the tender without assigning any reason.

ISSUED TO :-

TENDER FEE PAID VIDE RECEIPT NO. _____, DATE _____.

E M D D.D. NO. _____ DT _____ EXECUTIVE ENGINEER. (TR.)
OF BANK. _____ GETCO, SOJA

Name of work :- **Replacement of 400 & 220KV Breaker foundations at 400 KV Soja s/s, Ta-Kalol**
Dist:Gandhinagar.

LIST OF DOCUMENTS TO BE SUBMITTED IN TECHNICAL BID.

01. Experience of having carried out of similar work is preferable.
02. Copy of the orders for executed of similar work at GETCO, Power Station, SEB/Similar government organization during last 3 years.
03. List of special tools and tackles/vehicle/transport facilities available with the party.
04. Documents for sole proprietor of firm/copy of partnership deed in case of partnership firm.
05. Bank solvency certificate for maximum amount.(Minimum 10 Thousand.)
06. Income tax clearance certificate of firm and partners individually.
07. Copy of Service tax registration certificate.
08. Copy of labor license (latest renewed) and PF code number.

- NOTE:-**
01. **Without copy/number of DD or Money receipt for EMD and Tender fee along with Technical bid, the technical bid will be rejected and price bid will not be opened.**
 02. **Party should submit stamp receipt for EMD S/D. so that, who has not got the order whose EMD can be released.**

Signature of contractor
With seal & date.

EXECUTIVE ENGINEER
SOJA.

GUJARAT ENERGY TRANSMISSION CORPORATION LTD

Transmission Division, Soja.

INSTRUCTIONS TO THE BIDDERS.

(A) SCOPE OF WORK :

Major works covered in this work: Replacement of 400 & 220KV Breaker foundations at 400 KV Soja s/s, Ta-Kalol Dist:Gandhinagar.

- (1). The site of proposed work is situated at village –soja Tal: kalol. Dist :Gandhinagar.
- (2) Any activity not specifically mentioned in the tender but necessary in the opinion of engineer in charge of work must be carried out for successful completion of the job.
- (3) Before taking up construction activity; the agency has to cut the trees which obstruct the working, of any diameter, bushes, vegetations, i.e. roots, plant, shrubs, grass etc including stacking and crediting to GETCO as directed with no extra cost.

(B) Other conditions:

1. The scope of work is explained in Tender specification. The work shall be carried out according to the enclosed General Conditions, Technical Specifications & such of the working drawings approved by the GETCO.
2. The bidders shall note that no deviations from the technical specifications or commercial Conditions with this bid are acceptable & it will be presumed that the bidder agrees entirely with the specifications & general terms & conditions of the contract.
3. All royalties, Sales Tax , toll tax, local tax, development charges, service tax, works contract taxes & any other taxes etc. in respect of this contract shall be payable by the contractor & Gujarat Energy Transmission Corporation Ltd will not entertain any claims whatsoever in this aspect. Any statutory variation in future towards the above mentioned taxes and imposing any new tax that shall also be payable by the contractor * Gujarat Energy Transmission Corporation Ltd shall not entertain any claim of whatsoever nature, during or after the completion of this tendered work. Proof of such payments made by the Contractor to the appropriate departments shall be produced to Gujarat Energy Transmission Corporation Ltd failing which appropriate amount shall be withheld on getting information/ instruction from the concerned departments.
4. The bidder shall carefully study the work to be carried. The GETCO will not pay any extra or rate for any reason in case the contractor claims after acceptance of contract to have misjudged the site condition.
5. The percentage quoted shall include cost towards of all materials, & machinery including equipments, fixtures, labour, constructional equipments, fuel, scaffolding, staging ramps, walkways, approach and haul road, temporary works, etc. bearing permanent to temporary nature necessary for the completion of the work in all respects, except for those items specifically mentioned to be furnished by the GETCO. The contractor must also arrange for the transport of materials & include all such costs in the rates quoted by him for finished work.
6. During the execution of the work if it is found that the work is not progressing as per the schedule progress programmed approved by the GETCO & planned by the Contractor. Due to the reasons attributable to the Contractor, suitable action shall be taken as per clause No.3 & 4 appearing in the “Tender & contractor for Works” and GETCO may take such action as it may deem fit to ensure that the work is completed in time at risks & cost as it may deem fit to ensure that the work is completed in time at risks & cost of the contractor.
7. Work under this contract shall be completed in all respects within stipulated period from the date of commencement order issued. However, interim mile stones to be jointly fixed after issue of LOI.
8. Bidders must quote firm price only, till completion of work under contract, & this is to be confirmed by bidder while submitting his offer. No escalation towards labor and material/fuel shall be paid in this execution of contract.
9. No price escalation on any account, will be payable.

10. GETCO reserves the right to delete any item of schedule-B for which contractor shall not have any right to claim on this account. For any variation in the quantity of item of schedule-B the contractor has to execute the work, however then payment will be made on actual work carried up to value of work for civil works.
11. Any variation due to site condition/requirement, the contractor has to execute the item up to plus minus 25% however no claim can be entertained for variation in quantity due to change in design.
12. Schedule –B is worked out based on soil characteristics arrived after trial pits, however the contractor has to carry out actual soil investigation and arrived S.B.C. etc. at his own cost and risk.
13. The Bidders shall study the Conditions of site & shall resort to dewatering where necessary, by appropriate method's & maintain reasonably dry areas to work at and no extra claim will be entertained on this account.
14. The Contractor shall prepare all required roads to execute various items of this contract & arrange all transport of materials & all such costs shall be taken care of while quoting the rates. No extra payments shall be admissible towards such costs. On completion, this shall be cleared if asked by GETCO at no extra cost.
15. Gujarat Energy Transmission Corporation Ltd shall entertain no idle charges for any site conditions or any circumstances.
16. The Contractor shall take all requisite & necessary care to observe that no damage is occurred to the Existing structures, if any. For any damage to the Existing structures of Gujarat Energy Transmission Corporation Ltd. The Contractor shall be held responsible.
17. **SITE VISIT** :- The bidder is advised to visit the site and examine the site condition. Where in the work is proposed to be carried out and to get him self fully acquainted at his own responsibility for all information that may be necessary for quoting the tender bind and entering in to contract. All cost and liabilities arising out of the site visit shall be at bidder account.

18. Recoveries:

- (I) In case of any damage to equipment/machinery or structure/building of GETCO or any public property due to negligence's of contractor or any other reasons attributed to contractor the decision of E.I.C. regarding the amount of recovery shall be final and binding.
- (II) If the contractor fails to execute the proportionate work as per direction of E.I.C. within the time frame given for completion of part / whole of the work GETCO shall get the work done through any other contractor and the cost of execution of such work along with 15% overhead charges shall be recovered from contractor.
- 19 Tenderer shall be deemed to have full knowledge of relevant documents, site conditions etc. whether inspected or not by him.
- 20 submissions of tender by a contractor implies that he has read the instructions and condition of contract there in contained and has made himself aware of the scopes and specifications of the work to be done.
- 21 These rules and directions shall form part of the contract.
- 22 **Drawings:** Drawings issued with the tender are indicative and for tender purpose only. Bidders shall have to execute the work as per approved construction drawings released from time to time by GETCO. Based on drawings submitted by contractor.
- 23 **Electricity Connection:** The electric power, at site, will be made available at one mutually agreed points, free of cost (connection only) by Gujarat Energy Transmission Corporation Ltd only. Further distribution will have to be carried out by the contractor as per requirements at their own cost. The necessary consumption charges will be recovered as per the tariff rate of Gujarat Energy Transmission Corporation Ltd from time to time as per GETCO's rules.
- 24 **Water Supply Connection:** The contractor has to make his own arrangement of water for construction activity at his own cost. However, if possible, on completion of GETCO's bore well / open well only, the water supply line from GETCO will be given at one mutually agreed point as per the contractor's request. Further distribution will have to be carried out by the contractor as per their requirements at their cost. Water shall be supplied on chargeable basis at the rates prevailing in GETCO. At present the prevailing rate is Rs. 2/- per 1000 liter, if metered, otherwise recovery for water charges will be effected at two percent of the cost of items as executed in which the water supplied by GETCO, is used, as certified by the EIC.

- 25 The work shall be completed within the period stipulated in the contract. However it may be noted that Drawing shall be released progressively based on drawing submitted by contractor and site clearance arranged accordingly to the progress of work at site. There for contractor shall have to organized and coordinate the works to suit these. In the event of any delay due to the above or due to any other reason not attributable to the contractor, reasonable extension in the completing the work may be given at the discretion and as decided by the GETCO. But no compensation or ideal charges will be paid to the contractor under any circumstance

(c) : Use of Materials:

- I. The contractor shall have to use the best quality of materials in the work, as per the specifications and relevant I.S. codes. In case Board desires to carry out any field test / laboratory test for any materials required for the work, the contractor shall arrange for the same at his own cost. Further, for any finished works such as masonry, plastering, cube testing for all important concreting work etc., if any testing is required same shall be arranged by the contractor at his own cost. The contractor shall have to maintain the regular records for such testing and shall submit along with each R.A. bills.
- II. No collection of materials shall be made before it is got approved from the Engineer-in-charge.
- III. Materials, if and when rejected by the Engineer-in-charge shall be immediately removed from site of work.
- IV. All installations pertaining to water supply and fixtures thereof as well as drainage lines and sanitary fittings shall be deemed to be completed only after giving satisfactory tests by the contractor.
- V. Approval to the samples of various materials given by the EIC shall not absolve the contractor from the responsibility of replacing defective material brought on site or materials used in the work found defective at a later date. The contractor shall have no claim to any payment or compensation whatsoever on account of any such material being rejected by E.I.C.
- VI. Approval to any of the executed item for the work does not in any way relieve the contractor of his responsibility for the correctness, soundness and strength of the structure as per the drawing and specification.
- VII Cement and steel will have to be consumed of following makes only.

Name of manufacturer of cement	Name of manufacture / supplier of structural steel / coils / bars / etc. for the structures / pipes / reinforcement etc.
Narmada Cement Company Ltd.	Steel Authority Of India
Gujarat Ambuja Cement Co. Ltd.	Tata Iron & Steel Co. Ltd.
Saurashtra Cement & Chemicals	Jindal
Siddhi Cement	Lloyds
J. K. Cement	Essar Steel Ltd.
L. & T. (Ultratech) Cement	Ispat
Shree Digvijay Cement Co. Ltd.	Shah Alloys Ltd., A'bad
Binani Cement	Mahavir rolling mills Ltd., A'bad.
Vikram Cement	Bhawalka Steel Industries, Mumbai
Sanghi Cement	Sun Vijay rolling & Engg. Ltd., Nagpur
Laxmi Cement	Shree Bajrang Alloys Ltd., Raipur
	Unique Structure & Towers Ltd., Raipur

**Executive Engineer (TR)
GETCO, SOJA.**

Signature of the Contractor

(With rubber stamp & date)

GUJARAT ENERGY TRANSMISSION CORPORATION LTD

SPECIAL CONDITION FOR USE OF CEMENT IN WORK:

- 1). The rate in Schedule-B is inclusive of cement cost. Contractor has to purchase fresh 43-53 grade cement confirming to as per IS: 8112 and of approved brand by GETCO.
- 2). Contractor has to construct pucca go-down at site of work so that cement bags can be properly preserved to avoid damage due to any kind of water.
- 3). Contractor has to bring sufficient of cement bags and at no time less than 200 (two hundred.) bags to maintain progress of work .The work should not suffer for want of cement.
- 4). Cement should give the required strength.
- 5). To bring sufficient and timely cement at site is full responsibility of contractor Nothing extra will be paid on account of any reason to maintain progress of work and to complete the work in schedule time.
- 6). Contractor has to submit material account for consumption of cement used with every bill. In case of not submitting the same, bill will not be passed. Party has to submit the copy of cement / purchase bill along with each RA Bill / Final Bill
- 7). No negative variation will be allowed for consumption in cement then prescribed as per booklet of technical specification of GETCO / mix design and nothing will be paid extra for over consumption.
- 8). Contractor is fully responsible for safety of cement at site; nothing will be paid extra on account of safety.
- 9). If GETCO's authorized representative wants to check cement stock at site, contractor has to allow for the same at any time.
- 10). Contractor has to maintain day-to-day cement consumption / balance account at site.
- 11). As far as possible contractor has to maintain supply of cement of only approved brand and grade throughout the work.
- 12). Minimum cement consumption considered for cement concrete having grade of M-15 / M-20 / M-25 is 300Kgs / 320Kgs / 340Kgs respectively. Contractor has to use minimum cement as above. Contractor should not use less than the prescribed quality of cement even in the case of mix design recommends lower quantity.
- 13). Contractor will be allowed to carry out work only after physical verification of cement brought at site.

**Executive Engineer (TR)
GETCO, SOJA.**

Signature of the Contractor

(With rubber stamp & Date)

**GENERAL RULES AND DIRECTIONS FOR
THE GUIDENCE OF CONTRACTOR**

- 1 Notwithstanding anything contained to the contrary in the specification or tenders in subsequent exchange of correspondence, the conditions of contract shall be binding on the contractor and any change or variations expressed or implied, however made in the said conditions shall not be valid or operative unless expressly sanctioned by the GETCO. The contractor shall be deemed to have fully informed himself and to have special knowledge of the provisions of the conditions of contract herein contained.
- 2 All works proposed to be executed by the contract shall be noticed in one of the English and one of the vernacular local daily newspapers, stating the work to be carried of as well as the date of submitting and opening tenders and time allotted in carrying out the work also the amount of earnest money to be deposited with the tender and the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills.
- 3 Copies of specifications, design, drawings, estimated rates, scheduled rates and any other documents required in connection with the work which will be signed by the Engineer-in-Charge for the purpose of identifications shall be open for inspections by the contractors at the office of the Executive Engineer during office hours.
- 4 Whether the works are proposed to be executed according to the specifications recommended by the contractor and approved by a competent authority on behalf of the Gujarat Energy Transmission Corporation Ltd, such specifications with designs and drawings shall form part of the accepted tender.
- 5 The Enterer's receipts for payments made on account of any work, when executed by a firm should be signed by all the partners except where the contractors are described in their tender as a firm, in which case the receipt shall be signed in the name of firm including the partners or some other person having authority to do so.
- 6 The Tenderer at shall fill up the usual form stating at what percentage above or below rates specified, he is willing to under take the work. Only one rate or such percentage on all the estimated rates or schedule rates shall be mentioned.
- 7 Tenderer which propose any alternation in the work specified in the form in invitation to tender or in the time allowed for carrying out the works or which contain any other conditions of any sort, will be liable to rejection.
- 8 No single tender shall include more than one work, but contractors who wish to tender, for two or more works, shall submit a separate tender for each work. Tender shall have the name and the number of the works, of which they pertain, be super scribed on envelope.
- 9 The Engineer-in-charge or his duly authorized assistant will open tenders in the presence of any intending contractors who may be present at the time and will enter the amount of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, the contractor shall there upon, for the purpose of identification, sign copies of the specifications and other documents. In the event of tender being rejected, the officer (Engineer-in-charge) shall authorized the paying officer concerned to refund the amount of the earnest money deposited to the contractor making the tender on his giving a receipt for the return of the money.
- 10 The officer, competent to dispose off the tenders, shall have the right of rejecting all or any of the tenders, without assigning any reasons thereof.

- 11 No receipt for any payment alleged to have been made by contractor in regard to any matter relating to tender of the contract shall be valid of binding on the GETCO unless it is signed by the Engineer-in-charge
- 12 The memorandum of work to be tendered for and the schedule of materials to be supplied by the Gujarat Energy Transmission Corporation Ltd and their rates shall be filled in and completed by the office of the Engineer-in-charge before the tender form is issued if a form issued, to an intending tenderer has not been so filled in and uncompleted he shall request the said office to have this done, before the completes and delivery his tender.
- 13 All works shall be measured, meet by standard measure and according to rules are custom and usual in the use in the Gujarat Energy Transmission Corporation Ltd, and no proposal to adopt alternative method will be accepted, the Engineer-in-charge decision as to what is "the usual method in use in the "Gujarat Energy Transmission Corporation Ltd" shall be final.
- 14 Every contractor shall, except the registered contractor on the approved list of the GETCO, produced, along with the tender a solvency certificate from the collector of the District within which he resides, of a banker's certificate of his financial stability, if he fails to produce such a certificate his tender will not be considered.
- 15 All corrections and addition or pasted slips should be initialed.
- 16 Tenderer shall be deemed to have full knowledge of relevant documents, site conditions etc. whether inspected or not by him.
- 17 Submissions of tender by a contractor implies that he has read the instructions and condition of contract herein contained and has made himself aware of the scopes and specifications of the work to be done and conditions and rates at which stores materials etc. will be issued to him and local conditions and other factors bearing on the execution of the work.
- 18 Under no circumstances shall any contractor be entitled to claim enhanced rates for any item of contract without prior sanction of the competent authority.
- 19 These rules and directions shall form part of the contract.

TENDER AND CONTRACT FOR WORKS

I/We hereby tender for the Gujarat Energy Transmission Corporation Ltd (herein referred as "GETCO") of the work specified in the under written memorandum within the time specified Schedule B (Memorandum showing items of work to be carried out) and in accordance, in all respect, with the specifications, design, drawings and instructions in writing and as per annexed conditions of contract and agree that when the materials for works are provided by the GETCO such materials and rates to be paid for them shall be as provided in Schedule A hereto.

MEMORANDUM

General Description of Work : **Replacement of 400 & 220KV Breaker foundations at 400 KV Soja s/s, Ta-Kalol Dist:Gandhinagar.**

- a) **Estimated Cost : Rs: 12,46,913=00**
- b) **Earnest Money : Rs =00**
- c) **Security Deposit : Rs: 5% of order value**

(2 ½ % of the contract amount to be paid in Adv. and balance 2 ½ % deducted

from current work of first two R.A. bills in two equal installments.)

(d) Time allowed for the completion of work of two month from date of written order to commence. Should this tender be accepted I/We hereby agree to abide by and fulfill all the terms and provisions of the conditions of contract annexed hereto as applicable and in default thereof forfeit and pay to the GETCO the sums of money mentioned in the same.

Receipt No. _____ Date _____ from the Gujarat Energy Transmission Corporation Ltd in respect of the sum of Rs. _____ (Rupees _____ (the amount to be specified in figures and words) is herewith forwarded

Representing the earnest money (the full value of which is to be absolutely forfeited to the GETCO should I/We not deposit the full amount of security deposit specified in above memorandum in accordance with clause- (d). Security Deposit of the said conditions / otherwise the said sum of Rs _____ shall be refunded on surrendering the original receipt, in case of non-awardance of contact.

Signature of the contractor

Address of the contractor

Dated _____ day of _____ year

Signature of Witness

Address of Witness

Occupation

Dated. _____ day of _____ year.

The above tender is hereby accepted by me on behalf of the Gujarat Energy Transmission Corporation Ltd.

Executive Engineer(Tr.) or his duly authorized assistant.

CONDITIONS OF CONTRACTS

1. Definitions:

- (a) The Contract means the documents forming the tender and acceptance thereof, together with the documents referred to therein or individual work order in the case of term contract, including these conditions, schedules and / or additional conditions attached to the form of tender or individual work, order, rate schedule, the specifications and the drawings and all these documents as applicable taken together shall be deemed to form the contract.
- (b) The "Tender Document" means the form of tender, the applicable schedules and/or additional conditions and the specifications and/or drawings as issued to the contractors for the purpose preparing tender.
- (c) The expression "works" or "work" when used in the conditions of contract shall, unless there be something in the subject or context repugnant to such construction means, the works or the work contracted to be executed under or in virtue of the contract whether original or altered.
- (d) The "Contractor" means the individual or firm or company, whether incorporated or not, undertaking the works and shall include his or its legal personal representative, successors and permitted assignees.
- (e) "GETCO" means the Gujarat Energy Transmission Corporation Ltd and the "Accepting Officer" means the officer who is authorized to sign and signs the contract on behalf of the "GETCO."
- (f) The letter "EE" means Executive Engineer who in the case of measurement and lump sum contract, direct the contractor and the letters "ACE" means "Addl. Chief Engineer" and "CE" means "Chief Engineer" and "VP" means "Vice Precedent" who administers and in the case of the term contracts directs the contract.
- (g) The "Engineer-in-charge" means all officers of the GETCO appointed by the Chief Engineer to supervise the works or part of the works.
- (h) "Approved" and "Directed" means the approval or direction of the Chief Engineer to Supdt. Engineer or the person deputed by him for the particular purpose.
- (i) "B.S." means the "British Standard" as issued by the British Standards institution. "A.S." means the American Standards as issued by the American Standard Institutions and "I.S." means the "Indian Standards" as issued by the Indian Standards Institutions. Wherever the above-mentioned abbreviations are preferred to, in the specifications and / or work orders, they mean the addition with all amendments current at the date of issue of tender documents of work orders.
In the case of measurement and terms of contracts "Specifications" means those contained in Gujarat Energy Transmission Corporation Ltd schedule together with any amendments etc. embodied in the tender documents, "Drawings" refer to those accompanying the tender documents and/or any work orders referred therein.
- (j) The "Contract Sum" means the sum accepted or the sum calculated in accordance with the prices accepted in the tender and/or the contract rate as payable to the contractor for the full and entire executing and completion of works.
- (k) "The date of completion" is the date or dates of completion of the work or any part of the works set out or ascertained in accordance with the individual work orders and the tender documents or any subsequent agreed amendments thereto.

2 Security Deposit

The contractor shall, within 10 days of the issue of Letter Of Intent, pay 2.5% of contract value out of 5 % as Security Deposit; the remaining 2.5% will be recovered from first two running account bills in equal installments. The Bank Guarantee from schedule bank in lieu of cash or government securities towards Security Deposit will be accepted providing amount of Security Deposit payable exceeds Rs. 10,000/- Security Deposit can also be paid as fixed deposit receipt as prescribed in Schedule "C". All damages, costs, charges, expenses and other sums which may be or may become due or payable by the contractor to the GETCO under the terms of the contract may be deducted from the cash in the proceeds of sale of the Securities/Bank Guarantee to deposited (which the officer or person to whom the same may be endorsed as aforesaid is hereby authorized to sell / to en cash for that purpose) or from the interest of any such securities of from any sums due or which may become due to the contractor by the GETCO or from the whole or the balance unpaid as aforesaid of the en cash securities so deposited being repaid or transferred and returned as may be to contractor after the date on which the final bill is paid or after the expiry of the date up to which the contractor has to maintain the work in good order whichever is later.

3. Compensation for the delay

The time limit allowed for carrying out the work as entered in the tender shall strictly observed by the contractor and shall be reckoned from the date on which the order to commence the work is given to the contractor. The work shall through out the stipulated period of contract the proceeds with due diligence (time being deemed to be essence of contract) and for delay, the contractor shall pay compensation, an amount equal to half percent per one week for the contract amount of work or such smaller amount as per the decision of the Competent Authority of the GETCO.

However, the total amount of compensation to be paid by the contractor, under the provision of the clauses shall not exceed 10 percent of the amount of contract value as decided by the competent authority of the GETCO. The penalty will be invariably deducted from the bills of the contractor and no refund will be given unless the competent authorities approves the reduction the reasons for delay attributable to GETCO as well as to party will be brought out clearly while putting the proposal for waiver reduction in penalty.

4. Action when whole of Security Deposit is forfeited

In any case in which under any clause or clauses of this contract the contractor shall have tendered himself to pay compensation amounting to the whole of his security deposit (whether paid one sum or deducted by installments) or in the case of abandonment for the work owing to serious illness or death of the contractor or any other cause, the Executive Engineer on behalf of the GETCO, shall have powers to adopt, (a) below and any of the following courses under (b) and (c) as he may deem best suited to the interest of the GETCO.

- (a) To rescind the contract (for which rescission notice of 10 days) in writing to the contractor under the hand of the Executive Engineer shall be conclusive evidence and in that case the security deposit of the contractor shall stand forfeited and absolutely at the disposal of the GETCO.
- (b) To employ labour paid by the GETCO, to supply materials to carry out of the works or any part of the works debiting the contractor with the cost of the labour and the price of the materials (as to the correctness of which cost and price the certificate of the Executive Engineer shall be final and conclusive against the contractor) and crediting him with value of the work done, in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of this contract and in that case the certificate of the Executive Engineer as to the value of the work done shall be final and conclusive against the contractor.
- (c) To order that the work of the contractor be measured up and to take such part thereof, as shall be unexecuted, out of his heads and to give it to another contractor to complete, in which case, any expenses, which may be incurred in excess of the sum, which would have been paid to the original contractor, if the whole work had been executed by him as to the amount of which excess expenses the certificate in writing of the Engineer-in-charge shall be final, conclusive and shall be borne and shall be paid by the original contractors and shall be deducted from any money due to him by the GETCO under the contract or otherwise from his security deposit of the proceeds sale thereof or a sufficient part thereof.

In the event of the above courses being adopted by the Executive Engineer the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advances on account of or with a view to the execution of the work or the performance of the contract. And in case the contract shall be rescind under the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any works thereof actually performed by him under this contract unless and until the Executive Engineer shall have certified in writing the performance of such works and the amount payable to him in respect thereof and he only be entitled to be paid the amount so certified.

5. Notice for unsatisfactory progress

If the progress or a particular portion of the work is unsatisfactory the Executive Engineer whose decision shall be final, shall notwithstanding that the general progress of work is satisfactory; be entitled to take action under Clause 4(c) after giving the contractor 10 days notice in writing and the contractor will have no claim for compensation for any loss sustained by him owing to such actions.

6. Action in the case of Default by Contractor

If any case in which any of the powers conferred upon the Executive Engineer by Clauses 4 and 5 hereof, shall have exercised and the same shall not have been exercised, the non exercised thereof shall not constitute a waiver of any of the conditions hereof and such powers shall not withstanding be exercisable in any further case of default by the contractor for which, by any clauses hereof, he is declared liable to

pay compensation amounting to the whole of his security deposit and liability of the contractor for past and future compensation shall remain unaffected in the event of the Ex. Engineer taking action under sub clause (a) or (c) of Clause 4 he may, if he so desires, take possessions of all or any tools, plants, materials, and stores in such upon the work or the site thereof belonging to the contractor, or procured by him and intended to be used for the execution of the work of any part thereof paying for allowing for the same in account at the contract rates, or in the case of a contract rates not being applicable to current market rates to be certified by the Executive Engineer whose certificate thereof shall be final. In the alternative, the Executive Engineer may by notice in writing to the contractor or his clerk of works, foremen or other authorized agent, require him to remove such tools, plants, materials or stores from the premises within a time to be specified in such requisition to decisions to the contractor failing to comply with any such requisition, the decision of the Executive Engineer as to the expenses of any such removal and the amount of the proceed and expense of any such sale, be final and conclusive against the contractor.

7. Extension of Time Limit

If the contractor shall desire an extension of the time limit for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Executive Engineer and the Executive Engineer may, if in his opinion there are reasonable grounds for granting extension, recommend such extension as he may think necessary or proper. The decision of the competent authority in this regard shall be final and binding to the contractor. Any delay attributed to GETCO shall be compensated only by way of extending the limit.

8. Completion Certificate

On completion of the work the Contractor shall be furnished with Completion Certificate by the Executive Engineer of such completion but no such certificate shall be given nor shall be the work considered to be complete until works are taken over and/or duly tested and put to operative as the case may be, nor until the work shall have been measured by the Engineer-In-Charge or where the measurement have been taken by his subordinated until they have received the approval of the Executive Engineer the said measurement being binding and conclusive against the contractor.

9. Effect of the Certificate

No payment shall be made for any work estimated to cost less than Rs.1,000/- till after the whole of said work shall have been completed and certificate of completion given. But in the case of works estimated to cost more than Rs.1,000/- Contractor shall on submitting a monthly bill thereof, be entitled to receive payments. Proportionate to the part of the work then approved and passed by the Engineer-in-charge, whose certificate of such approval and a passing of the sum so payable shall be final and conclusive against the contract. All such intermediate payments shall be regarded as payment by way of advance against the final payment only and not as payments for work actually done or completed and shall not preclude the Engineer-in-charge from requiring bad, unsound, imperfect or unskillful work to be removed and taken away and reconstructed or rejected nor shall any such payment be considered as admission of the due performance of the contract or any part thereof in any respect of the accruing of the claim nor shall conclude, determine or effect in any way the powers of the Engineer-in-charge as to the final settlement and adjustment of the accounts otherwise or in any other way, vary or affect the contract. The final bill shall be submitted by the contractor within one month of the date fixed for completion of work. Otherwise the certificate of Engineer-in-charge of the measurement and of total amount payable for the work shall be final and binding on all parties.

10. Payment to Contractors

The rates for several items of works estimated to cost more than Rs.1,000/- agreed to within shall be valid only when the item concerned is accepted, having been completed full, in accordance with the sanctioned specification. In case, where the items of the work, are not accepted, as so completed the Engineer-in-charge, may make payment on account of such items at such reduced rates, as he may consider reasonable in the preparation of final or running accounts bills.

11. Bills

Shall be submitted by the contractor each month on or before the date fixed by the Engineer-in-charge, for all works, executed in the previous month and the Engineer-in-charge shall take or cause to be taken the requisite measurement for the purpose or having the same verified and the claim so far as it is admissible, shall be adjusted, if possible, within ten days from the presentation of the bills. If the contractor does not submit the bill, within the time fixed, as aforesaid, the Engineer-in-charge may depute a subordinate to measure up the said work in the presence of the contractor or his duly authorized agent, whose counter

signature in the measurement shall be sufficient warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

12. Supply of Materials to Contractor

If the specification of the estimated work provides for use of any special description of material to be supplied from the GETCO's Stores or if it is required that the contractor shall use certain stores to be provided by the Engineer-in-charge (such material and stores and the prices to be charged thereof as here in after mentioned being so far as practicable for the convenience of contractor but not so as in any way to control, the meaning or effect of the contract specified in the schedule or memorandum here to annexed) the contractor shall be supplied with such materials and stores as may be required from time to time be used by him for the purpose of the contract only and the value of the full quantity of materials and stores so supplied shall be set off or deducted from any sum due to thereafter to become due to the contractor, under the contract or otherwise or from the security deposit or the proceeds of sale thereof if the deposit is held in Government Securities the same or a sufficient portion thereof, shall be sold for the purpose. All materials supplied to the contract shall remain the absolute property of GETCO and shall on no account be removed from the site of the work and shall at all time be open to inspection by the Engineer-in-charge. Any such materials un used and in perfectly good condition at time of completion or determination of the contract shall be returned to the GETCO's store if the Engineer-in-charge so requires by notice in writing given under his hands but the contractor shall not be entitled to return any such materials except with consent and he shall have no claim for compensation on account of any such materials supplied to him as aforesaid but remaining unused by him or for any wastage in or damage thereto. The contractor shall be responsible for the loss, destruction or deterioration of the materials, stores or articles supplied to him by the GETCO even if such loss, destruction or deterioration has occurred under any circumstances whatsoever beyond his control as if the materials, stores or articles so supplied were his property.

13. Works to be executed in accordance with specifications, drawings, orders etc.

The contractor shall execute in whole and every part of work in the most substantial and workmanlike manner and both as regarding materials and in every other respect in strict accordance with the specification. The Contractor also shall confirm exactly, fully and faithfully to the designs, drawings and instructions in writing relating to the work signed by the Engineer-in-charge and lodged in his office and to which the contractor shall be entitled to have access for the purpose of Inspection at such office, or in the site of the work, during office hours and the contractor shall, also if he so requires, be entitled at his own expenses to make or cause to be made copies of the specification, and of all such designs, drawings and instructions as aforesaid.

14. Alteration in Specifications and Designs not to invalidate Contracts.

The Executive Engineer shall have powers to make any alteration, or addition to the original specification designs, and instructions that may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instructions in this connection which may be given to him in writing, signed by the Engineer-in-charge and such alterations shall not invalidate the contract. Any additional work which the contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same conditions in all respect on which he agreed to do the main works, and at the same rates as are specified in the tender for the main work.

Where, however, the works is to be executed according to the designs, drawing and specifications recommended by the contractor and accepted by the competent authority, the alteration above referred to shall be within the scope of such designs, drawings, and specifications appended to the tender.

15. Rates for works not entered in Estimate or Schedule of Rate of the District

If the additional and altered work includes any class of work for which no rate is specified in this contract, then such class of work shall be carried out the rates entered in the Schedule of Rates of the Division or at the rate mutually agreed upon between the Executive Engineer and the contractor, whichever are lower. If the additional or altered work for which no rate is entered in the Schedule of Rates of the Division is ordered to be carried out before the rates agreed upon then the contractor within seven days of date of receipt by him of the order to carry out the work inform the Executive Engineer for the rate which in his intension to charge for such class of work and if the Executive Engineer does not agree to this rate he shall be noticed in writing be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider advisable provided always that if the rates shall have been determined as lastly here in before mentioned then in such case he shall only be entitled to be paid in respect of the work carried out or expenditure incurred by him prior to the date of the determination of the

rate as aforesaid according to such rate or rates as shall be fixed by the Executive Engineer. In the event of dispute, the decision of the Executive Engineer of the Circle will be final.

16. Extension of Time Limit in consequence of Addition or Alteration.

The time limit for the work shall be extended in the proportion that the increase in its cost occasioned by alterations or additions bears to the cost of the original contract work and the certificate of the Engineer-in-charge as to such proportions shall be conclusive.

1. No compensation for Alternation in or Restriction of Work to be carried out. If at any time, after the execution of the contract documents the Engineer-in-charge shall, for any reason whatsoever, require the whole or any part of the work, as specified in the tender, to be stopped for any period or shall not require the whole or part of the work to be carried out at all or to be carried out by the contractor, he shall give notice in writing of the fact to the contractor who shall thereupon suspend or stop the work totally or partially as the case may be in any such case, except as provided here under the contractor shall have no claim to any payment or compensation what so ever on account of any profit or advantage which he might have derived from the execution, of the work in full but which he did not so derive in consequence of the full amount of work not having been carried out or on account of any loss that he may be put to on account of materials purchased or agree to be purchased or for unemployment of labour recruited by him. He shall not also have any; claim for compensation by reason of any alterations having been made in the original specification, drawings, designs and instructions which may involve any curtailment of the work as originally contemplated. Where however, materials have already been purchased or agreed to be purchased by the contractor before receipt by him of said notice, the Executive Engineer provided they are not in excess or requirement and are of approved quality and /or shall be compensated for the loss, if any, that he may put to in respect of materials agreed to be purchased by him. The amount of such compensation to be determined by the Executive Engineer whose decision shall be final. If the contractor suffers any loss on account of his having to pay, his labour charges during the period, during which the stoppage of work has been ordered under this clause the contractor, shall on application be entitled to such compensation on account of labour charges as the Executive Engineer whose decision shall be final, may consider reasonable provided that the contractor shall not be entitled to any compensation on account of labour charges if, in the opinion of the Executive Engineer, the labour could have been employed by the contractor elsewhere for the whole or part of the period during which the stoppage of the work has been ordered as aforesaid.

18. No claim to compensation on account of loss due to delay in supply of materials by GETCO.

The contractor shall not be entitled to claim any compensation from GETCO for the loss suffered by him on account of delay by GETCO in the supply of materials entered in Schedule-A where such delay is caused by:

Difficulties relating to supply of railway wagons

- I. Force Majure
- II. Act of God

- III. Any other reasonable cause beyond the control of GETCO including Shortage of materials to be supplied by the GETCOs & difficulties in time by reaching at the site of any materials equipment. In the case of such delay in the supply of materials, GETCO shall grant such extension of time for the completion of the works as shall appear to the Executive Engineer to be reasonable in accordance with circumstances of the case. The decision in the Executive Engineer as to the extension of time shall be accepted as final by the contractor.

19. Time Limit for Compensation Claims

Under no circumstances, whatsoever, shall the contractor be entitled to any compensation from GETCO on any account unless the contractor has claimed in writing to the Executive Engineer within one month of the cause thereof.

20. Action and Compensation payable in case of Bad Work

If at any time, before the security deposit is refunded to the contractor, it shall appear to the Executive Engineer or his subordinate in charge of the work that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality or that any materials or articles provided by him for the execution of the work are unsound or of a inferior quality to that contracted for or are otherwise not in accordance with the contract, it shall

be lawful for Engineer-in-charge to intimate this fact in writing to the contractor and then notwithstanding the fact that the work, materials or articles complained of, may have been inadvertently passed, certified and paid for, the contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or any part, as the case may require or if so required shall remove the materials or articles so specified and provided other suitable materials or articles at his own charge and cost, and in the event of his failing to do so within a period to be specified by the Engineer-in-charge in the written intimation aforesaid the contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate for every day, not exceeding ten days during which the failure so continue and in the event of any such failure as aforesaid the Engineer-in-charge may rectify or remove and re-execute the work or remove and replace the materials or articles complained of, as the case may be, at the risk and expense in all respects of contractor should the Engineer-in-charge consider that any such inferior work or materials as described above may be accepted, or made use of, it shall be within his discretion to accept the same as such reduced rates as he may fix thereof.

Provided that in the case of any work of which visible check is not possible, if the Engineer-in-charge or his subordinate in charge of the work feels that such work has been executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality, he shall take sample tests at random, cost of which shall have to be borne by the contractor and if after taking such test, part of such work is found to be defective in any respect or to have been executed with materials of inferior quality, then the contractor shall be paid for the whole work such amount as may be fixed by the office of the Engineer-in-charge on the basis of the lowest quality of work found by him in such samples tests.

Explanation: I

Sample Test shall mean:

- (i) In relation to poles fixed as line supports, the token of one pole out of every 100 poles after taking it out from its foundation for inspection.
- (ii) In relation to any other work, such test as may be considered necessary, by the Engineer-in-charge or his subordinate in charge of the work.

Explanation: II

Cost of the sample test shall mean cost incurred for the purpose of taking Samples & test and for restoring tested work to its original condition.

21. Work to be opened to Inspection, Contractor or Responsible Agent to be present

All works under execution or in course of execution in pursuance of the contract shall at all times be open to the inspection and supervision of the Executive Engineer and his subordinate and contractor shall at all times, during the usual working hours and at all other times at which reasonable notice of the intension of the Executive Engineer or his subordinates to visit the works shall have been given to the contractor, during which period either he should be present to receive order and instruction, or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the contractor's duly authorized Agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

22. Notice to be given before work is covered up.

The contractor shall give not less than 5 days notice in writing to the Executive Engineer or his subordinates in charge of the work, before covering up or otherwise placing beyond the reach of measurement of any work, in order that the same may be measured and correct dimensions thereof, taken before the same is so covered up or placed beyond the reach of measurement and shall not covered up or placed beyond the reach of measurement and work without the consent in writing of Executive Engineer or his subordinate in charge of work, If any work shall be covered up or placed beyond the reach without such notice having been given or consent obtained, the same shall be uncovered at the contractor's expense, and in default thereof, no payment or allowance shall be made for such work, or for the materials, with which the same, was executed.

23. Contractor's Liabilities

The Contractor shall supply, at his own cost, all materials (except such special materials, if any as may be supplied from the GETCO stored in accordance with the contract) plant, tools, appliances, implements, ladders, cordage, tackles, scaffolding and any temporary works which may be required for the proper execution of the work., in the original, altered or substituted form and whether included in the

specification or other document forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-charge as to any matter on which under these conditions, he is entitled to be satisfied or which he is entitled to require together with carriage thereof to and from the work, the contractor shall also supply without charge, the requisite number of persons for setting out works, and counting, weighting and assisting in the measurement of, examinations at the time and from time to time of the work or materials, failing this, the same may be provided by the Engineer-in-charge at the expenses of the contractor and the expenses may be deducted from any money due to the contractor under the contract or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof the contractor shall provide all necessary fencing and light required to protect the public from accident and shall also be bound to bear expenses of defense of every suit, action or other legal proceedings of law that may be brought by any person for injury sustained. Owing to neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such persons or which may with the consent of the contractor be paid in compromising any claim by any such person.

24. Contractor Liable for all Damages

Compensation for all damage done intentionally or unintentionally by contractor's laborer, whether in or beyond the limit of GETCO's property, shall be estimated by the Executive Engineer, or such other office, as he may appoint and the estimate of the Executive Engineer, subject to the decision of the Executive Engineer, on appeal, shall be final and the contractor shall be bound to pay the amount of the assessed compensation demand, failing which, the same will be recovered from the contractor as damages or deducted by the Engineer in charge from any sums that may be due to or become due from GETCO to the contractor under this contract or otherwise.

The contractor shall bear the expenses of defending any action or other legal proceedings that may be brought by any person for injury sustained by him owing to neglect of precautions to prevent the spread of fire and he shall also pay any damage and costs that may be awarded by the court if in consequence.

25. Rescission of Contract and Forfeiture of Deposit.

The contractor shall not assign or sublet, without the written approval of the Engineer-in-charge and if the contractor assign or sublet his contract, or attempt to do so or become insolvent or commence any proceedings to be adjudicated as insolvent or make any composition with creditors, attempt to do so, the Engineer-in-charge may, by notice in writing rescind the contract. Also, if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise shall either directly or indirectly be given, promised or offered by the contractor or any of his servants, or agents, or any person to the employee of GETCO in any way relating to his office or employment or if any such officers or persons shall become in any way directly or indirectly interested in the contract, the Executive Engineer may, by 10 day's notice in writing, rescind the contract. In the event of a contract being rescinded the Security Deposit of the contractor shall there upon stand forfeited and be absolutely at the disposal of Board and the same consequences shall ensue as if the contract has been rescinded under clause 4 thereof and in addition the contractor shall not be entitled to recover or be paid for any work thereof actually performed under the contract.

26. Compensation

All sums payable by a contractor by way of compensation under any of these conditions shall be considered as a reasonable compensation to be applied to the use of GETCO, without reference to the actual loss or damage sustained and whether any damage has not been sustained.

27. Change in the constitution of firm to be notified

In the case of tender by partners of a firm, any change in the constitution of firm shall be forthwith notified by the contractor to the Executive Engineer for his information.

28. Works under direction of Executive Engineer.

All works to be executed under the contract shall be executed under the direction and subject to the approval of the Executive Engineer of the Circle, Engineer-in-charge for the time being who shall be entitled to direct at what point or points and in what manner they are to be commenced and from time to time carried on.

29. Decision of Executive Engineer to be final.

Except where otherwise specified in contract and subject to the power delegated to him by GETCO under the GETCO's rule, then in force the decision of the Executive Engineer of the Circle / EIC. for the time being shall be final, conclusive and binding on all of the specification, designs, drawings and instructions herein before mentioned and as to the quality of workmanship or material used on the or as to any other

question, claim, right matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning, the works or the execution or failure to execute the same, whether arising during the progress of the work or after the completion or abandonment thereof.

30. Arbitration

‘ALL QUESTIONS, DISPUTES OR DIFFERENCES, WHATSOEVER WHICH MAY AT AN TIME ARISE BETWEEN THE PARTIES TO THIS CONTRACT IN CONNECTION WITH THE CONTRACT OR ANY MATTER ARISING OUT OF OR IN RELATION THERE TO, 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.

The 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 work or site thereof or belonging to the contractor or procured by him and intended to be used 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 provision 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 the thirty days after the expiration of the defects liability period. The provisions of the Arbitration & conciliation Act, 1996, Gujarat Public Works Contract Disputes Arbitration Tribunal Act, 1992 and rules made there under shall apply to the arbitration proceeding under this clause.

31. Stores to be obtained from GETCO

The Contractor shall obtain from the GETCO Stores, such articles as are mentioned in Schedule ‘A’ which may be required for the work or any part of the work or in making up any articles required there fore or in connection therewith, unless he has obtained permission in writing from the Executive Engineer or obtained such stores and articles from elsewhere. The value of such stores and articles as may be supplied to the contractor by the Engineer-in-charge will be debited to the contractor in his account at the rate shown in the Schedule “A” attached the contractor and if they are not entered in said schedule they shall debited to him at cost price which for the purpose of this contract shall include cost of carriage and all other expenses whatsoever which may have to be incurred in obtaining delivery of the same at the stores aforesaid and further overhead charges 15%.The Contractor shall be responsible for the loss destruction or deterioration of the materials, stores or articles supplied to him by the GETCO ,even if such loss destruction or deterioration has occurred under any circumstances whatsoever beyond his control as if the material, stores or articles so supplied were his property. The contractor shall be responsible for returning the residual materials after completion of the contract and if fails to return, the balance material supplied to him by the GETCO, the cost of the residual materials will be recovered form the contractor at the market rate or stock issue rate whichever be higher at the time of materials account plus 15%.

32.1 Lump Sum in Estimate

When the estimate on which tender is made, includes lump sums in respect of parts of the works the contractor shall be entitled to payment in respect of the items of works involved or the part of the work in question at the same rates as are payable under this contract or such items or if the part of work in question is not in the opinion of the Engineer-in-charge capable to measurement the Engineer-in-charge may at his discretion pay the lump sum amount entered in the estimate and the certificate in writing of the Engineer shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.

32.2 Lump Sum Tenders

Whenever lump sum tenders have been invited for building or other structures of the same type, design, the contractor shall submit his bill stated in Clause No.11 and the Engineer-in-charge not below the rank of Executive Engineer shall certify by general measurement or by other method considered suitable to him, the value of work done and the contractor shall be paid monthly a sum equal to 90% of the total value the work so certified, since the last payment, after deducting a part or whole of the secured advance if not already paid for the materials utilized on the works. An additional secured advance for any fresh materials

brought on site will also be paid if certified by the officer not below the rank of Executive Engineer. After the work is completed final bill would be paid on the certification of officer not below the rank of Executive Engineer, that the work is done according to drawing and specifications attached to the tender. If any additions and alteration have been carried out, detailed measurements in respect thereof shall be recorded and extra payment or deductions are regulated as per item rates quoted by the contractor while submitting the tender and if there are any items in the additions and alterations for which the contractor has not quoted a rate, the payment shall be as per Clause 15 above.

33. Action where no specifications.

In the case of any class of work for which there is no such specifications as is mentioned in clause 1. such work shall be carried out in accordance with the divisional specifications and in there event of there being no divisional specifications, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-charge / consultant of the GETCO etc.

34. Industrial Labour Laws

1. Wages to be paid and time of payment etc. by the Contractor:-

- a) The contractor shall pay minimum of Rs.(as per labour law) per day or as may be specified hereafter or fixed under minimum wages Act whichever is higher. The wages of every contract labour employed by him under this contract shall be paid by him before the expiry of 7th day of the last day of the month in respect 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 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 else the contractor shall be punishable to the extend 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 trouble etc., the contractor can be contacted. The contractor shall arrange to have his office outside the factory premises and the contractor keep himself present through out the working hours.

2. Labour Laws: -

- a) Persons 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 7.00 p.m. to 6.00 a.m.
- c) Contractor shall maintain a valid labour 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 contractor shall be liable to be terminated without assigning any reason thereof.
- d) The contractor shall at his own expense comply with all labour laws and keep the GETCO indemnified in respect 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 of wages of employer's contributions towards Provident Fund, Family Pension Scheme, Deposit Linked Insurance Scheme, Administrative Charges etc. at the rates made applicable from time to time by Government of Gujarat / Government of India or other Statutory Authorities.
 - ii. Payment of deposit in respect of each contract labour of the rate of RS.30/- with the office of the Commissioner of Labour as per the Contract Labour Act (Regulation & Abolition).
 - iii. License Fee as prescribed under the contract Labour Act (Regulation and Abolition) 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. Identity cards as prescribed under the factories Act with photo affixed thereto, the same for identification.
 - vi. Payment of retrenchment compensation, notice pay and other liabilities as per Industrial Disputes Act. Any payment to the contractor's employees arising out of any claim of disputes under the Industrial Disputes Act – 1947 or any other laws.
 - vii. Provision of compensation in the case of accidental injury.
 - viii. Payment of crèche if the female labour employed is more than 30 numbers
 - ix. Maternity leave as per the provision 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 Las 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 and Family Pension Scheme**
The contractor shall submit along with his bill (month wise) a statement regarding deductions against employees provident fund and family pension scheme in respect of each concerned employees' Provident Fund and Family Pension scheme at the rate of 12 % (or at the rates made applicable by the Government from time to time) of the wages. 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 wages in-respect of employees who is a member of the Provident Fund as the contribution to the Deposit Linked Insurance Scheme with Regional Fund Commissioner, Ahmedabad.
5. **Administrative Charges:-**
Administrative charges for maintaining Provident Fund Account shall be deposited by the contractor with Regional Provident Fund Commissioner, Ahmedabad at the rates applicable.
6. **Paid Leave Facility**
Paid leave facility at the rate of one day for every 20 days worked by the contract laborer shall be provided by the contractor to his workers. He shall maintain Leave records/ Leave Cards for individual laborer which shall be duly verified and approved/ certified by the authorized officer of the GETCO.
7. **Workmen's Compensation Fund and Employers Liability Insurance:-**
The contractor shall cover all his employees under Workmen's Compensation Fund and under the Liability Insurance.
The contractor shall employ adequate number of experienced staff at site for daily supervision and for maintenance of various registers and records required under the law and contract. No payment for supervision shall be admissible.
8. **Contractor to Indemnify to the GETCO**
The contractor shall indemnify and keep indemnified the GETCO and every officer and employees of the GETCO and also Engineer-In-Charge and his staff against all actions, proceedings, claims, demands, costs and expenses whatsoever arising out of or in connection with the matters referred in above clauses and elsewhere and against all actions, proceedings, claims, demands, costs and expenses which may be made against the Getco by any workman / employee of the contractor or any sub contractor and / or from any liability may arise to any workman / employees of the contractor or any sub contractor under any laws, rules or regulation having the force of law including but not limited to claims against the owner under workman's compensation Act, 1923. The employee's Provident Act 1952, and / or the contract Labour (Abolition and Regulation) Act 1979. The GETCO shall not be liable for or in respect of or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or his sub-contractors, 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 whatsoever in respect thereof or in relation thereto.
9. **Workmen's Compensation And Employer's Liability Insurance: -**
Insurance shall be affected for all the contractor's for all the contractor's employees engaged in the performance of this contract. If any of the work is subletted to the sub-contractor, the contractor shall require that he or his sub-contractor to provide workmen's compensation and employer's liability insurance for the latter's employees unless such employees recovered under the contractor's insurance.
10. The GETCO reserves the right to terminate this rate contract at any time during it tendency without giving notice of termination or any reasons thereof.
11. The GETCO will be entitled to deduct directly form the bills, to be paid to the Sub-contractor and Labourers any sum or sums payable by contractor and which sum/sums the Board is required to pay as a principal employer on account of contractor's default in respect of all liabilities referred to in above clauses.
12. Nothing in the contract document stated shall any wise constitute any workmen/ employees of the contractor or any sub-contractor as or to be workmen/employee of the power, or place obligation or liability in respect of any such workmen/ employee upon the GETCO.
NOTE: -The prevailing Act at the time of execution of work over and above act specified herein shall be binding to the contractor
35. **No Claim for Variation in Quantities of Work**

Quantities shown in the tender are approximate and no claim shall be entertained for quantities of work actually executed, being either more or less up to any extent than those entered in the tender or less than those entered in the tender or estimate.

36. No Claim for Compensation for Delay in starting work

No compensation shall be allowed for any delay caused into starting of work on account of acquisition of land and in the case of clearance for works or any delay in according sanction to estimates.

37. No Claim for Compensation for delay in execution of work

No compensation shall be allowed for any delay, in execution of the work on account of water standing in borrow pits or compartment. The rates are inclusive for hard or cracked soil, excavation in mud, sub-soil water or water standing in borrow pit and no claim for an extra rate shall be entertained unless otherwise expressly specified & mentioned in the tender.

38. Entering upon or commencing any portion of work

The contractor shall not enter upon or commence any portion of work except with the written authority or instructions of the Executive Engineer or his subordinate in charge of the work, failing such the contractor shall have no claim to ask for measurement or payment for work.

39. Method of Payment

Payment to contractors shall be made by A/c payee cheque provided the amount exceeds Rs.50/-. Amount not exceeding Rs.50/- will be paid in cash. Generally payment may take 30 to 60 days after passing of bills depending on availability of fund.

40. Acceptance of conditions on tendering for work.

Submission to tender or acceptance of work order shall imply acceptance of these conditions of tender by contractor.

41. Employment of Scarcity Labour.

If government declares a state of scarcity or famine to exist in any village situated within 20kms of the work, the piece worker / contractor shall employ upon such part of the work as are suitable for unskilled labour; any person certified to him by the Executive Engineer or by any person to whom Executive Engineer may have delegated this duty in writing to be in need of relief and shall be bound to pay such person wage not below the minimum, which Government may have fixed in this behalf from time to time. Any implementation of this clause shall be decided by the Executive engineer / Engineer-in-Charge whose decision shall be final and binding on the piece worker / contractor.

42. Employment of Technical Persons

The contractors who are registered under class 'A', 'B' and 'C' or such contractors who executes the works of Rs.5 lakhs and above shall employ the technically qualified personnel possessing minimum a Diploma of reconciled Technical institution, for executing the work of the GETCO.

**Signature of the Contractor
(With rubber stamp & Date) Seal:**

**Executive Engineer (TR)
GETCO, SOJA.**

Gujarat Energy Transmission Corporation Ltd

GENERAL CONDITIONS OF CONTRACT

1.0 Contactor to inform himself fully:

The contractor shall be deemed to have carefully examined the work & site conditions, the general conditions, the special conditions, specifications, schedules, drawings shall be deemed to have visited the site of the works & to have fully informed himself regarding the local conditions. Copy of Appendix V attached with tender shall have to be filled up before quoting the rate, for confirmation of site visit.

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

2.0 Data to be furnished by Contractor

Prior to the commencement of work the contractor shall submit a bar chart showing detailed programme for completing the work within time limit to the S. E. for approval within a week of the date of LOI. .

No change in the approved plan & layout shall be carried out without specific written approval of the Executive Engineer in charge.

3.0 Errors, Omissions & Discrepancies

In all cases of errors, omissions, doubts or discrepancies in the dimensions, or discrepancies in the drawings & items of work on specifications, reference shall be made to the Executive Engineer whose elucidation & elaboration shall be considered as authoritative.

The contractor shall be held responsible for any error that may occur in the work thorough lack of such reference.

4.0

1. Temporary structures may be erected by the contractor for storage sheds, offices, and residential etc. for non-commercial use on land, handed over to him at his own expense & with the permission of the GETCO In any circumstances for constructing temporary structures contractor's use, GETCO free supply of materials shall not be made. If it is found that GETCO's free supply materials are used for the works other than approved drawings, it will be recovered at penalized rate.
2. The contractor shall preserve all existing vegetation such as trees on or adjacent, to the works site which, do not interfere with the construction as determined by the GETCO.
3. The contractor shall take all possible precautions in felling trees authorized for removal to avoid any unnecessary damage to vegetation & trees not to be felled & to structures or to workmen, & shall be responsible for any damage if it occurs in such operations.
4. All produce from cutting of trees grass etc. shall be the property of GETCO & shall be stacked at the directed places. No claim shall be made for such tree felling / cutting & stacking of trees/produce or grass etc. by the contractor.
5. The land shall as herein before mentioned be handed over to GETCO / Owner of Land immediately after the completion of the work under this contract. Also no land shall be held by the contractor longer than the GETCO shall deem fit & necessary & the contractor shall, on due notice by the GETCO, vacate & return the land which the Engineer In Charge may certify as no longer required by the contractor for purposes of the work.

5.0 Start of Work:

The contractor shall not enter upon or commence any portion of the work except with the written permission of the authority of the GETCO, failing which the contractor shall have no claim to ask for measurement of or payment for work & shall be responsible for any claims or damages that may arise due to such unauthorized commencement or entry. No compensation shall be allowed for any delay caused in starting the work on account of any delay in clearance of the work site.

6.0 Work to execute to the satisfaction of the GETCO's Engineers:

The contractor shall proceed with the work with diligence & expedition & the whole of the work herein specified as well as the mode of execution shall be under the supervision & the direction & shall be carried on to the entire satisfaction of the GETCO's site Engineers, who shall have full powers to order the contractor to alter, enlarge or diminish the form, dimensions, positions, or quantities of any of the work or to make use of materials & workmanship of different descriptions & qualities from this herein specified.

In the case of any class of work for which there are no Technical Specifications, these shall be carried out in accordance with the latest IS Codes & in the event of being no relevant IS Code, the works shall be carried out in accordance with the directions & instructions of the GETCO's Engineers at site.

7.0 Workmanship, etc.:

The work shall be executed in thoroughly substantial manner with workmanship of best quality & strictly in accordance with the specifications & with the drawings, or with such other drawings or written instructions as may from time to time be furnished to the contractor, in accordance with terms of this contract & shall be completed in every respect with workmanship implied & necessary according to the fair interpretation & meaning of the same & should there be any discrepancy between the drawings & specifications or any difference or dispute as to the dimensions to be worked out or the mode of doing periodical quantity of the work to be executed or with respect to any subject arising out of this contract, the decision of the Board's authorized Engineers shall be final & binding on all parties.

7.0 Samples of descriptive Data:

Samples of descriptive data requiring approval shall be submitted by the Contractor to the GETCO's Engineers in good time before the use of such material to permit its inspection & testing & there-by the approval. The samples shall be properly marked to show the name of material, manufacture place or origin & the place where it is intended to be used etc. Failure of any samples to pass specified tests requirements. It shall be sufficient cause for the refusal to consider any further samples from that source.

8.0 Baselines & Grades:

The GETCO near to the site of work shall furnish one permanent Bench Mark. Semi-permanent baselines & cross lines shall be established at sufficiently spaced intervals with benchmarks by the Contractor at his own cost & risk. The contractor shall provide at his expense, all the required pillars, equipments, materials, & labour for the establishment of the grade lines & bench marks, for that the Contractor shall be responsible for their further maintenance during the execution of the actual work till the complete period of construction. The contractor shall be responsible for the proper execution of work to such lines & levels & grades as may be specified in the drawings, established, or indicated by the GETCO's Engineers. All the survey work, if required, shall be checked by the GETCO's engineers. However this shall not absolve the contractor for the correctness of survey/ temporary or permanent Benchmarks.

9.0 Contactor not to dispose off soil, etc.:

The contractor shall not sell or otherwise dispose off or remove except for the purpose of this contract the sand, ballast, earth, rock or other substances or materials that may be obtained from any execution made for the purpose of this contract or produce upon the site at the time of delivery of the possession of the land but also such substances materials & produce shall be the property of the GETCO & shall be disposed off in the manner & place as directed by the GETCO's Engineers.

10.0 Gold, silver, Minerals, Oil Relics, etc. found on the Site:

All gold silver, oil relics, or other minerals, of any description & all precious stones, coins, treasures relic, antiquities, & other similar things that shall be found in or upon the site shall be the property of the GETCO. The contractor shall return the gathered things as above to the authorized representative of the GETCO.

11.0 Fencing, lighting & ventilation:

The contractor shall be responsible for the proper lighting, fencing, guarding & taking of all the necessary safety measures for all works comprised in the contract & or the proper provision of temporary roadways, footways, guards fences, caution notices etc. as far as the same may be rendered necessary by reasons for the work for the accommodation & protection of workmen foot passenger or other traffic & of the Getco & occupiers of adjacent villages, property of the public & shall remain responsible for any accidents that may occur on account of his failure & timely precautions.

All the works & approaches shall be adequately illuminated with electric lights to the satisfaction of the GETCO's Engineers. The power & lighting connections, wiring equipment shall be subject to the inspection & passing by Electrical Inspector to GOG authorized under the Indian Electricity Act. Any additions alterations or omissions shall be got approved from the GETCO's Engineers got certified from the Electrical Inspector. Work spots such as faces of excavation of borrow pits; filling area etc. shall be adequately illuminated with floodlights to the satisfaction of the GETCO's Engineers.

12.0 Explosive procurement & storage:

Explosives, petrol, oils, fuels, & other inflammable materials shall be stored strictly in accordance with the rules of the Explosive Department.

The contractor shall at his own expense construct & maintain proper magazines which are required for the storage of explosive & arrange for storage facilities for oils, petrol, fuels etc. for use in connection with the work.

The contractor shall at his own cost obtain the necessary license for the storage & use of explosives, oils, petrol, diesel etc. The GETCO shall not take any responsibility whatsoever in connection with the storage or use of explosives on the site, any accident occurs in the connection at site or nearby village or vicinity. All operations of the contractor in which or for which explosives are employed shall be at the risk of the contractor & upon his own responsibility.

13.0 Liability for accidents to persons:

13.0.1 The contractor or subcontractor shall indemnify the GETCO against any claims which may be made under the workman's compensation Act, 1923, or any statutory modification or other wise for or in respect of any damages or compensation payable in consequence of any accident or injury caused, by fault of contractor or subcontractor & sustained by any workmen or other person on the employment of the contractor or subcontractor. In every case in which by virtue of the provisions of subsection (1) of section 12 of the workman's Compensation Act, 1923, the GETCO is obliged to pay compensation to a workman employed by the contractor or subcontractor in execution of the work, the GETCO will recover from the contractor the amount of compensation so paid, and without prejudice to the rights of the GETCO under subsection 12 of the said Act, such amount will be paid back

to the GETCO in 30 days, failing which the GETCO will be at liberty to recover such amount of any part thereof by deducting it from the dues by the GETCO to the contractor under this contract or otherwise. The GETCO shall not be bound to contract any claim made against either of them under section 12, subsection (1) of the said Act, except on written request from the contractor & upon his giving to the GETCO full security for all costs for which the GETCO might become liable in consequence for entertaining such claims.

13.0.2 The contractor and/or subcontractor named in the contract shall indemnify the GETCO against all claims based upon injury or death to any person in the employment of the contractor or sub contractor, or to the third parties under paragraph (a) 2 or condition no.47 to the extent of any sums recovered under the insurance policy.

13.0.3 On occurrence of the accident which result on the death of workman employed by the contractor or subcontractor, which is so serious as to be likely to result in the death of any workman, the contractor shall within 24 hours of happening of such event intimate in writing to the Engineers of the GETCO the fact of such accidents. The contractor or subcontractor shall indemnify the GETCO against all loss or damage sustained, by the GETCO resulting directly or indirectly from his failure to give intimation in the manner aforesaid including penalties or fine if any, payable by GETCO as a consequence of GETCO's failure, to give notice under workman's compensation Act or otherwise to confirm to the provisions of the said Act in regard to such accident.

Liability for damage to works & materials:

13.0.4 The contractor shall during, the progress of the work, properly protect the works & the existing Ash Disposal pipelines & materials placed at his disposal or acquired for him by the GETCO, & shall remain answerable & liable for all accidents, damages. Loss etc. & shall be made good in the most complete & substantial manner by & at the sole cost of the contractor & to the reasonable satisfaction of the GETCO's Engineers. If the contractor fails to make good such losses, damages within the specified time given by the GETCO, the GETCO shall be at liberty to recover the amount towards such expenses fixed by the GETCO's Engineers & shall be recovered from the amount due under this contract to the contractor.

13.0.5 Further the contractor shall, at all times, protect & preserve all materials, machinery, equipments, Ash Disposal pipelines, allied structures such as spillway chambers, ADP, haul road and ramps etc., materials & so acquired by himself or GETCO for the execution of the work. All reasonable requests of the GETCO's Engineers to enclose or especially protect any of the above shall be expeditiously complied with at no extra cost.

13.0.6 If the Engineer considers that the work, asked for in the aforesaid Para, is not sufficiently & satisfactorily protected by the contractor, on requests made for, the GETCO shall be entitled to arrange for such protection at his unfettered discretion & recover the cost thereof from the contractor.

13.0.7 Until the work shall be or deemed to be taken, over as aforesaid, the contractor shall also be liable for & shall be deemed to have indemnified the GETCO in respect of all damage or injury to any person or any property of the GETCO or of others in villages near by, occasioned by the negligence of the contractor or his workmen, or his subcontractor, or by defective /ill methods of working.

13.0.8 Materials, tools, machinery brought on the site of work:

All materials, tools & tackles, machinery etc. of the contractor brought to & delivered upon the site for the work shall be the time of their being so brought shall be deemed to be the property of the GETCO in it's possession to be used for the purpose of the work & for that purpose only & shall not on any account be removed or taken away by the contractor or any other person without the permission of the GETCO's Engineers in charge, but the contractor shall be fully responsible for & loss, destruction thereof or damage thereto. The GETCO may have a lien on such materials, tools, tackles, machinery for any sum or sums which may at any time prior to the completion of the works be or owing to the GETCO by the contractor, under in respect of & dispose of any such materials, tools. Tackles, machinery in such a manner as the GETCO may think fit & to apply the proceeds in or towards the satisfaction of such sum or sums due or owing as aforesaid but subject to such lien & power of sale & disposal such surplus materials, tools, tackles, machinery shall belong to the contractor & may be removed & disposed off by him as he may think fit.

14.0 Access to site & work on site:

The Engineer or his authorized representative may if he considers fit from time to time enter upon any lands which may be in the possession of the contractor under this contract, for the purpose of executing any work not included in this contract & may execute by other contractors at his opinion & the contractor shall in accordance with the requirements of the Engineer, afford all reasonable facilities for execution of the works including occupation of lands by structure or other wise for any other contractor employed by the GETCO & his workmen or for the execution on or near site of the works not included in the contract. The contractor shall not be entitled for any extra claims on such executions.

15.0 Inspection of Works:

The GETCO's Engineers or their authorized representatives shall have at all times power to inspect the works, wherever in progress, either on site, on the contractor's premises in connection with this contract. Further, the contractor shall not allow any person other than GETCO's Engineers or their authorized representatives to the work sites. The contractor shall, during working hours, maintain supervisors of sufficient training & experience to supervise the work as a whole. All orders & directions given to such supervisors or other staff shall be deemed to have been given to the contractor. Further the GETCO may by due notice, desire a high ranking member of the supervisor staff of the contractor to be present on any specified inspection & the contractor shall comply with such directions.

16.0 Action & compensation payable in case of Bad Work:

If at any time before the refund of Security Deposit to the Contractor it appears to GETCO's Executive Engineers or subordinate and / or any authorized officer of the GETCO that the work has been executed with unsound, imperfect or unskilled workmanship or with materials of inferior quality or any materials or articles provided by him are unsound or of quality inferior to that contracted as specified in the Technical Specifications or other wise not in accordance with the contract, it shall be lawful for the GETCO to intimate that the works , materials, articles which may have been inadvertently passed, certified & paid to the Contractor. The Contractor shall be bound to rectify or remove & reconstruct the said work so specified at his own charge & cost & in the event of being failure to do so within specified period by the GETCO, the Contractor shall be liable to pay compensation at the rate of 1% per day on the amount of the estimate for the specified work. For the period up to 10 days this shall be attended by the Contractor else the GETCO shall get these rectifications at the risk & expense in all respects of the Contractor.

17.0 Cleaning up:

17.0.1 The contractor shall at all time keep the construction areas & his labour colony & storage areas free from accumulation of waste, or rejected materials.

17.0.2 Prior to the completion of the work the contractor shall remove all rubbish from & about the premises, & tools, tackles, machinery, left out materials consumable, rejected materials, scaffolding etc. which are not the part of the permanent work/structure. The premises will be left fully satisfactorily to the GETCO's Engineers/representatives; thereafter only the completion certificate will be issued.

18.0 Contractor's inventory of equipments & machinery:

The contractor shall prepare & maintain an inventory of all machinery, equipments, temporary rolling stock, and plant purchased or hired for the use of this contract's execution.

18.1 Progress Schedule:

Contractor shall furnish a Construction Schedule on receipt of LOI or Work Order which ever is earlier, in quadruplicate, indicating the date of start, the monthly progress expected to be achieved & anticipated completion of each major items of the work under this contract & procurement of equipments, machinery & other materials. The schedule should be such as is practicable of achievement the whole work in the time limit & of the particular items on due date specified in the contract & shall have the approval of the GETCO's Engineers. Detailed schedules for each working season showing the progress month by month to be achieved is to be submitted to the Board. The GETCO is empowered to ask for more detailed progress schedule week by week for any item or for all items & the contractor shall comply when asked for.

18.2 The GETCO shall have, at all times the right without in any way violating this contract, or forming grounds for claim to alter the order of the works or any part thereof & the contractor shall after receiving such direction proceed in the order directed. The contractor shall revise the progress schedule accordingly & submit to the GETCO in four copies.

18.3 The contractor shall furnish sufficient machinery, equipment, labourers & materials shall work for such hours & shifts as may be necessary to maintain/achieve the progress of the scheduled, after getting written permission of Engineer In Charge.

18.4 The progress schedules shall be in the form of bar charts, statements &/or reports as may be necessary & directed by the GETCO's representatives.

18.5.1 Unsatisfactory Progress: In the case of unsatisfactory progress by the contractor not proceeding as per the Scheduled Programme approved by the GETCO, suitable actions shall be taken in accordance with Clauses No. 3 & 4 of the booklet prescribed by the GETCO for "Tender & Contract for Works".

Recoveries:

Recoveries due from the contractor, up to the end of the month previous to the one in which the bill is prepared shall be made from bills approved for payment every month or at other periods when the bills are prepared, for the enlisted, but not limited to, in the order of priorities & extents.

- (a) Deduction on account of security deposit @2.5% in two parts, in first two RA bills.
- (b) Penalty, if Levi able, Expenditure, in full, incurred by the Board on contractor's behalf in labour, machinery, equipment etc.,
- (c) Charges for services such as water & power supply, etc. in full,
- (d) Hire charges for GETCO's or Government machinery if any,
- (e) Other recoveries not specifically mentioned but recoverable.

19.0 Date of completion:

The contractor shall complete the whole work & hand over to the Board on or before the date specified in the work order.

Provided always that if in the opinion of the GETCO the completion of the works shall be delayed by any change of original design or by the order of the GETCO, of any altered, modified substituted or additional works or materials omitted or by strikes, lock outs or stoppages of labour, or revolution, riots, civil or political disturbance or by the contractor not being given possession of the site or by the GETCO taking possession of & using the site or part thereof or the works or part thereof or any part of the work or delayed supply of material by the GETCO or by the not receiving any orders, drawings, instructions or directions in time or by the suspensions if the works or by fire, flood exceptionally bad weather tempest, storm or by from unforeseen circumstances(& whether the same shall be due to any act or omission of the GETCO or it's representatives) the GETCO may in the unfettered discretion thinks fit either forthwith or at a later time & from time to time notwithstanding that the prescribed or extended time for completion has expired or work have been completed, extend the date for the completion of the works to such a date as deemed fit as practical & acceptable.

20.0 Subletting of contract:

There will be generally no objection on the component parts if the work, being given over to responsible subcontractors but GETCO shall under no circumstances recognize these subcontractors & the responsibility of executing the work in the accordance with the conditions of contract will entirely rest on the main contractor. However written consent of EIC shall be obtained before subletting.

The main contractor will therefore always have the very responsible member, preferably a technical hand present on the works with power to sign all work orders issued on the site of work & to take requisite actions in the interest of efficient execution of work.

21.0 Other contracts for the suspension stoppage or curtailments of work:

If during the pendency of the contract the Engineer shall for any reason (which shall be unquestioned) whatsoever require the whole or any part of the work as specified in the contract to be suspended for any period or shall not require the whole or any part of the work as specified in the contract to be carried out at all by the contractor, he shall give notice in writing of the fact to the contractor who shall thereupon suspend or stop the work totally or partially as the case may be. In any case except as provided hereunder, the contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full but he did not so derive in consequence of the full amount of the work not having being carried out, or on account of any loss that he may be put on account of materials purchased or agreed to be purchased or for unemployment of labour recruited by him. He shall not also have any claim for compensation but reason of any alterations having been made in the original specifications, drawings, designs & instructions that may involve any curtailment of the work as originally contemplated. Where however, materials have already been purchased or agreed to be purchased by the contractor, before receipt of the aforesaid notice, the contractor shall be paid for such materials at the rate determined by the GETCO, provided they would have been useful for the work curtailed or stopped are not in excess of requirements are of approved quality & cannot be used on other contract works or otherwise by the contractor &/or shall be compensated for the loss if any, that he may put to, on respect of materials agreed to be purchased by him, the amount of such compensation to be determined by the GETCO, whose decision shall be final.

The GETCO may order the contractor to suspend any work on account of bad weather; rain or storm & such other adverse climate conditions & the contractor shall comply with the same. The contractor shall not be entitled to any compensation for such suspensions of work.

22.0 Other contractors:

Apart from this work, the other works connected with this work will be simultaneously going on either departmentally or through any other contractors. The contractors shall co-operate with others to their fullest extent & shall allow each other every facility & coordination for the execution of their works simultaneously & satisfactorily, during their action of machinery or execution of any other co-ordination works, the contractor will have to co-operate as directed buy the GETCO's Engineers in the charge of the works. In such cases the contractor shall not be entitled for any compensation on account of reduction or stoppage of labour force / machinery / equipments, etc.

In the matter of dumps, haul, roads, drainage, diversion & the like, each contractor shall take into considerations the needs & the requirements of the other contractors if any working in the vicinity. Further no contractor shall take or cause to be taken any stops or action that may cause disruption, discontent or disturbance to the work, labour arrangements etc. to other contractors. Any action, by any contractor, which the GETCO in the unquestioned discretion may consider as infringement of the above code, would be considered as a breach of the contract conditions & the GETCO may take such action as may deem fit against the contractor & the action taken shall be considered as final & binding.

23.0 Speed of work:

The contractor shall at all times maintain the speed of work to confirm to the latest operative progress schedule but the GETCO may at any time with sufficient notice in writing direct the contractor to slow down or to accelerate any part or the whole work for any reason (which shall not be questioned whatsoever) & the contractor shall comply with such orders of the GETCO. The compliance of such orders shall not entitle the contractor to any claim or compensation.

24.0 Contract document & matters to be treated as confidential:

All documents, correspondence, decision & other matters concerning the contract shall be considered as of confident & restricted nature by the contractor & he shall not divulge or allow access there to any unauthorized persons of any kind.

25.0 Access to the contractor's book:

Whenever it is considered necessary by the GETCO to ascertain the actual cost for execution of any particular item of work, the GETCO may do so by directing the contractor to produce the original invoices.

26.0 Interest on money due to the contractor:

The contractor shall not be entitled to receive the interest on the payment due to him upon measurements or otherwise or on any balance payable to the contractor. Also, contractor shall not be allowed to relate it with the progress of work at site in any case.

27.0 Measurements to be provisional & subject to correction:

Every measurement for running payment on account of work done shall be subject to adjustment or final measurements. In case there is disagreement between such intermediate & final measurements, the latter shall prevail.

28.0 R/A BILLS: The contractor shall submit his R/A bill every month, which shall be processed in reasonable time after checking and recording the MB. The contractor shall be responsible to submit R/A bills well in time and shall depute his representative for joint checking of the measurements; so that the bills can be processed in time. The contractor shall take due care in this regard, failing to which consequences will be up to him.

29.0 Breach on part of Getco not to annul contract:

No breach or non-observance on the part of the GETCO of any the agreements contained herein, shall annul this contract of discharge the contractor from the observance & performance thereof, or of any part thereof, but on application by the contractor & in the unfettered discretion of the GETCO an extension of time may be given to the contractor in respect of such breach or non-observance by the GETCO.

30.0 Labour conditions:

- 30.4 30.1 The contractor shall comply with the labour laws laid as may be current & shall furnish the returns & information as may be specified from time to time.
- 30.5 30.2 The contractor shall as far as possible obtain his requirements of labour, skilled & unskilled from the local areas.
- 30.6 30.3 The contractor shall pay wages as per the latest circulars applicable at the times for the minimum wages to be paid to unskilled, semiskilled & skilled labour prescribed by the Govt. of Gujarat.
- 30.7 The GETCO shall have the authority to remove from the work site any person, who may be considered unfit or undesirable & no responsibility shall be accepted by the GETCO for any delay or extra expense caused towards the completion of the work by such removal.
- 30.8 If Govt. declares a state of scarcity or famine to exist in any village situated within 10 Km. of the work site then the piece worker or contractor shall employ upon such parts of work, as are suitable for unskilled labour any person certified by the GETCO or by any person to whom the GETCO has authorized, & shall pay the minimum wages as fixed by the Govt. of Gujarat in this behalf. Any dispute that may arise in the implementation of the clause the decision of the Supdt. Engineer (civil) shall be final & binding.
- 30.9 The contractor shall provide reasonable facilities to the labour employed by him. The usual facilities are weather proof shelter for rest & meal, supply of whole some drinking water, facilities for obtaining food, reasonable washing & sanitary facilities, special facilities for women workers, suitable residential accommodation, general sanitation & health measures etc.
- 30.10 The implementation of any & all provisions of this clause in no way entitles the contractor to claim in this contract.

31. Local Laws:

- 31.1 All local laws in force at the time entering into the contract & those enacted there after shall be binding on the contractor & he shall abide by the same.
- All import duties, sales tax & other local taxes shall be borne by the contractor & they shall be deemed to have covered by this quoted rate.

32.0 Performa returns:

The contractor shall maintain Performa, charts & details regarding machinery, equipments, materials labour, personnel & other matters as may be specified by the GETCO time to time.

33. Maintenance:

On completion of work satisfactorily, by agency, and after passing of final bill, the Security Deposit will be released by producing No Objection Certificate from concerned GETCO office.

33.0 Insurance:

The contractor shall procure, or arrange for the Subcontractor to procure insurance coverage in amounts approved by the GETCO & sufficient to protect against the following risks arising out of the work.

Accidents & professional & non-professional sickness of all labourers & personnel engaged in the work as required by Law pursuant to Workmen's Compensation Act, 1923 or Revised version thereof.

Injury or death to third parties including without limitation injury or death caused by any of the construction aids or vehicles or rented machinery, equipments used by the contractor or subcontractor whether at the site or elsewhere.

Damage to contractors tools machinery construction equipments form works, scaffolding materials etc. due to floods, earthquake or any such cause.

Damage to the existing permanent structures of the GETCO & nearby villages, equipments of the GETCO or of the co-contractors working in the area for other works.

All the above conditions referred for the insurance cover, shall be in effect from the date of commencement of the work until the GETCO has accepted the work.

In the policies covering the insurances referred to above, the GETCO, contractor & the subcontractor shall be as co-ensured where possible.

The cost of insurance shall be borne by the contractor.

34.0 Liens:

Final payment to the contractor shall not be made until the contractor shall deliver to the GETCO receipts in full in lieu thereof, & in either case, an affidavit that so far he has knowledge or information the releases & materials for which in lien could be filed. If any lien remains unsatisfied after all the payments are made, the contractor shall refund to the GETCO all money that the latter may be compelled to pay in discharging such a lien, including all costs & a reasonable attorney.

35.0 Special conditions:

The successful Bidder, on receipt of Letter of Intent will submit within a week's time his planning/programme of works, for the scrutiny of the GETCO in a PERT/BAR Chart Format, clearly indicating the GETCO's inputs also.

Contractor will plan his work such that the works on all the fronts released by the GETCO, simultaneous works should progress in such a way that the entire job is completed in the scheduled time limit.

The work commencement date will start from the date of issue of letter of intent by the GETCO However interim mile stone to be jointly fixed after issue of LOI.

The successful bidder will have to depute his authorized representative to attend progress review meetings to be held at site or the GETCO's Head Office at Vadodara.

The contractor will be responsible for complying with all rules & regulation & the labour laws applicable to him & the GETCO will not be responsible for any lapses committed by them. If there is any claim from the Govt. Authority pertaining to the contractor the same amount will be deducted from the contractor's bill.

An adhoc payment shall be released @75% against the bill submitted, subject to adjustment in next R/A bill; over and above one R.A. bill in each month.

The contractor shall depute sufficient numbers of qualified engineers / supervisors to look after work. The engineers / supervisors shall remain present at site at all the times. In no circumstances, contractor shall be allowed to continue work without engineering supervision.

36.0 Payments shall be released on the availability of funds with the GETCO.

37.0 Contract:

After the tender has been accepted by the GETCO, all orders or instructions to the Contractor shall, except as herein otherwise provided to, be given by the GETCO's Engineers at site on behalf of the GETCO for the speedy execution of the work.

38.0 Employees Provident Fund:

Bidders shall note that they possess P.F. Code No. in the name of the company [under Employees Provident Fund Organization, Regional Office, Ahmedabad directive] obtained from the concerned Authorities of their respective jurisdictions.

In the event of non-possession of the separate P.F. Code No. as detailed in the foregoing para, the offer shall summarily not be considered for the acceptance despite the offer is the lowest quoted offer in the price bid opening.

**Executive Engineer (TR),
GETCO, Soja.**

I / We accept the above conditions...

Contractor's Representative legible dated signature: _____

Seal of the company

Section I TECHNICAL SPECIFICATIONS:

General Conditions of Contract

1. The contractors shall at their own expense make all necessary provisions for housing, water supply, and sanitary arrangements for their employees as well as for works and shall pay direct to the authorities concerned, all rates and taxes.
2. The contractor shall make their own arrangements for the necessary approach, road, for transport of their materials and be responsible for the compensation on account of damage to crop etc. & shall till completion of work.
3. All the royalty charges, Octroi and other duties & all taxes will be paid by the contractor and no extra be claimed on this account.
4. Godowns or sheds hired or constructed for storing of controlled materials and more particularly of cement shall be such as would prevent the materials from getting damaged in any way.
5. It will be absolutely incumbent on the contractors to have on the site of work only such of the materials as have been duly passed by the Engineer-in-charge. Materials that have been rejected must on no account be allowed to remain on the site, and in spite written order to do so, any such rejected material is on the site beyond a period of 48 hours notice, the Engineer-in-charge shall have the right to remove it, at the risk and cost of the contractors and even to destroy it.
6. It must be distinctly understood that conditions of contract and of claims in respect of extra work, will not be allowed unless the works to which they relate is clearly without the spirit and meaning of the specifications or unless such works are ordered in writing by the Engineer-in-charge and claimed for in specified manner.
7. On completion of work the site shall be cleared by the contractor within the stipulated period, and ground brought to original to state and they shall not be entitled for any extra claim on this account.
8. General Specifications of the relevant Indian standard specification shall also apply.
9. Damage to work clause:
The works whether fully constructed or not and all materials, machinery plant tools, temporary buildings and other things connected there shall be at the risk and in the sole charge of the contractor, until the works have been delivered, completed to the satisfaction of the Engineer-in-charge and certificate from him to the effect is obtained. Until such delivery, the contractor shall at their own cost, take all the precautions reasonably necessary, to keep all the aforesaid works, materials, machinery, plant tools. Temporary buildings and other things connected with the works, free from any loss or damage and in the event of the same or any part thereof being lost or damaged, shall forthwith within the possible speed, reinstate and made good such loss or damage at contractor's own cost.
10. Any components or part of the work shall not be given to any sub-contractor without approval of the competent authority of the GETCO. The whole responsibility of the execution of the work, as per the terms and conditions of the contract, will entirely rest of the main contractor. The main contractor shall always keep his responsible representative, preferably a technical hand, on work site with powers to sign M.R.s. and take necessary decision and implement the instructions issued in the interest of efficient execution of the works.
11. The Engineer-in-charge will fix the hours of work, and no work shall be executed beyond that period, during night time or in absence of the Engineer-in-charge of his authorised agent. The box measures shall be filled only in the presence of the engineer-in-charge or his authorised agent.
12. Contractor will be asked to present the sample of materials, and the approved samples will be preserved at the site of work, and no charge in the approved sample will be allowed, without the written permission of the Engineer-in-charge.
13. In any work is not executed according to the specifications, and the directions of the Engineer-in-charge, the same will be rejected, and the contractor has re execute the same without any financial implication to the GETCO.
14. Contractor will have to communicate the name of his authorized agent, who shall be present on the works, and shall be authorized to sign the material requisitions, receive instruction given verbally or on the order book, on behalf of the contractor.
15. The contractor will have to sign the conditions of contract, and execute the agreements, send the list of previous works executed, solvency certificate and pay up the security deposits, falling to that, the tender will be rejected and earnest money deposited will be forfeited. The value of the stamp paper and stamp duty charges shall be borne by the contractor.

16. Tenderer must return the form of tender, with the specifications and the schedule of quantities, and rates and other schedules only signed on each page. Any tender not bearing signature of the tenderer on all the documents accompanying the tender is liable to be rejected.
17. Before submitting his tender, unit rates, which shall be for the finished work complete, including charges involved in testing, maintenance for a period of 12 months, the tenderer shall closely examine the specifications and carefully study the drawings and all documents, which form a part of the contract, to be entered into by the accepted tenderer.
18. The Tenderer must visit the site of works and see for himself the site conditions regarding water, labour conditions rates approach road during all seasons and all other matters affecting the works before submitting the tender.
19. The submission of tender by a contractor implies that, he has read these instructions, the conditions of contract etc. and has made himself aware of the scope and specifications of the work to be done, and of conditions and rates at which stores will be issued to him, and local conditions and other factors bearing on the executions of the work. The GETCO will not therefore, after acceptance contractor's rate, pay any extra charge for lead or for any other reason. In case the contractor is found later on, to have misjudged the site conditions.
20. The tender document shall be written legibly and free from erasure, over writing or conversions of figures. Correction where unavoidable, shall be made by crossing out, initialing, dating and rewriting.
21. The GETCO or its officers, who accept tender, shall have the right of rejecting all or any of the tenders, and will not be bound to accept the lowest offer nor to assign any reasons whatever, for the rejection of any tender or all tenders.
22. The tender notice to tenderers shall form a part of the contract.
23. The entire work is to be completed, within the stipulated time limit from the date of issue of letter for commencement of the work by field office. The contractor will not be eligible for any extra for the idle period of works, or waiting period that may be required to suit other consideration, and no claims for compensations on account of such, will be considered. However in case of delay due to circumstances beyond the control of contractors, either in date of commencement or due to, waiting during construction, extension in time may be considered for completion of works, without any penalty to the GETCO.
24. The contractor shall keep full time qualified Civil Engineers at the site, who shall be fully authorized to receive and comply with such instructions, as given by the Executive engineer. The name of such Engineer with his qualifications and experience shall be intimated by the contractor. The Executive Engineer shall have the right to demand the removal of any technical personnel, skilled or unskilled workmen, who in his opinion are considered to cause bad workmanship in the execution of works or to cause indiscipline.
25. The department reserves the right to make any change in the design and the plans of the works and the contractor shall be bound to carry out them at the rates tendered. No claim or compensation will be allowed on this account.
26. Bills shall be submitted by the contractor monthly on or before the date fixed by the Executive Engineer, for all works executed in the previous months.
27. Should this tender be accepted I /We hereby agree to abide by and fulfill all the terms and provisions of the "Tender & contract for works" as applicable, and in default thereof to forfeit and pay to the GETCO the sums of money due.
28. The contractor shall keep instruction book on site, for taking site instruction from time to time. This book shall be made available on site whenever asked for.
29. The contractor shall pay wage to the workers, as per minimum wages act as declared by the Government time to time.
30. The contractor shall follow all labour laws of Govt.
31. Contractor shall arrange for testing of material to be used in the work or finished product, if desired by the Executive Engineer. The provision shall be made in the unit rate quoted for this.
32. The full value of the "Earnest Money Deposit" paid herewith, shall be forfeited to the GETCO, if the contractor fails to deposit the full amount of specified security deposit, within stipulated time.
- 33. CEMENT CONSUMPTION SCHEDULE**

The proportion of cement with coarse aggregate and the fine aggregate for cement concrete works & with sand in case of cement mortar will be in accordance with the under mentioned schedule showing the consumption of cement in bags. The Engineer-in-charge will adjust the proportion of cement irrespective of the mix mentioned in the description of the items, to ensure the consumption of the cement as per

prescribed schedule. The tendered rate will be considered to have been based on the consumption of cement in this schedule and nothing extra will be paid on this account.

- a. If the quantity of cement shown as utilized in the work, is observed to be less than permitted as below then work will be accepted at reduce rate at the discretion of EIC, if deemed fit.

Table showing the cement required to be consumed in civil work items.

Sr. No.	Item Description	Unit	Cement to be consumed in Bags
1.	Masonry Works a. B.B. Masonry in C.M. 1:6. b. U.C.R. Masonry in C.M. 1:6 c. U.C.R. with pointing in C.M. 1: 2 d. 115 mm thick B. B. Partition in C.M. 1:4 e. –do- but with both sides plaster in C.M. : 1:3;12 mm thick.	1 CMT 1 CMT 1 CMT 1 SMT 1 SMT	1.40 1.70 2.00 0.20 0.46
2.	Cement Concrete works without finishing a. C.C. 1:1 ½ : 3 b. C. C. 1 : 2 : 4 c. C.C. 1 : 3 : 6 d. C.C. 1 : 4 : 8 e. C.C. 1 : 5 : 10	1 CMT 1 CMT 1 CMT 1 CMT 1 CMT	8.12 6.27 4.42 3.00 2.47
3.	Flooring a. 25 mm thick I.P.S. in C.C. 1:2:4 b. –do- 40 mm thick c. –do- 50 mm thick d. –do- 75 mm thick e. –do- 100 mm thick f. Cement for fixing marble Mosaic Tiles g. –do- White glazed tiles with 12 mm thick coating cement plaster for leveling. h. Terrazzo floor finishing 20 mm thick with 12 mm thick back coating cement plaster. i. Kotah stone flooring	1 SMT 1 SMT 1 SMT 1 SMT 1 SMT 1 SMT 1 SMT 1 SMT 1 SMT	0.25 0.35 0.45 0.60 0.75 0.13 0.25 0.25 0.20
4.	Bedding Below Flooring a. 110 mm thick C. C. 1 : 4 : 8 b. – do – C. C. 1 : 5 : 10	1 SMT 1 SMT	0.35 0.28
5.	Plastering & Pointing a. 12 mm thick C.P. in C.M. 1 : 3 b. 20 mm thick C.P. in C.M. 1:3 c. 20 mm thick sand faced in two layers. d. Cement Pointing 1 : 1	1 SMT 1 SMT 1 SMT 1 SMT	0.13 0.19 0.20 0.07
6.	Ground Sink 750 x 750 mm with dwarf wall 115 mm thick 40 mm IPS with 110mm. thick 1: 5: 10 bedding,	1 No.	0.75
7.	a. RCC water tank 1000 liter. (1.2x1.2x0.9M with free board) b. – do – size (2x2x0.9 M with free board) (3000 Liters)	1 No 1 No.	6.50 13.00
8.	Kitchen Platform with 75 mm thick slab with 2 partitions with 12 mm smooth plaster. a. Size 2000 x 675 mm b. Size 3000 x 675 mm	1 No. 1 No.	1.50 2.50
9.	a. 75 mm quarter round vata in C.M. 1:2. b. 100 mm – do – c. 150 mm – do –	100 RMT 100 RMT 100 RMT	4.00 5.00 7.00

10.	Fixing W.C. Pan	1 No.	0.50
11.	a. Gully trap with chamber or 300x300mm. b. Nahni trap	1 No. 1 No.	0.75 0.05
12	50mm thick RCC shelf in C.C. 1:1 ½ : 3	1 SMT	0.60
13	- do - precast cover 300 mm, wide 50 mm thick with smooth finishing on all sides.	1 RMT 1 SMT	0.16 0.60
14	Manhole chambers with 230 mm, thick masonry in C.M. 1:6 and depth up to av. 1000 mm incl. cement plaster in C.M. 1:3 inside, top and outside up to 150 mm depth. a. Size 900 x 450 mm b. Size 600 x 450 mm c. Size 600 x 600 mm d. Size 900 x 900 mm e. Size 450 x 450 mm f. Size 300 x 300 mm with 110 mm partition wall.	1 No. 1 No. 1 No. 1 No. 1 No. 1 No.	2.50 2.00 2.25 3.70 1.25 0.75
15	RCC hume pipe with filling joints in C.M. 1:1 and bed concrete 1:4:8 below joints 150 mm. thick a. 750 mm Dia b. 650 mm Dia c. 450 mm Dia d. 300 mm Dia e. 225 mm Dia f. 150 mm Dia	1 RMT 1 RMT 1 RMT 1 RMT 1 RMT 1 RMT	0.45 0.35 0.24 0.16 0.12 0.08
16.	Porcelain Pipes (S.W.G. Pipes) a. 100 mm Dia b. 150 mm Dia.	1 RMT 1 RMT	0.06 0.08
17	150 mm Dia half round gutter in C.C. 1:3:6	1 RMT	0.15
18	2500 mm Dia x 300 mm deep of hollow masonry in C.M. 1:6 with C.C. 1:4:8 bedding & RCC slab cover, for soak pit.	1 No.	21 bags.

Note:(1)Consumption figures mentioned against each item is for theoretical consumption. This consumption may vary $\pm 5\%$

(2) In the case of plaster to masonry walls, an extra quantity of 1 Cft to mortar for every 100 sq. ft. of area may be allowed at the discretion of EIC.

General: Please refer latest edition of relevant Indian Standard Specification of Code i.e. B.I.S.

General relevant I.S. of B.I.S. shall prevail for all items including materials, measurements etc.

The Item wise detailed specifications are intended for full description of items covered by Schedule "B". The specifications are not however intended to cover every detail and the works shall be executed according to the spirit of the specifications below and the best prevailing P.W.D. practice. The clarification to any clause in detailed specifications shall be sought from the latest edition of relevant I.S. specification and codes. Where these specifications are at variance with the specification laid down in the I.S. Books stated above, the former will be applicable. As regarded matters not covered by any of the above specification, the decision of the Executive Engineer-in-charge shall be treated as final and shall be binding upon the contractor. The contractor is expected to get clarified any doubt about specification, etc. before tendering by discussing with Executive Engineer.

GENERAL:

A. CONCRETE

I PROPORTION :

The Proportion of fine, coarse aggregates and cement shall be as specified in item of tender where nominal mix is to be used. Proportion of material shall be carried out such that the proportion of materials is readily verifiable. Material must be measured in boxes of steel or wooden, approved by EIC. Box to be used for which aggregate, its size etc. shall be clearly marked on box. No ramming of boxes will be permitted.

Slight variation in proportion for technical requirement will have to be carried out without any extra cost. Boxes shall be filled in presence of authorized agent of GETCO and work shall be carried out during working hours fixed by GETCO or approved by Engineer-in-charge.

Where strength of concrete is specified instead of nominal mix, contractor will have design mix for the specified strength as provided in IS code for design mix. Proportion shall be used on weight of ingredients of concrete using specified size of the coarse aggregate in item. If ordered, contractor will have to get economical design from Gujarat Engineering Research Institute or other approved institution.

Where permitted, in case of small works, proportional of weight basis can be converted to volumetric for use at site with maintaining same quality of aggregates as used in designing the mix. Design mix shall be got approved and minimum cement if specified shall have to be used.

Any change in source of aggregate will require redesigning of the concrete mix.

The engineer shall have right to inspect the source of materials used and contractor will have to arrange for testing of material, if ordered, without any extra cost.

II MATERIALS :

Coarse aggregate & fine aggregate i.e. black Trap metal, Grit, sand etc. shall confirm to IS 353 for aggregate from natural source. Aggregates shall be strong, hard, durable, free from foreign materials and adherence. If found necessary, contractor shall have to arrange testing of aggregate according to IS 2386 & IS 576.

Coarse aggregate shall be of specified size in the item viz 40 mm, 20 mm, 10 mm etc. Where gradation is to be done in mix design, it shall be properly graded. Coarse aggregates shall be free from mica, shale etc. The pieces shall be angular in shape having granular or crystalline surface, triangular, flaky & laminated should not be used. If ordered by Engineer-in-charge, aggregates shall have to be screened or washed. Samples of coarse aggregates to be used shall be got approved and source of approved quality material shall not be changed without prior approval.

Sand shall be clean river sand of quality approved as per IS confirming to gradation zones. Sand shall have fineness modulus of not less than 2.2 or more than 3.2.

When sufficient quantity of aggregates are to be collected, they shall be stacked separately in piles to avoid inter mixing. Mixing of earth, organic materials and other foreign materials shall be avoided. Rakers shall be used for lifting of coarse aggregates. Coarse aggregate having specific gravity of less than 2.6 shall not be used.

Cement shall be ordinary Portland cement unless otherwise specifically specified. One bag of cement is considered 50 kg. of cement. If cement is to be procured by contractor from outside, certified report that cement confirms to the provision of I.S. shall be furnished if demanded. If necessary, testing will have to be carried out, in approved laboratory without any extra cost. For compressive strength and initial setting time test as per I.S.456.

Water to be used for mixing and curing shall be potable water free injurious and deleterious materials confirming to IS 3025, proper storing facility at site shall be provided by contractor and see that water do not get contaminated – The suitability of water for making concrete shall be ascertained. Water shall confirm to the test as given in I.S.3025.

(III) MIXING

Ingredients i.e. cement, sand and coarse aggregates shall be measured by weigh batcher or volumetric boxes as specified or approved. Boxes for each component shall be prepared for such quantity that will be required for one bag of cement.

All ingredients shall be mixed in mechanical mixer. Ingredients shall be first mixed dry for 1 minute and then required quantity of water is added as per design and mixed for minimum 1 ½ minutes till concrete is uniform. Entire concrete in the mixing drum shall be discharged in pre operation before raw materials for second batch is feed into the drum.

Concrete which can be laid before initial setting time of cement shall be prepared. Party set or tempered concrete shall not be used. Mixer machine, weigh batcher etc. shall be cleared after completion of work. Mechanical mixture shall comply to I.S.1791.

For checking consistency and workability of concrete, slump test shall be carried out as per IS 1199 if desired by Engineer-in-charge.

(IV) LAYING

Before laying of concrete, shuttering and reinforcement shall be got checked. Where inserts are to be provided, they shall be fixed properly at places shown. Concrete shall be laid on cleaned surface. Concrete shall be laid such that ingredients do not get separated and on segregation of concrete is caused. Concrete

shall be consolidated properly with vibrators or other approved method according to the requirement of jobs. Joints in concrete shall be left as shown or as directed by Engineer-in-charge. Where concrete is to be place from height, necessary chute shall be provided.

(V) CURING

Concrete work shall be cured for minimum period of 15 days. Horizontal surface shall be cured by ponding and vertical surface shall be kept wet by tying gunny cloth or gunny bags and keeping them wet by spraying or sprinkling water. Where structure is at higher-level contractor shall arrange for pumping arrangement for water. Watertight sump may be prepared on site or storing of water for curing and other uses.

Curing is important for gaining strength of cement structure. Hence full proof arrangement is required to be made. If curing is found sufficient, the same shall be arranged by department as risk and cost of contractor and charges as per rules shall be recovered from contractor's bills.

(IV) FINISHING

Concrete work where specified in item as exposed surface shall be plastered 12mm thick in CM 1:3 as per specifications of plastering item. Any finishing required to make surface in level of flush to adjoining surface shall be made by contractor with mortar specified portion of concrete. Cement required to plastering of finishing shall be drawn separately. In plastering of slab bottom, chhajjas etc. wherever patta, groove, bend etc. are shown same shall be executed in this item without any extra cost. Where slopes is to be given for drainage and is not provided properly will have to be done without any extra cost. Edges of beam, pillars, etc. where chamfering is shown or instructed shall be done without extra cost.

If concrete surface is found honey combed and same is rejected by Executive Engineer, it shall have to be dismantled and recasted by contractor without any extra cost at his risk and cost.

(VII) SHUTTERING :

The form work shall be rigid, sufficiently strong and well anchored to bear the load which it has to take without any distortion. It shall be backed sufficient so as not to budge of twist. Form work shall be of steel plates or plywood. Where exposed surface is desired, plywood shuttering will have to be provided. All surface coming in contact with concrete shall be applied with shuttering oil after cleaning properly. Props supporting from work shall rest on pucca platform. Adjustment of height shall be done with wooden wedges. Spacing of props shall be as instructed by Engineer-in-charge of work.

Form work shall be got checked from the Executive Engineer or his authorized agent and on clearance only, further work should be done. Necessary opening, in form work, for providing hooks, kada or other inserts will have to be made by contractor, as instructed, without any extra cost.

Removal of from work shall be carried out slowly and at the specified period as under. In case it is ordered to contractor to keep for more period, considering quality of cement or other factors, same will have to be done by contractor. Minimum period of deshuttering shall be as under.

1. Vertical surface 24 hours.
2. Slab upto 4.5M span 8 days
More than 4.5M span 14 days
3. Beam soffits (bottom) 20 days

Removal of shuttering shall be done only on getting clearance from Ex. Engr. in change of work.

Various IS. specifications for scaffolding materials and code of practice shall be followed.

(VIII) MEASUREMENT & PAYMENTS :

Unless otherwise specified separately, item of concrete work shall be inclusive of shuttering work required for the same with scaffolding, ladders etc., No separate payment should be made for keeping holes, pockets, keeping inserts in position etc.

Payment of concrete work shall be made on Cu. Mt. basis. No deduction will be made for reinforcements, opening of less than 1/20 Sq. Mt. in area where measurement is in sq.m. and 1/150 cu.m. where concrete is to be measured in CU. M.

Rate quoted for the item shall be inclusive of all materials, ingredients, labour, mixer & other machinery, shuttering, scaffolding, laying in position and fixing of all inserts curing other requirements for the complete execution of item.

B. WATER SUPPLY

G.I. piping

G.I. pipe to be used for water supply shall be of class 'c' conforming to I.S. Specifications. It shall be fixed with suitable clamps, for concealing with necessary groove in wall and finishing with C.M. When pipe is to be laid underground necessary excavation shall be done to level required. Pipe shall be given 3 coats of coal tar. For joining pipes specials of approved quality (extra thick) shall be used. If item provide painting of pipe same shall be painted with approved brand quality and tint enamel paint. All specials shall be provided as instructed/.

Skilled plumber shall be employed on job. Pipes shall be laid as per detailed drawings or as directed on site. Generally shortest route shall be followed. At connection of pipe with special, joint shall be made water tight with hemp rope and zinc white or taflon tape.

On completion of laying of pipe and before sealing of concealed pipe and underground pipe, leak proof test shall be given.

All the piping work shall be measured in running meter and rate quoted shall be inclusive of all special required and all operations required for cutting, threading, joining, excavation, making groove in wall, sealing grout, backfilling, providing clamps with screws, painting etc. complete.

C. WOOD WORK GENERAL FOR DOORS WINDOWS, CUP BOARD etc.

The timber shall be of best quality Bulsari teak or equivalent teak approved by Executive Engineer.

Decision of Executive Engineer in this connection will be final. If desired by Executive Engineer, contractor shall have to arrange testing of wood samples selected by department at random, in the laboratory as instructed by department. Sample of wood approved shall be preserved and contractor shall procure wood of the approved quality only. The source of wood shall be informed to the Engineer-in-charge.

The timber to be used for wood work shall be well seasoned, closed grains, uniform texture, free from knots, rots, soft, cracks, mend, spongy spots etc. The size of frame and all members shall be final size after planning and finishing. Undersized wooden members shall not be accepted. Wood of inferior quality, undersize shall be liable to rejection.

When frames or other members are ready they shall be got checked from Engineer-in-charge and got approved for quality and workmanship. Primer coat of paint shall be applied only after clearance by Engineer-in-charge. If the wooden members are found warped, shrunk or with bad workmanship within guarantee period, the same shall have to be replaced by contractor without any extra cost and to the satisfaction of engineer-in-charge.

Before fixing, the frame of door it shall be provided with six nos. M.S. flat 37mm x 6mm and 300 mm long hold fasts fixed to the frame, with screws as directed. Hold fast shall be with split end and bent at right angle to hold fast. Holes shall be provided at other end of hold fast for fixing of screws. Sample of holdfast shall be got approved from Engineer-in-charge. Windows and cupboard shall be provided with 4 Nos. or 2 Nos. of hold fast according to the size of frame and as instructed by Engineer-in-charge in addition to horns projecting minimum 75 mm on both sides of top & bottom members. The side of frame to be embedded in the wall or in touch with wall or floor, shall be applied uniform thick coat of coal tar. The frame shall be rebated on one side (or both sides) 12 mm deep and of full thickness of shutter and to have a return bead on the other to be chamfered or rounded as directed by Engineer-in-charge. Wherever M.S. Bars of 16 mm diameter are specified in frame as grill in windows or ventilator, they shall be provided at 100 mm c/c and shall be locked in frame for minimum 40mm deep. If M.S. flat is to be provided the flat of size 50 x 10 mm, 1 or 2 Nos. as specified, they shall be provided.

Shutters

The thickness of shutter and members of shutter frame shall be as per details given in drawing or supplied at site. Size specified shall be after planning & finishing without painting. Where single plank is specified single plank shall be used. The joint shall be tongue and groove joint. Shutter shall be single or double shutter as per drawing and details given or as directed at site. For paneled doors the panel to be raised feather tongued into stile and rails with beaded edges on both sides. Thickness of styles & rails shall be 37 mm and that of panel shall be 30 mm. The arrangement of panels shall be as directed by the Engineer-in-charge and his decision will be final. The shutter styles, top, bottom, lock and frieze rods to be molded on both sides. The sample of shutter shall be got approved before taking work on full scale. Size of bottom, top & lock rail and ledges shall be as instructed by Engineer-in-charge.

Joints :

All jointing shall be brought on all faces and finished off by hand with sand paper with slightly rounded areises.

The joints shall be pinned with hard wood pins and put together with fevicol. Joining shall be by means of mortise and tennon or dovetailed joints as approved. Any joinery work, which shall split, fracture, shrink or shows flap or other defects shall be removed and replaced with sound material at the contractor's expenses.

Fixtures and fastening :

Oxidized iron, brass or aluminum fixtures as specified in item shall be provided in best workmanship, maintain level and line with approved quality and size screws. Screw shall be never hammered but driven with screwdriver. The fixture to be used shall be got approved first and approved samples of all fixtures shall be kept on site easily available for inspection.

1. For main door.

- | | | |
|----|---|----------|
| 1. | 300 mm long 16 mm dia aldrop | 1 No. |
| 2. | 300 mm long flat latch. | 1 No. |
| 3. | 100 mm long but hinges or 150 mm long or suitable parliamentary hinges. | 3 Pairs. |
| 4. | 150 mm long tower bolts. | 2 Nos. |
| 5. | 100 mm long handles (150 mm long). | 2 Nos. |
| 6. | Door catchers | 2 Nos. |
| 7. | Magic eye. | 1 Nos. |

2. Internal door.

- | | | |
|----|--|----------|
| 1. | 250 mm long 16 mm dia aldrop | 1 No. |
| 2. | 250 mm long flat latch. | 1 No. |
| 3. | 100 mm butt or 150 mm hinges or suitable Parliamentary hinges. | 3 Pairs. |
| 4. | 100 mm long tower bolts. | 2 Nos. |
| 5. | 100 mm long handles 150 mm long. | 2 Nos. |
| 6. | Door catchers | 2 Nos. |

For bath & door 16 mm dia 250 mm long aldrop and one handle on both sides shall be provided.

3. Windows

- | | | |
|----|---|--------------------------|
| 1. | 75 mm long butt hinges or parliamentary hinges | 2 to 3 pair as per size. |
| 2. | 100 mm tower bolts | 4 Nos. |
| 3. | 100 mm handles. | 2 Nos. |
| 4. | 150 mm hook eye or stopper of approved quality. | 2 Nos. |

4. Ventilator.

- | | | |
|----|-----------------------|--------|
| 1. | 75 mm butt hinges. | 1 Pair |
| 2. | 100 mm tower bolts. | 1 Nos. |
| 3. | 150 mm long hook eye. | 2 Nos. |

5. Cupboard.

- | | | |
|----|------------------------|----------|
| 1. | 75 mm long butt hinges | 2 Pairs. |
| 2. | 100 mm handles | 2 Nos. |
| 3. | 100 mm tower bolt. | 2 Nos. |
| 4. | Pivot. | 2 Nos. |
| 5. | Ball catcher. | 1 No. |

The Nos. of fixtures shown above is for general arrangement but in case some change is felt necessary on site it shall be made by Executive Engineer on site and shall be binding to the contractor.

Glazing :

For all glazing of doors, windows, ventilators and cupboards all glasses shall be of best quality free from bubbles, smoke wanes, air hole, specks and other defect. Sheet glass, ground for clear as approved and instructed shall be of 3 mm thickness. The glasses shall be fixed with wire nails and putty of best quality or wooden bead of required size to flush with style or sash bar etc. The putty and the wooden battens should be finished with 3 coats of oil paints matching with other paint of doors, windows and ventilators. At the time of handing over the glazing work shall be intact. Any damage shall have to be replaced by the contractor without any extra cost.

Erection :

All doors, windows, ventilators, cupboards shall be erected in line, level and in one plane to the elevation shown in the drawing or directed by Engineer in charge at site.

Painting :

All doors, windows, ventilators, cupboard shall be given 3 coats of approved quality, brand and shade of oil paint. Each coat of paint shall be allowed to dry thoroughly before next coat is applied. The work shall not show any brush marks, ridges or drops of paint and no puddles in the corner of panels or molding etc., shall be left.

Measurement :

For payment purpose of doors, windows, ventilators and cupboards, measurement will be paid outside to outside of the frame in square meter basis.

D. GRILL/FABRICATION/RAILING

General

All workmanship and finish shall be of first class quality, in all respects and shall confirm to the best accepted standards of practice. Finish surface should not have any defect. The greatest accuracy shall be observed to see that all parts properly fit with each other on erection.

Before cutting & fabrication work is taken up, it is necessary, to see that if any twisting, bending etc. is there, the same is removed and made straight or in plane. The process to be adopted shall be such that original material is not injured.

Members shall be fabricated on site or in workshop, as approved, by Engineer in charge. Allowance for camber shall be made in case of truss etc. similarly in tension member and compression members. IS standards shall be followed. Based on design and/or detailed drawings, cutting schedule with no, of members shall be prepared and got approved from competent authority. Shearing machine or gas cutting may be adopted as approved.

All holes to be drilled shall be marked on members and drilled after proper checking. If necessary, a template shall be made for this. All holes shall be perpendicular to the face of the member and 1/6" larger than the nominal size of rivet or bolt. All holes shall be so drilled and reamed that more than 85% of continuous holes in any group in same plane shall not show any offset greater than 1/32" between adjacent thickness of metal. Burns, resulting from reaming or drilling, shall be removed with a tool making 1/16" bored.

All welding shall be done with electric arc method. Welding electrodes shall be heavily coated type designed for all position. The size, type and manufacturer of electrodes shall be subject to approval of Engineer. Electrodes and welding work shall be as per I. S. standards.

All the cutting and needed surface shall be properly grinded with electric grinder. Fabricated members shall be joined either by welding or by rivets or nut & bolt arrangement as specified or shown on drawing or instructed. One assembled shall be got approved for alignment, riveting, welding etc. For bolted joints necessary washers shall be provided as shown in the drawing or as instructed on site.

Fabricated structure shall be given one shop coat of red oxide. Erection of the structure shall be done by approved method. Care shall be taken during erection so that no accident occurs. All the workers shall be provided with safety belts, helmets etc, during working.

Care shall be taken to see that no damage is done to the members during transportation of fabricated/assembled structure. Contractor shall provide necessary derricks, gantry, scaffolding and staging, inflammable etc. for erection work, No. gas cutting shall be allowed for the widening of holes when it is not matching. It shall be drilled.

After erection of structure one more coat of red oxide and 2 coats of approved oil painting should be provided to the structure. Paint to be applied shall be got approved for brand, quality, tint etc. If desired test shall have to be carried out for welded joints. IS 816 shall be followed for general construction in mild steel. Bolts shall be confirm to IS 1363 & IS 1364. Electrodes shall confirm to IS 814.

**Executive Engineer (TR)
GETCO, SOJA.**

I/We accept the above conditions...

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company, Date & place: _____

Gujarat Energy Transmission Corporation Ltd

APPENDIX –I

TENDERER'S EXPERIENCE

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

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

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company

Date & place:

Executive Engineer (TR)
GETCO, SOJA.

Signature of the Contractor
(With rubber stamp & Date)

Gujarat Energy Transmission Corporation Ltd

APPENDIX – II

WORKS TENDERED / IN HAND

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

Sr. No.	Name of Work with its Location & Address	Work in hand			Work tendered for			Rem- arks
		Tender Cost	Cost of Remain- ing work	Anticipated Date of Completion	Estimated Cost	Date when decision Is Expected	Stipulated Date or period Of Completion	
1	2	3	4	5	6	7	8	9

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company: Date & place _____

**Executive Engineer (TR)
GETCO, SOJA.**

**Signature of the Contractor
(With rubber stamp & Date)**

Gujarat Energy Transmission Corporation Ltd

APPENDIX-III

TENDERER'S DETAILS OF PERSONNEL

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

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

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company

Date & place: _____

Executive Engineer (TR)
GETCO, SOJA.

Signature of the Contractor
(With rubber stamp & Date)

GUJRAT ENERGY TRANSMISSION CORPORATION LTD

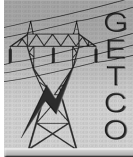
Name of work :- Construction of Breaker foundations at 400 KV Soja s/s, Ta-Kalol
Dist:Gandhinagar.

COMPLETION PERIOD.

Sr. No.	Description of work	Period of working month from date of commencement
1	Replacement of 400 & 220KV Breaker foundations at 400 KV Soja s/s, Ta-Kalol Dist:Gandhinagar. (As Per Schedule : B)	3- Months

Signature of the Contractor
(With rubber stamp & Date)

Executive Engineer (TR)
GETCO, SOJA.



GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

400 KV Sub Station, SOJA – 382 735.

Telephone No.:(02764) 289540 / 289537

Fax No.:(0264) 289537 Nivida No:-

web site: getcogujarat.com

e-mail: eegetcosoja@yahoo.co.in

TENDER NOTICE **STD-10 (PRICE BID)**

Sealed rate tenders are invited for the work of Painting & Misc.Civil works in Type-4 Quarter(1985) at 400kv Soja colony..Offer shall be submitted in two parts, (1) Technical bid in sealed cover & (2) Price bid in separate cover duly mention with tender no. Technical bid & price bid shall be submitted in separate cover duly sealed. These two sealed covers shall be further put in one envelope and duly sealed

- 1. NAME OF WORK: Construction of Breaker foundations at 400 KV Soja s/s,
Ta-Kalol Dist:Gandhinagar.**
- 2. ESTIMATED COST : Rs. 12,46,913=00**
- 3. EARNEST MONEY : Rs. 12470 =00**
- 4. SECURITY DEPOSIT : 5% OF CONTRACT VALUE.**
- 5. LAST DATE OF ISSUE : _____ UP TO 14.00 HRS.
OF TENDER**
- 6. LAST DATE OF RECEIPT : -----UP TO 14.00 HRS. BY. RPAD ONLY.
OF TENDER.**
- 7. DATE OF OPENING OF : -----AT 15.00 HRS (IF POSSIBLE)
TENDER.**
- 8. PRICE OF TENDER. : RS. 1250 =00**
- 9. TIME LIMIT. : 3 Months.**

Earnest money will be accepted by demand draft only of any schedule bank payable at , Kalol, in favor of Gujarat Energy Transmission Corporation Ltd., The undersigned reserve the right to reject any or all the tender without assigning any reason.

ISSUED TO:-

TENDER FEE PAID VIDE RECEIPT NO. _____, DATE _____.

**E M D D.D. NO. _____ DT _____ EXECUTIVE ENGINEER. (TR.)
OF BANK. _____ GETCO, SOJA**

NOTE:

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

We have read and clearly understood the terms, conditions, Schedule 'B' and Technical specifications put by GETCO on WEB site.

I/We hereby accept all the conditions and specifications of this tender document, and accordingly, I/We am/are willing to carry out the work at _____% (in words _____percentage) above/below the estimated cost. Accordingly the total amount of my/our tender works out to Rs. _____
(Rupees _____)

DY. ENGINEER (TR)
GETCO, SOJA

SIGNATURE OF CONTRACTOR.
(With rubber stamp/seal of the company)

EXECUTIVE ENGINEER (TR)
GETCO, SOJA

Gujarat Energy Transmission Corporation Limited



Transmission Division, 400 KV Sub Station, **SOJA- 382735**

(Dist.Gandhinagar Ta. Kalol North Gujarat)

TeleFax No.(02764)289537 [O] / 289540 [CR]

(Regd. Office : Vidyut Bhavan, Race course, Vadodara-7)

Email: eeetrsoja.getco@gebmil.com; eegetcosoja@yahoo.co.in

Web site: www.getco Gujarat.com

SCHEDULE - "B "

Name of work: Replacement of 400 & 220KV Breaker foundations at 400 KV Soja s/s,
Ta-Kalol Dist:Gandhinagar

Sr.	Description	Qty.	Unit	Rate	Amount
1	Dismentling of RCC of existing foundation etc. complete as directed by E.I.C.	75.00	CMT	600.00	45000.00
2	Dismentling of Brick masonry of cable trench etc. complete as directed by E.I.C.	5.00	CMT	171.00	855.00
3	Excavation for foundation in trenches up to 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 200meter lead for hard or dense soil	180.00	CMT	76.00	13680.00
4	Excavation for foundation in trenches from 1.5m to 3.00depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 200meter lead for hard or dense soil	47.00	CMT	84.00	3948.00
5	Filling in plinth/trenches & yard with earth in 150mm, thick layers including watering, ramming, consolidating etc., complete as directed by EIC. - Excavated earth from foundation. The item rate includes all leads & lifts.	60.00	CMT	39.00	2340.00
6	Providing brick masonry in foundation and up to plinth in C.M. (1:6) including racking out joints up to 12mm depth, scaffolding, curing, filling up the gaps between the joints complete as directed by E.I.C. Up to PLINTH.	5.00	CMT	2524.00	12620.00
7	Providing and laying cement concrete 1:4:8 (1 Cement : 4Course sand : 8 black crushed stone aggregate 40mm nominal size) and curing complete- Foundation and plinth.	13.00	CMT	2415.00	31395.00

8	Providing & laying control cement concrete M-20 as per mix design exposed work with curing etc. complete including the cost of ply wood / steel sheathing form work & adjustable tubular steel supports / Props.but excluding the cost of reinforcement. G.F+F.F+Stair Cabin for Footing	150.00	CMT	4176.00	626400.00
9	Providing Thermo Mechanically treated bars (TMT bars) confirmed to IS 1786 FE 415 for RCC work including bending, binding and placing in position etc. completed for RCC work.	7500.00	KG.	48.00	360000.00
10	Providing & placing 50mm thick & 300mm wide prestressed concrete cover (for clear span of up to 1.2 meter in proportion (1:1:5:3) or M-20 necessary reinforcement or 4mm dia HT steel wire-4 Nos. bars and 4mm dia. distribution bars at 150 mm C/C as per drawing & design including providing necessary M.S. bar hooks for lifting arrangement & vibrating with vibrators. Finishing all the surfaces, curing by placing in water pond for ten days etc. complete as directed by E.I.C. (The rate includes cost of all material required, labour charges, transportation, loading, unloading etc.	45.00	SMT	598.00	26910.00
11	Providing 15mm thick cement plaster single coat on masonry /bela/concrete wall/ceiling for plastering up to any floor level finished even and smooth in cement mortar 1:3 (1 Cement : 3 sand) finished with floating coat of neat cement slurry .	100.00	SMT	140.00	14000.00
12	Providing white washing with lime on wall surfaces (two coats) to give and even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	100.00	SMT	5.00	500.00
13	Providing and fabricating and placing approved quality steel work welded in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint and 3 coats of oil painting of approved shade & make. rate includes the erection of angle post for CL fencing :-(A) In beams and joints channels angles, tees, flats with connecting cleats as in main and cross beams, hip and jack rafters,	700.00	KG.	53.00	37100.00

	purloins connected to common rafters etc..				
14	Setting of template & foundation bolts in line and level before concreting of foundation and making arrangement of fixing template in such a way as it remains in position during concrete etc. comp. as directed by EIC.	19.00	NO.	55.00	1045.00
15	Providing form work of ordinary timber planking so as to give a rough finish including centering. Shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not ex-exceeding 4M. And removal of the same for in including reinforced concrete and plain concrete work in :	635.00	SMT	112.00	71120.00
			TOTAL:		1246913.00

I / We am / are willing to carry out the above work at _____%
(In words _____%) below / above the estimated rates.

**STAMP & SIGNATURE OF THE CONTRACTOR
(TR)**

**EXECUTIVE ENGINEER
GETCO (TR), SOJA.**