

Save Energy for Benefit of Self and Nation

UGVCL
Uttar Gujarat Vij Company Ltd.



PR NO	351399
RFQ NO	48252

ADVERTISED TENDER 65/2018

TO,
M/s _____

Name of Work : PROVIDING AND FIXING OF ECO FRIENDLY MAINTENANCE FREE
EARTHING FOR XMER UNDER VARIOUS S/DN IN DDUGJY SCHEME
UNDER MEHSANA DO.

Estimate cost.	Rs. 990000.00
Earnest Money.	Rs. 10000.00
Security Deposit.	Rs. 50000.00
Last date of issue of tender / EMD	Date: - 24.05.18 On 15.00 Hrs.
Last date of receipt of tender at	Date :- 24.05.18 On 15.00 Hrs.
Date of opening the tender at	Date: - 29.05.18 On 15.00 Hrs. (If Possible)
Type of tender	Item Rate.
Tender Fee (GST extra)	Rs. 500.00 + 90.00 = 590.00
Time Limit.	90 Days

Earnest money deposit will be accepted in cash or by demand draft on any schedule bank at MEHSANA in favour of UTTAR GUJARAT VIJ COMPANY LIMITED, cheques or Bank guarantee will not be accepted.

Tender received through RPAD will be accepted.

SUPDT.ACCTT.
UGVCL, DO, MEHSANA

EXECUTIVE ENGINEER
UGVCL, DO, MEHSANA

**UTTAR GUJRAT VIJ COMPANY LIMITED DIVISION OFFICE,
MEHSANA**

SCHEDULE-B

**Name of Work: - PROVIDING AND FIXING OF ECO FRIENDLY MAINTENANCE FREE EARTHING
FOR XMER UNDER VARIOUS S/DN IN DDUGJY SCHEME UNDER MEHSANA DO.**

Sr No	Description	Qty	Unit	Rate	Total Amount
1	Supply of " Eco Safe" Maintenance free Earthing system comprising of 17.2 mm dia.3 mtr long earthing electrode shall be made of high tensile low carbon steel electrode with minimum 250 microns copper coating + carbon based conductive back fill Eco safe compound (Resistivity of less than 0.10 ohm mtr) & copper coated clamp 50X6mm on top of rod Clamp including suitable length earthing GI strip of 50X6 mm .	132	Nos	6000	792000.00
2	Erection of Earthing making of 100 mm dia bore, 3 mtr long making of earth pit and fixing of earth pit chamber with fixing of 50X6 mm GI strip from electrode of suitable length AS per Drawing.	132	Jobs	1500	198000.00
				Total (A) in RS.	990000.00
				Bidder's offer(+/-) in % (B)	
				Grand Total C= A+/- (A*B)	
				GST @ 18 % (D= C X 18 %)	
				Grand Total including GST (E=C +D)	
				Final offer in Rs.	
				Final offer in words Rs	

**Executive Engineer
Mehsana**

Contractor's Signature.

1.0 Online tender are invited for the work of **P & F Eco friendly maintenance free Earthing** for various S/Dn office under division office MEHSANA from the contractors/firms who have executed works of similar nature and magnitude successfully.

2.0 Tender documents are in two bids system i.e. **“Technical Bid”** and **“Price Bid (ON LINE Only)”**.

2.1 Bidder has to submit tender in one Envelop and in this two different covers should be put. One cover mentioning **Technical bid** on it & another cover mentioning **Commercial Bid** on it. If we receive envelop that do not have two separate sealed covers than those bids are liable to be rejected. Technical bid should be submitted with documents as under, failing which tender is liable for rejection. Also **Price Bid” shall be submit in “ON LINE” only.**

Submit following documents with Technical bid.

Technical Bid should be submitted with documents as under, failing to which tender shall be Liable for rejection.

- (i) The Contractor must have UGVCL valid vendor Registration Certificate for participating in respective Tender and copy thereof must be attached with/in TECHNICAL BID.
- (ii) Solvency certificate issued from any Nationalized Bank amounting to sum equivalent of estimated cost (Minimum 5.00 Lacs)
- (iii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan Paid copy is required.
- (iv) Income Tax & GST :
 - a. Latest income tax clearance certificate for the year 2015-16 And/or 2016-17/18
 - b. Income tax at prevailing rate will be deducted as per income tax act
 - c. The rate shall be inclusive of PF and all other state/central government taxes, cess and levies.
 - d. The GST at the prevailing rate should be paid as per the rules.
 - e. Regarding conditions of Tax, it will be binding to the contractor at relevant times.
- (v) For contractors should have carried out erection of HT,LT line & T/C work and/or PROVIDING AND FIXING OF MAINTENANCE FREE ELECTRODE EARTHING, he has to produce certificate from concern division, stating that they have carried out work satisfactory. Experience certificate as per requirement for above work by authorized Officer – NOT BELLOW THE RANK OF EXECUTIVE ENGINEER - of Distribution Company under GUVNL.
- (vi) Group Insurance – copy of the insurance policy of the insured labourer’s under W.C. Act.
- (vii) Electrical contractor license.
- (viii) At least Rs. 5.00 Lacs turn over For the Year 2015-16 AND/OR of current year 2016-17-18
- (ix) Attested copy of power of attorney, if any, for signing the bid documents, if partnership firm/company.

- (x) Contractor should produce TIN No. & PAN CARD Copy.
- (xi) Tender Fee Amt. & EMD amount & DD No. & Date should be mentioned on Cover of Tender fee & EMD with Technical bid cover.
- (xii) In case of non-inclusion of any of the attachment with technical bid, the tender will be liable for rejection.
- (xiii) Payment of Bills will be made through REAL TIME GROSS SETTLEMENT (RTGS) System while submission of bill prescribed RTGS form shall have to be submitted for each Bill by Contractor/Agency.
- (xiv) **Contractor shall have to work if required in jurisdiction of other Sub Division under Mehsana Division.**
- (xv) **Penalty clause:** In case, the work is not completed within the period stipulated in the work order, penalty shall be levied at 0.5 per week on the total Quarter work order subject to maximum 10 % of respective Quarter work order. GST will be charged on penalty & also damages for the breach of contract. Any statutory increase or decrease in taxes/duties subsequent to your offer; if it takes place within the original contractual delivery date will be to company's account subject to claim being supported by the documentary evidence. However if any decrease takes places after the contractual date; the advantage will have to pass on company.

2.2 "Technical" bid should be submitted in one envelope super scribing the name of the work and tender opening date etc.

3.0 Technical bid shall be opened on date at 11.00 hrs. (If possible) in the presence of the bidders, who remains present at that time.

4.0 Earnest money deposit of **1%** of Tender amount should be deposited in form of DD of Nationalized Bank infavor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at Mehsana. No any tender accepted without EMD. The date of D.D of EMD should be in between 10 days from the last date of receipt of tender.

5.0 Bidders should complete the tender documents in all respects and they are to be signed with Company's seal on all pages.

6.0 The bidders shall submit their offer without any deviations in general terms and conditions of the contract or in Technical specification/items. Tenders of such departing, may also be rejected. Incomplete and conditional tenders shall not be considered. Any Tender found with overwriting /correction on the rate will not be accepted.

7.0 UTTAR GUJARAT VIJ COM.LTD. reserves the right to split up the work covered in the scope of this contract amongst more than one contractor.

8.0 Intending bidders should submit their tenders after studying all tenders documents carefully and visiting the site for satisfying themselves of actual site conditions, location and accessibility of site and nature, extent of the work involved etc.

Submission of tenders implies that bidders have obtained all necessary information and other data required for executing the work. No claim for extra charges on account of any misunderstanding or otherwise will be allowed.

10.0 All approaches to the site shall be in the scope of bidders.

11.0 Bidders will not be allowed to give sub-contract of the works awarded to in for any, reasons what so ever without permission of the Engineer-in charge.

12.0 In the experience certificate, contractor has to furnish the details of similar works executed by him along with the list of equipments, tools and tackles and manpower available with him along with the details of the same, which he intends to deploy on site of the work.

13.0 After opening of "Technical bid" no revised price bid from any bidders will be accepted.

14.0 Price quoted shall be firm, till overall completion of the work, under contract and there will not be any price escalation.

15.0 Date of opening of "Price Bid" will be intimated later on to those Bidders who are qualified in technical bid. "Price bid" of only qualifying bidders on the basis of Technical bid shall only be opened. Price of bidders, who are not qualified technically as per requirement of technical bid shall not be opened.

16.0 Offers shall be valid for the period of 120 days from the date of opening of price bid. Tenders shall not withdraw tenders during the validity period, failing which their EMD shall be forfeited during the said period of 120 days.

17.0 All the works shall be carried out as per specifications attached with the tender and relevant Indian Standard issued by Bureau Indian Standards. All materials procured should be confirming to relevant Indian Standard issued by Bureau of Indian Standard.

18.0 Tenders, which do not fulfill all or any of the conditions of the tender of in complete in any respect, are liable to rejection.

19.0 UTTAR GUJARAT VIJ COMPANY LTD, reserves the right to reject any or all tenders without assigning any reason thereof.

20.0 Income Tax at prevailing rate will be deducted as per income Tax Act.

21.0 The rates are inclusive of PF and all other State/Central Government Taxes , cases and levies

22.0 Any change in rate of GST shall be entertained during contractual period of contract.

23.0 The contractor shall disclosed GST amount paid by him in the RA / Final bill raised for the execution of the work.

24.0 The certified copy of GST challan paid on RA /Final bill should be submitted to UGVCL for reimbursement.

25.0 The 90% amount of RA / Final Bill for the execution of the work/ supply will be paid. The withheld amount of 10% will be paid after complete inspection of Third party inspection and Nodal inspector.

26.0 If any work will not be executed by contractor fully / partly due to non providing of materials by UGVCL ,than the amount at appropriate rate will be deducted from the contractors bill , as the amount of non execution of works is already included in the rate of order.

27.0 Terms & condition & other relevant documents is required .

28.0 D.D. for EMD should be kept with "technical bid" only .

29.0 Tender without payment of tender fee will not be accepted.

30.0 Delay /late receipt of tender will be rejected.

31.0 Successful bidder should have to pay security Deposit should be paid through D.D of any Nationalized/ Schedule Bank in favor of Utter Gujarat Vij Company Ltd.” payable at MEHSANA. The Successful bidder shall have to pay 05% Security (work) Deposit of the tender cost, in cash within 10 days from the receipt of the acceptance order. In case successful bidder fails, his earnest money will be forfeited and order cancelled without issuing any notice

GENERAL CONDITION

1) Earnest Money Deposit

(A) Earnest money (1% of the estimated cost) as indicated on the face sheet should be paid by the tender along with the tender in cash or by D/D on any schedule Bank in favour of “UGVCL” in which case receipt shall be attached with tender.

(B) Tender will be rejected if E.M.D is not paid.

(C) Earnest money deposit will be forfeited in case the successful tenderer after his tender has been accepted shall refuse to pay the prescribed security deposit and execute the contract.

Validity of Tender:

All tenders shall be opened for acceptance by the Company for a period of 90 days from the date of opening the tenders and may be further extend to 60 days, if required and the tenderer shall be bound to execute the supply on such acceptance.

2) Acceptance of Tenders:

The Company does not bind itself to accept the lowest or any tender either will any reason be assigned for the rejection; it is also not binding on the Company to disclose any analysis report on the tender.

3) Security Deposit:

The lowest tenderer whose tender is accepted shall have to pay 05% Security (work) Deposit of the tender cost, in cash within 10 days from the receipt of the acceptance order. In case successful bidder falls, his earnest money will be forfeited and order cancelled without issuing any notice.

4) Contract documents:

The lowest tenderer whose tender is accepted will have to execute a stamped agreement in standard form of the Company and will have to discharge (sign) the booklet at his own cost. In case of partnership firms, necessary partnership documents will have to be produced for verification on authority to sign the bills measurements enter and into contract as well correspondence with the Company Wherever required necessary power of attorney will have to be produced.

5) Jurisdiction:

Any dispute of difference arising out of or in connection with the contract if concluded shall be subject to the exclusive jurisdiction of Mehsana.

6) Materials: Materials are to be supplied at Mehsana Division Store/ RSO Office.

7) General:

All tenderers must be submitted in forms provided by this office and must be clearly and legibly filled in. The tenders should be filled in ink. The tenderers are requested to sign wherever mentioned in tender and schedule or rate and if not signed the tender should be rejected.

8) Penalty of late work: Penalty will be lay able as per Company’s rules in force, by time to time.

- 9) The rate should be quoted in percentage higher/lower rate to rate
- 10) Additions and alterations of any kind in tender forms conditions etc. by the tenderer without the consent of the undersigned is not permissible.

11) Totalling up of figures:

While quoting the rate per unit against each item tenderness are required to give total cost against each item as well as grand total of the work.

12) Addressing Tenders:

Tenders must be submitted in envelopes which must be properly sealed by the tenderer with their office seal and must be super scribed with following.

[a] Tender No. [b] Opening date and time of the tender. [C] Technical Bid or Price Bid.

It is responsibility of the tenderer to see that the tenders received in the Company's office by RPAD only, within the stipulated time and date.

13) The company's General conditions of contract will apply to all the successful bidders and he is deemed to be fully aware of company's general conditions of the contract for the work in respect of security deposit, terms of payments, penalty for the delivery of supplier etc. and any ignorance of these conditions will not exempt the successful bidder from the company's Rules and regulations in force.

14) Deviation of Specification:

Preference will be given to tendering firms whose rates are in accordance to the tender Specifications.

15) Terms of Payments:

The Bill shall be submitted by the successful bidder after completion of entire ordered work with the supply.

16) Recording of measurements in the presence of successful bidder:

a. In cases of supply/works carried out satisfactorily by the bidder, the bidder by prior intimation from the Company's officers, shall have to witness the recording the measurements on the appointment date within one month of completion of supply either the conditions as specification vide condition No.5 read with condition No.4[b] or tender and supply for works.

b. The company's booklet of tender conditions shall apply and the recording of measurements shall be done within one month of completions of work after replacement of defect by the Company at the contractor's cost, as the case may be and any further delay in the recording of measurement and finalization of the bill due to the fault of the bidder shall be subject to the conditions as laid down in Clause [a].

17) Extension of Time limit:

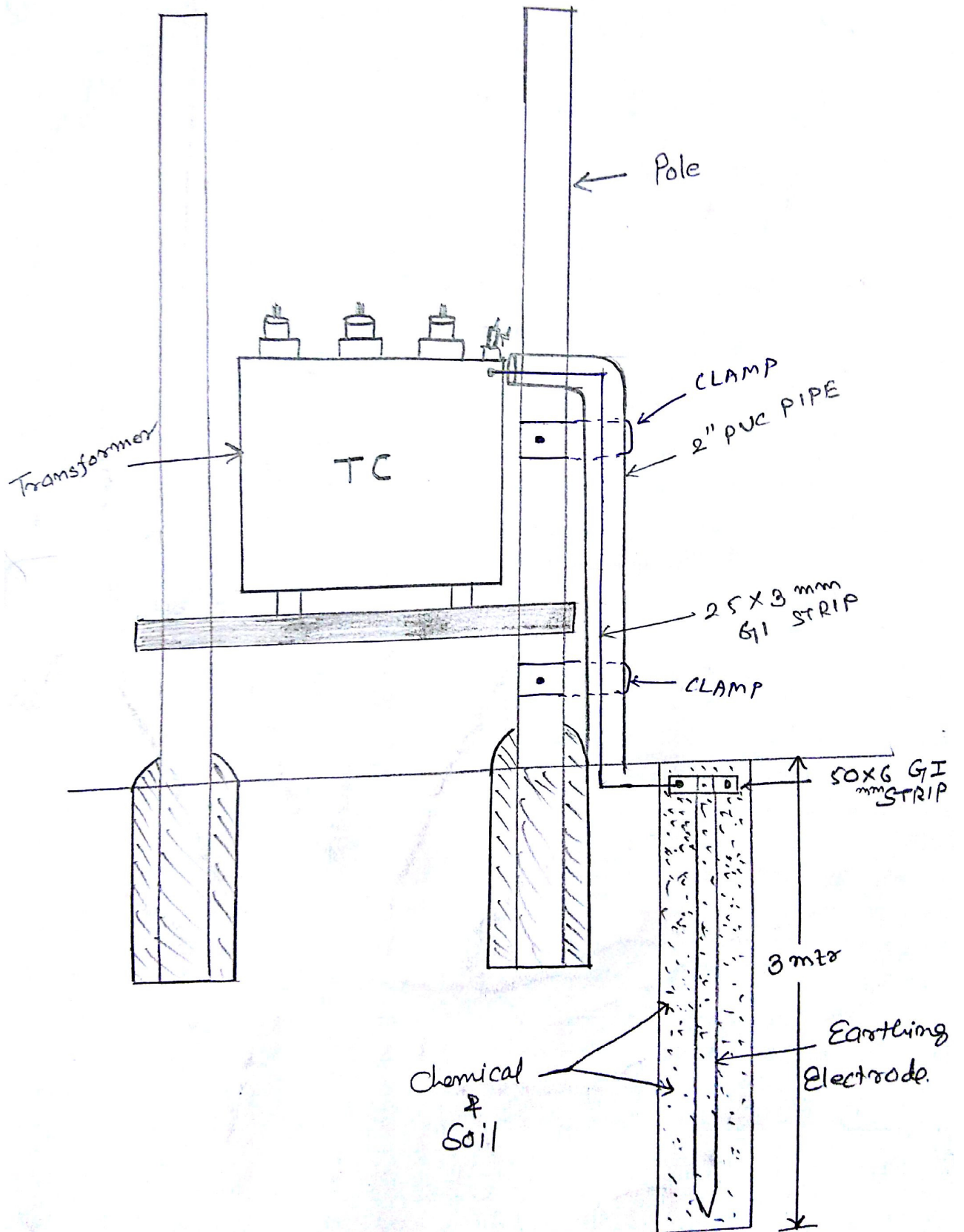
The time limit for P & F materials is within 90 days from the date of issuing the orders. Extension of time limit if for any reasons, the successful bidder is not in position to carry out the work within the stipulated period, he should put his application to the Engineer-in-charge before one month of expiry of the stipulated time limit or Completion of work for the extension of time limit giving valid reasons for the required extension.

TERMS AND CONDITIONS:

1. The successful bidder will have to give the following under taking:
2. Should this tender be accepted, I/We hereby agree to abide by fulfil all the terms and provisions of the Tender and Contractor of supply as applicable and in default thereof to forfeit and pay to the Company the sum of money due.
3. The full value of Earnest money deposit paid there with should be absolutely forfeited to the Company should not deposit the full amount of specified Security Deposit.
4. The Contractor shall be cooperative with the Company (and there by the staff) in recording measurement of bills etc., as expeditiously as possible and he shall fulfil all the requirements which are necessary to finalize his outstanding bills within 6 months from the date of completion of work, failing which, the Company shall finalize the account on the basic of its records, any payment made to contractor- such amount as it is found due to him- together with the amount of Security Deposit, if any remaining payable to him after deducting therefore, claim from him thereafter. The Competent authority can delete any item in Schedule "B" in the tender, if he feels that the rate quoted by the successful bidder for that item is abnormally high when compared to the estimated rate.

Executive Engineer UGVCL, Mehsana Division reserved the right to reject any OR all tenders without assigning any reasons thereof.

ELECTROD EARTHING



Specification for Eco friendly Maintenance Free Earthing

Maintenance free earthing system comprising of 50 X6 mm dia 3 mtr long Earth electrode of low Carbon steel electrode with 250 microns copper coating with a bag of (23 kg) of Carbon based environment friendly special backfill compound with a suitable GI clamp.

Electrode

- The electrode shall be a solid steel rod made of high tensile low carbon steel and coated with molecularly bonded copper on the outside as per UL 467.
- The thickness of the copper coating shall be atleast 250 microns.
- The electrode diameter shall be 50 x6 mm.
- The earth electrode shall carry UL marking and manufacturer's name.
- The length of the electrode shall be 3 mtrs.

Chemical Compound (Backfill material)

Highly conductive and Eco friendly backfill material: The backfill material shall be highly conductive. The backfill Material shall be carbon based and of low resistance, non corrosive, highly conductive carbon based powdered material that improves grounding effectiveness, especially in areas of high soil resistivity such as rocky and sandy areas. This material shall be suitable to be installed in either slurry or dry form.

The material shall attain the hardening characteristics of cement when mixed with water or exposed to moisture while retaining its' properties. The backfill material shall confirm to the following specifications:

- a. Shall be highly electrically conductive and non-soluble.
- b. Shall not leak into ground.
- c. Shall have a resistivity of less than 0.1 ohm meter as per clause 14.5 (d) of IEEE 80
- d. Shall be compatible with all copper grounding systems
- e. Shall contain a corrosion inhibitor to mitigate corrosion of copper
- f. Shall not contain hazardous chemicals
- g. Shall not be affected by drought and shall be stable between -10° to + 50° C temperature.
- h. Shall not depend on presence of moisture for conductivity but shall be electronically conductive like metals.
- i. Shall be suitable for any kind of soil
- j. The compound should have been tested in a reputed laboratory for not containing any hazardous chemicals as per EPA Chapter 7.
- k. The compound shall be carbon based conductive concrete and shall not contain bentonite in any form.

The bottom 300mm of the bore hole shall be filled with good, preferably black cotton soil. The balance length of the bore hole shall be filled entirely with the backfill compound in pure form without mixing with soil. The compound shall bond tightly with the electrode and become a solid mass.