

PR NO	324855
RFQ NO	

ADVERTISED TENDER

TO,
M/s _____

Name of Work Providing and fixing of maintenance free electrode earthing as per specification under **Kheralu & Vadnagar** S/dn under Visnagar division IPDS/DDUGJY scheme

Tender Notice No

Estimate cost.	Rs. 300000.00
Earnest Money.	Rs. 3000.00
Security Deposit.	5% of order value.
Last date of receipt of tender/EMD at	Date :- 08/08/2017 On 15.00 Hrs.
Date of opening the tender at	Date :- 09/08/2017 On 17.00 Hrs.(If Possible)
Type of tender	Item Rate.
Tender Fee	Rs. 300.00
Time Limit	12 Month

Earnest money deposit will be accepted in cash or by demand draft on any schedule bank at VISNAGAR in favor of UTTAR GUJARAT VIJ COMPANY LIMITED, cheques or Bank guarantee will not be accepted. The tender without Earnest Money deposit will not be accepted. The date of D.D of EMD should be within 10 days from the date of receipt of tender.

Tender received through RPAD will be accepted.

SUPDT.ACCTT.
UGVCL, DO, VISNAGAR.

EXECUTIVE ENGINEER
UGVCL, DO,VISNAGAR.

Schedule-B

(Schedule of rates and prices)

Providing and fixing of maintenance free electrode earthing as per specification under **Kheralu & Vadnagar** S/dn under Visnagar division IPDS/DDUGJY scheme.

(Schedule of rates and prices)

Bidder's Name & Address:

Installation / Erection Charges :

All prices in Indian Rupees

Sr. No.	Item Description	Unit	Supply			Erection			Grand Total Amt. in Rs.
			Qty.	Unit Rate in Rs.	Total Amt. in Rs	Qty	Unit Rate in Rs.	Total Amt. in Rs	
1	2	3	4	5	6	7	8	9	10
1	Supply of "Jef Eco Safe" Maintenance free Earthing system comprising of 50 X6 mm dia.3 mtr long earthing electrode of low carbon steel electrode with 250 microns copper coating + carbon based conductive back fill JEF Eco safe compound (Resistivity of less than 0.10 ohm mtr) & copper Clamp including suitable length earthing GI strip on DTC of 50 x6 mm with termination on transformer neutral.	NO	40	6000	240000	0	0	0	240000
2	Erection of Earthing DTC Transformers making of 100 mm dia bore ,mtr long making of earth pit and fixing of earth pit chamber with fixing of 50 x6 mm GI strip from electrode to transformer neutral of suitable length with proper clamping	No	0	0	0	40	1500	60000	60000
Grand Total									
					240000			60000	300000

Here by , I/We/are agreeing to carry out above work at the rates _____% above/below than estimated amount of work contract.

In words _____% above/below.

So , Total Estimated Amount Rs. _____

Rates Above /Below @ _____% Rs. _____

I/We(Contractor) is /are ready to work with total amount of work contract is rs. _____

In words Rs _____

**Executive Engineer
VISNAGAR.**

Contractor's Signature.

TERMS AND CONDITIONS REGARDING TENDER

TENDER FEE:- Tender Fee is COMPULSORY.No exemption from payment of tender fees and no price preference to the small, cottage & tiny industrial units registered under small scale industries of Gujarat state and holding subsequent registration with CSPO/NSIC/DGS&D registration certificates for the item under tender. Tender Fee will be accepted by D.D. in favour of Uttar Gujarat Vij Company Ltd., payable at Visnagar. Cheque is not accepted & Tenders submitted without tender fee will not be accepted.

EARNEST MONEY DEPOSIT:- EMD at 1 % of the estimated cost is to be paid by D.D. in favour of Uttar Gujarat Vij Company Ltd. payable at Visnagar Tenders without EMD are liable for rejection.

The exemption in payment of EMD shall be given to the small, cottage & Tiny Industrial Units registered under small scale industries of Gujarat State and holding subsequent registration with CSPO/NSIC/DGS&D registration Certificates for the item under tender. Otherwise tender / offer will be ignored. The Xerox copy submitted for SSI / NSIC must be duly notarized on notarial stamp (ticket) & signature. Registration certificates submitted other than indented material will not be accepted for waiver of EMD / SD and without payment of EMD, tender will be rejected out rightly without intimation to the party. No correspondence will be entertained further in the matter.

Technical Bid:- 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.

The technical bid shall comprise of all the technical details of the stores /materials offered in accordance with the Corporation guaranteed technical particulars and conditions, etc. The Technical Bid shall be opened on Due Date as mentioned in tender Notice (If Possible), in the presence of those tenderers who wish to be present. If the Authorized Representative is likely to be present then he must submit the authorization letter of the representing company at the time of opening of Bids and this is compulsory Only One authorized Representative shall be allowed. Please note that the required documents should be invariably submitted with tender copy. And tender without documents is liable to be ignored.

Price Bid:- The Price Bid should be submitted as per Schedule-B in % wise in physical form. This is mandatory. The time and date for opening of the Price Bid shall be determined by the Company and shall be communicated to the tendering firms after technical bids are analyzed and the intimation will be sent only to the technically qualified tenderers. The “Technical & Price Bids” shall contain adequate cross reference wherever necessary to ensure clear and proper co-relation of the two bids without ambiguities whatsoever. Any technical questions information and clarifications that may be required pertaining to this Tender should be referred to The Ex. Engineer Visnagar U&I Division, who also reserves the right to reject any OR all tenders without assigning any reasons thereof.

SECURITY DEPOSIT:- Lowest party shall have to pay Security Deposit as, 5 % in case of Works & 10 % in case of Supply of order value before placement of order. If party fails to submit SD in prescribed time limit as mentioned in LOI, UGVCL will take stern action against firm as per rules. SD will also be payable through Bank Guarantee (All Nationalized bank)

Uttar Gujarat Vij Company Ltd. reserves the right to accept / reject /Cancel any or all the offers / tenders, extend dates and / or re-advertise tender, and /or modify the process at any stage of the process without assigning any reason thereof

GENERAL CONDITIONS :-

1. Earnest Money Deposit :-

(a) Earnest money (1% of the estimated cost) as indicated on the face sheet should be Paid by the tenderer along with the tender in cash or by D/D on any schedule Bank in favour of 'U.G.V.C.L.' in which case receipt shall be attached with tender.

(b) Tender without earnest money, deposit is not liable to be considered.

(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.

2. Validity of Tenders :-

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 30 days, if required and the tenderer shall be bound to execute the supply on such acceptance

3. 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.

4. Security Deposit :-

The lowest tenderer whose tender is accepted shall have to pay 5 % Security Deposit of the order value, in cash within 10 days from the receipt of the acceptance order. In case supplier fails, his earnest money will be forfeited and order cancelled without issuing any notice.

5. Contract documents :-

The lowest tenderer whose tender is accepted will have to execute a stamped agreement is standard form of the company and will have to sign the booklet at his own cost. In case of partnership firms necessary partnership document 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.

6. Jurisdiction :-

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

7. Materials :-

Materials are to be supplied at Visnagar division store office and as per instruction by Ex. Engineer

8. The payments will be made to the supplier by cheque on local Bank subject to an advance stamped receipt being received from payees

9. Accepting authority reserves the right to rejection of any or all tenders without assigning any reason thereof.

10 . Any tender which does not complete with the above requirement is liable to be rejected.

11 Additions and alterations of any kind in tender forms conditions etc. by the tenderer without the consent of the undersigned is not permissible

12 (A) The tenderer must quote his rates per unit specified in figures as well as in words

(B) The tenderer must quote his rates not lowest and the rates not confirming to the unit specified in schedule may not be considered even through they may be lowest.

(C) The price must be stated for each item separately and 11 additions the percentage of reduction on the total price of any should also be quoted in order to that extent is placed.

(D) Any variation rates etc. will not allowed on any ground after the tender is submitted.

(E) The tenderers printed forms and conditions of the contractor will not be considered as forming the part of the tender.

(F) All tenders must be submitted in the forms provided by this office and must be clearly and legibly filled in ink. The tenderer are requested to sign to sign wherever mentioned in tenders and as schedule of rates and if not signed, the tender shall be liable for rejection.

(G) All corrections whatsoever made in the tender must be initialed by the tenderer.

13. Totaling 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

14. Addressing Tenders :-

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

(a) Tender No. (b) Returnable date and time of the tender.

It is responsibility of the tenderer to see that the tenders received in company's office or tender box within the stipulated time and date.

15. The Company's General conditions of contract will apply to all the suppliers and he is deemed to be fully aware company's General conditions of contract for the works 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 supplier from the Company's office as per prevailing price only.

16. Deviation of specification :-

Preference will be given to tendering firms whose rates according to tender specifications.

17. Terms of payments:-

Bill shall be submitted by the supplier after completion of entire ordered supply.

18. Recording of measurements in the presence of supplier :-

(a) In case of supply carried out satisfactorily by the supplier, , the supplier by prior intimation from the company's officers shall have to witness the recording of 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) Booklet shall apply and the recording of measurements shall be done within one month of completions of supply 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 supplier shall be subject to the conditions as laid down in clause (a)

19. Extension of time limit :-

The time limit for supplying materials is within 30 days from the date of issuing the orders. Extension of time limit if for any reasons, the suppliers is not in a position to supply 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 supply for the extension of time limit giving valid reasons for the required extension.

20. GST (Service Tax)

(A) The GST/Service at the prevailing rate should be paid as per the rules.

Contractor shall have to pay whatever applicable taxes prevailing at the time of placement of order execution of work /Bill payment etc.

"Since the tender in respect of this LOA/AT was floated under Pre GST Regime, this OA/A/T is issued considering Pre GST (Old Tax Structure), the supplier has to provide the details of ITC claimed/available under GST for supply of items under this OA/A/T duly certified by a practicing chartered accountant. The content, manner and formal of submission of ITC details will be intimated to the supplier in due course of time, the 20% payment of supply along with GST after adjusting the quantum of ITC shall be made against SR Note and on receipt of details of ITC in the prescribed formal duly certified by a practicing Chartered Accountant"

21. Submit following documents with technical bid.

- a) Labour License, PAN Card No.
- b) P.F.Number, Work experience certificate.
- c) Electrical Contractor License.
- d) Bank solvency certificate of as per requirement
- e) Vender **registration** (Vender Registration apply Receipt is not acceptable as valid Vender Registration)
- f) Other document if required by authority it should be given.

1. Experience: Contractor should produce evidence of having experience in executing similar nature and magnitude of jobs preferably photo copy of orders secured from Discom /central government/semi govt. and satisfactory completion certificate from respective department.
2. Attested copy of power of attorney, if any, for signing the bid documents.
3. Give the certificate that the Offer should be valid for acceptance for a minimum 180 Days from the date of Opening.
4. Contractor should produce GST & PAN No. copy (as per Required works)
5. Contractor must have vendor registration with the UGVCL/GUVNL or their subsidiary companies prior to the date of opening of technical bid of the tender otherwise their bids will not be considered eligible for technical scrutiny and as such, their technical bids.
6. UGVCL reserves the right to reject any OR all tenders without assigning any reasons thereof.

❖ Documents to be submitted by contractor with Tender Copy ❖

Documents /Proofs to be Submitted by the Tenderer /Bidder	✓ Submitted ✗ Not Submitted.
Experience Certificate of Contractor for the work	
Valid Bank Solvency Certificate issued by any Nationalized Bank as per Board's Rules & Regulations (20% of Estimated cost)	
Copy of Employee's Provident Fund Certificate (E.P.F)	
Valid Group Insurance for worker	
Valid Electrical License of the Contractor	
GST/ Valid Service Tax Registration Certificate	
Copy of PAN no of the contractor or firms	
Valid Labour License of current year	
Vender Registration (Vender Registration apply Receipt is not acceptable as Vender Registration certificate)	

❖ GENERAL INSTRUCTION TO TENDERERS ❖

- 1) Sealed Tenders are invited for the work Providing and fixing of maintenance free electrode earthing as per specification under Kheralu & Vadnagar sub division of Visnagar Division for DDUGJY/IPDS scheme. from the contractors/firms who have executed works of similar nature and magnitude successfully and who are registered under appropriate class.
- 2) Tender documents are in two bids system i.e. "Technical Bid" and "Price Bid".
 - 2.1 Technical bid is to be submitted in a separate sealed envelope and super scribing the envelope as "Technical Bid". Technical bid should be submitted with documents as under, failing which tender is liable for rejection.
 - (a) Solvency certificate issued from any Nationalized Bank amounting to 20 % equivalent of estimated cost (as per UGVCL Rules)
 - (b) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
 - (c) Latest income tax clearance certificate.
 - (d) Experience certificate as per requirement for same work by authorized officer of Distribution Company.
 - (e) Group Insurance copy of the insurance policy of the insured labourer's under W.C. Act.
 - (f) Details of equipments available with the tendered.
 - (g) Electrical contractor.
 - (h) Tools & tackle Certificate.The above documents should be submitted in form of attested true copies along with technical bid.
 - 2.2 The sealed price bids comprising of Schedule-'B' should be submitted in separate sealed envelope super scribed accordingly on the envelope.

2.3 Both “Technical” and” Price” bid should be submitted in one common envelope super scribing the name of the work and tender opening date etc.

- 3) Earnest money deposit of Rs.3000/- should be deposited in cash or submitted in form of Demand Draft in favor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at Visnagar.
- 4) Bidders should complete the tender documents in all respects and they are to be signed with Company’s Seal on all pages.
- 5) 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.
- 6) 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.
- 7) The rates shall be quoted both in words and figures as per unit specified schedule-‘B’ and it should be in sticker by the transparent cello tape. In case of any discrepancy between the rates quoted in words & figures, rate quoted in words will prevail.
- 8) 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.
- 9) All approaches to the site shall be in the scope of bidders.
- 10) Bidders will not be allowed to give sub-contract of the works awarded to him for any, reasons what so ever without permission of the Engineer-in charge.
- 11) 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.
- 12) After opening of “Technical bid” no revised price bid from any bidders will be accepted.
- 13) Price quoted shall be firm, till overall completion of the work, under contract and there will not be any price escalation.
- 14) 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.
- 15) 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.
- 16) Bolts & nuts of appropriate size and quality will be supplied by the Contractor.
- 17) Rs.50/- will be charged extra if tender will be sent by post.
- 18) Due care should be taken while doing the work, If any accident will occurred to your employee / personal while working than it will be your responsibility .Company will not be responsible for payment of any claims due to such accident.
- 19) Contractor should observe labour laws as per prevailing rules of Govt. of Gujarat.

- 20) Tree Branches should be trimmed such a way that distance of nearby conductor and trimmed branch must remain 5' Horizontal and 5' vertically.
- 21) Old material removed from line (If any) must be credited in Divn. Store.
- 22) All tools, tackles used in maintenance will be provided by contractor.
- 23) Transportation of labour for the work should be done by contractor.
- 24) If necessary order of one S/Dn. Will be transferred to other S/Dn. depending up on requirement of UGVCL.
- 25) The clearance as per I.E rules must be maintained.
- 26) For any dispute jurisdiction of legal will be at Visnagar Division
- 27) If the Bidder/Contractor would stand lowest while opening of the tender, He will be intimated by the competent authority with separate letter & will have to provide their skilled Labours gang within week time & He would have to report in written through respective SDO. Otherwise Second lowest bidder will be given chance at the rate of lowest
- 28) The contractor should have to keep permanently skilled labours gang in respective Sub-Division for each annual order. If Concern SDO will report that Erection Work is delayed due to non availability of skilled labour, penalty will be deducted a per rules.
- 29) 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.
- 30) Tenders, which do not fulfill all or any of the conditions of the tender of incomplete in any respect, are liable to rejection.
- 31) UTTAR GUJARAT VIJ COMPANY LTD, reserves the right to reject any or all Tenders without assigning any reason thereof.
- 32) Work should be carried out in the strict supervision of Dy.Engineer/ Jr.Engineer of S/Dn.
- 33) Work will be carried out only on the feeder which is availed with line clear by Lineman or Jr.Engineer
- 34) If any accident will occur, company will not be held responsible for any compensation to labour on contractor. So insurance is required to be taken by contractor.
- 35) Contractor should observe labour laws as per prevailing rules of Govt. of Gujarat

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.

Supdt. Of Accounts.(Exp)
Visnagar Division

Executive Engineer
Visnagar Division