

PR No:	334305
RFQ No:	46711
ITEM No:	9501300170

ADVERTISED TENDER No: **24/2017-18**

Name of Work : Tender Providing and fixing of maintenance free electrode earthing as per specification for Deesa-Town S/Dn under Deesa-1 Division for IPDS scheme.

Estimate cost.	Rs. 997500.00
Earnest Money.	Rs. 10000.00 in form of Demand Draft of nationalized bank.
Security Deposit.	10% of Order value
Last date of download of tender from online	Date: 08-02-2018 On 18.00 Hrs.
Last Date of document received	Date: 09-02-2018 On 15.00 Hrs. (By RPAD)
Date of opening the tender at	Date: 12-02-2018 On 15.00 Hrs. (If Possible )
Type of tender	Percentage Rate.
Tender Fee	Rs.(1000+18% GST) in form of Demand Draft of nationalized bank
Time Limit.	6 month

Tender fee & Earnest money deposit will be accepted in cash or by demand draft on any schedule bank at Deesa in favors of "UTTAR GUJARAT VIJ COMPANY LIMITED", cheques or Bank guarantee will not in form of Demand Draft of nationalized bank be accepted.

NOTE: This is online tender and put at [www.nprocure.com](http://www.nprocure.com) site so fill on line and must send tender through RPAD. Tender received through RPAD only will be accepted.

SUPDT.ACCTT. (Exp)  
UGVCL,DO DEESA-1

EXECUTIVE ENGINEER  
UGVCL, DO DEESA-1

To be filed in the Tender.

- (1) Tendered Value :  
(To be filed by the Contractor) Rs. \_\_\_\_\_
- (2) Earnest Money Deposit  
Paid vide DD No. \_\_\_\_\_ Date \_\_\_\_\_ Rs \_\_\_\_\_

(3) GST No. \_\_\_\_\_ Date:- \_\_\_\_\_

**SCHEDULE: B - PRICE BID**

**Name of Work: - Tender providing and fixing of maintenance free electrode earthing as per specification for Deesa-Town S/Dn under Deesa-1 Division for IPDS scheme.**

Sr. No	Particulars of Item	Unit	Supply Part			Erection Part			Grand Total (in Rs.)
			Supply Qty.	Rate	Total (in Rs.)	Erection Qty.	Rate	Total (in Rs.)	
1	Supply of "Eco Safe" maintenance free earthing system comprising of 50 x 6 mm diameter 3 mtr long earthing electrode with 250 microns copper coating + carbon based conductive back fill "Eco Safe" compound (Resistivity of less than 0.1 ohm mtr) copper clamp including suitable length earthing GI strip on DTC of 50 x 6 mm with termination on transformer neutral.	No	133	6000	798000				997500
2	Erection of Earthing DTC transformers making of 100 mm dia bore for 3 mtr long electrode making and fixing of earth pit chamber with 50 x 6 mm GI strip from neutral of suitable length with proper clamping.	No				133	1500	199500	
<b>Total (A)</b>									<b>997500</b>
<b>Bidder's offer ( +/- ) in % (B)</b>									
<b>Grand Total C = A +/- (A*B)</b>									
<b>GST @ 18% ( D = C x 18 % )</b>									
<b>Grand Total including GST ( E = C + D )</b>									
<b>Final offer in Rs.</b>									
<b>Final offer in words Rupees</b>									

1. Separation into Supply and Erection is only for convenience and better economic management and for the ease of Accountancy but the entire Contract, is to be assessed under GST Law, as the Works Contract Service, which is as per the provisions of Section 2(30), read with, section 2(119), further read with, Paragraph 6(a) of the Schedule II to the CGST Act 2017 or SGST Act 2017 and similar provisions, applicable under the UTGST Act 2017 and the IGST Act 2017 and the entire activity, would be subjected to levy of Tax at the rate of 9% CGST + 9% SGST or 18% IGST, under the GST Law.
2. I/We agree to supply the article noted above at the rates herein tendered by me/us subject to condition of tender and supply at the tender inquiry which I/We have carefully read and which I/We have thoroughly understood and to which I/We agree.

**Executive Engineer  
UGVCL, DO DEESA-1.**

**Contractor's signature with seal.**

**Date:** \_\_\_\_\_

### **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 at least 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 metres.

#### **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.

**Executive Engineer  
UGVCL, DO DEESA-1.**

**Contractor's signature with seal**

**Date:** \_\_\_\_\_

❖ GENERAL INSTRUCTION TO TENDERERS ❖

- 1) Sealed Tenders are invited for the work providing and fixing of maintenance free electrode earthing as per specification for Deesa-Town S/Dn under Deesa-1 Division for 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 10 lacs issued from any Nationalized Bank.
    - (b) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
    - (c) Copy of Latest income tax return certificate and latest bank statement for 10 lacs.
    - (d) Experience certificate as per requirement for same work by authorized officer of Distribution Company for any 5 years. In which latest 3 (Three) years must.
    - (e) Group Insurance copy of the insurance policy of the insured labourer’s under W.C. Act.
    - (f) Details of equipment available with the tendered.
    - (g) Valid Electrical contractor License.
    - (h) Tools & tackle Certificate.
    - (i) GST Registration certificate.
    - (j) Copy of PAN card.
    - (k) Bidder quoting for the bid shall have valid registration in A/B class with UGVCL /GUVNL & its subsidiary companies. Copy of Vender registration is required.  
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. 10000 should be accepted in cash or deposited in form of Demand Draft in favor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank
- 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 in 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 equipment, 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) 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.
- 18) Contractor should observe labour laws as per prevailing rules of Govt. of Gujarat.
- 19) Tree Branches should be trimmed such a way that distance of nearby conductor and trimmed branch must remain 5’ Horizontal and 5’ vertically.
- 20) Old material removed from line (If any) must be credited in Divn. Store.
- 21) All tools, tackles used in maintenance will be provided by contractor.
- 22) Transportation of labour for the work should be done by contractor.
- 23) If necessary order of one S/Dn. Will be transferred to other S/Dn. depending up on requirement of UGVCL.
- 24) The clearance as per I.E rules must be maintained.
- 25) For any dispute jurisdiction of legal will be at Deesa-1 Division
- 26) 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
- 27) 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.

- 28) 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.
- 29) Tenders, which do not fulfil all or any of the conditions of the tender of incomplete in any respect, are liable to rejection.
- 30) UTTAR GUJARAT VIJ COMPANY LTD, reserves the right to reject any or all Tenders without assigning any reason thereof.
- 31) Work should be carried out in the strict supervision of Dy.Engineer/ Jr.Engineer of S/Dn.
- 32) Work will be carried out only on the feeder which is availed with line clear by Lineman or Jr.Engineer
- 33) 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.
- 34) Contractor should observe labour laws as per prevailing rules of Govt. of Gujarat
- 35) **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 PO/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 Deesa. Cheque is not accepted & Tenders submitted without tender fee will not be accepted
- 36) **EMD:** EMD at 1 % of the estimated cost is to be paid by D.D. in favour of Uttar Gujarat Vij Company Ltd. payable at Deesa 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 notaries 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.
- 37) **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.
- 38) **Terms of Payments:**  
(A) Payment for the work done will be made through running A/c bills to the extent of 100 % of the value of work done computed at the unit rates accepted in the tender provided the material account of respect of previous R.A. Bill is furnished before the next running accounts bill is paid.

(B) If this is not complied will the payment through R.A., Bill to the extent of 80 % of the value of the work done will be made and the balance so with held will be released when materials account of previous R.A., Bill is furnished.

(C) The payment will be made by A/c payee crossed cheque subject to on advance stamped receipt being received from you will in advance. payment made in 30 days after receipt of bill by Dvn.Office NO 1.Palanpur

(D) The contractor will co-operate with company in recording measurements and he shall fulfill all the requirements which are necessary to finalize his out standing bills within six months from the date of completion of work failing which the company shall finalize 6th account on the basis of its records and pay such amount as is found due to the contractor after taking in to account the amount of security Deposit if any remaining payable by ghim and after deducting the Amount due to the company. The Board shall not entertain any further claim from the contractor thereafter.

(E)Income Tax as per Govt. rules in force will be deducted form R.A. / final respectively.

### **GENERAL INSTRUCTION TO TENDERERS**

#### **Pre-Qualification:-**

Tender fee +GST as applicable

**A).** The contractor should be registered under the Goods & Service Tax. The contractor not Having GSTIN shall not be considered for acceptance of the Tender.

**B). PRICES:-**The Bidder shall quote FIRM PRICES only. The prices quoted will not be subject To any escalation till completion work. The above prices are inclusive of all taxes, levies, Duties etc.except Goods & Service Tax (GST) will be paid extra as applicable from time to Time on a given taxable goods and/or services. Also please mention **SAC Code** and rate of GST as Applicable.

#### **C). Goods And Servicese Tax (GST): UGVCL GST No is:- 24AAACU6551F1ZI**

The prices are excluding GST and Service Tax as applicable, which will be paid extra on a given taxable goods and/or services within the original contractual delivery period. The amount and % of GST as applicable should clearly be indicated separately. (GST means all applicable Tax/Cess under GST Laws. GST Laws means IGST Act, GST (Compensation to the State for Loss of Revenue) Act, CGST Act, UGST Act and SGST Act, 2017and all related ancillary legislations).

Supplier/Contractor should charge GST in Invoice at the rate as agreed to / mentioned in acceptance of tender only and any deviation in the same shall not be accepted. Further, any additional liability of GST (later on due to wrong mentioning of GST rate mis-interpretation of HSN/SAC Code, etc.) over and above as charged in the invoice shall be borne by the Supplier/Contractor. However, any refund received by the supplier / contractor on account of GST charged from the company; such refund shall have to be passed on to the company, along with interest if any. Such refund along with interest needs to be passed on suo-motu by the supplier / contractor.



Further, the Company has a right to recover the amount of GST along with penal interest at the rate of 15% per annum or interest/fees & penalty charged under GST Law, whichever is higher if GST charged is not paid / short paid to the government or failed to upload the details or uploads inaccurate particulars on GSTIN portal by the Supplier / Contractor within the stipulated time limit. In case, Govt. revises the rate of GST rate / Code during the tenure of the contract, the provision of UGVCL's statutory variation clause shall apply.

**D). STATUTORY VARIATION:**

Any statutory increase or decrease in the taxes and duties including GST and Cess as applicable or in the event of introduction of new tax/cess or cessation of existing tax/cess subsequent to contractors offer if it takes place within the original contractual delivery date will be to COMPANY's account subject to the claim being supported by documentary evidence. However, if any decrease takes place after the contractual delivery date, the advantage will have to be passed on to COMPANY.

**E). PENALTY FOR LATE DELIVERY:**

Penalty shall be @ 0.5% per Week or part thereof on delayed portion subject to maximum 10% of the Order Value (End Cost) (Plus applicable GST) in case of supply only, whereas in case of Projects, the ceiling shall be with reference to total contract value of the project (Supply + Erection + Civil). For calculating the delayed portion, date of actual receipt of material at store shall be considered.

Name of Terms & Conditions	To be added/ amended
Tender Fee	Plus applicable GST
Prices	Replace Excise Duty, VAT/Sales Tax by GST
Excise Duty	Replace Excise Duty, VAT/Sales Tax by GST
Sales/VAT (Value Added Tax)	
Octroi	To be deleted

**Signature of contractor  
With seal**

**Executive Engineer  
UGVCL, DEESA, DIV-1.**

### ELECTROD EARTHING

