



PR NO	339607
RFQ NO	46454

ADVERTISED TENDER No: 23-2017/18

TO, M/s				

Name of Work

PROVIDING AND FIXING OF MAINTENANCE FREE ELECTRODE EARTHING AS PER SPECIFICATION UNDER VARIOUS SDN OF RADHANPUR DIVISION FOR IPDS SCHEME PART-1.

Estimate cost.	Rs. 500000.00		
Earnest Money.	Rs. 5000.00		
Security Deposit.	5% of order value.		
Last date of received the tender	Date: 08-02-2018 On 15.00 Hrs. (By RPAD)		
Date of opening the tender	Date: 09-02-2018 On 15.00 Hrs. (If Possible)		
Type of tender	Open		
Tender Fee	Rs.500 + 18% GST as per applicable		
Time Limit	2 Month		

Earnest money deposit will be accepted in cash or by demand draft on any schedule bank at RADHANPUR 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, RADHANPUR. EXECUTIVE ENGINEER UGVCL, DO, RADHANPUR

Telephone: (02762) 222080-81 Fax: (02762) 223574
Website: www.ugvcl.com e-mail: corporate@ugvcl.com



Schedule - B

(Schedule of rates and prices)

Providing and fixing of maintenance free electrode earthing as per specification under **various** S/dn under Radhanpur division IPDS scheme. Part-I

(Schedule of rates and prices)

Bidder's Name & Address:

Installation / Erection Charges:

All prices in Indian Rupees

11-13 Jan.

Installation / Erection Charges .				Supp	•	Erection]
Sr. No.	Item Description		Qt y.	Unit Rate in Rs.	Total Amt. in Rs	Qty	Unit Rate in Rs.	Total Amt. in Rs	Grand 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 or body.	NO	66	6000	396000	0	0	0	396000
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 or body of suitable length with proper clamping & fitting.	No	0	0	0	66	1500	99000	99000
	TOTAL(A)				396000			99000	495000
	BIDDER'S OFFER (+/-) IN %(B)								
	GRAND TOTAL C / A +/- (A*B)								
	GST@18% (D=CX18%)								
	GRAND TOTAL INCLUDING GST(E=C+D)								
	FINAL OFFER IN RS.								
	(IN WORDS)								

Division Office, Near Jay Hind Cinema, Rajgadhi, Radhanpur 385340 (Patan - Gujarat) Telephone: (02746) 277354, 276354 Regd. & Corporate Office: Visnagar Road, MEHSANA - 384 001 (North Gujarat)

 Telephone: (02762) 222080-81
 Fax: (02762) 223574

 Website: www.ugvcl.com
 e-mail: corporate@ugvcl.com



- 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 articles noted above that the rates herein tendered by me/us subject to conditions 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
Contractor's Signature.	Radhanpur

Telephone: (02762) 222080-81 Fax: (02762) 223574
Website: www.ugvcl.com e-mail: corporate@ugvcl.com

GENERAL INSTRUCTION TO TENDERERS::

- 1.0 Online tender are invited for the work of PROVIDING AND FIXING OF MAINTENANCE FREE ELECTRODE EARTHING AS PER SPECIFICATION UNDER VARIOUS SDN OF Radhanpur DIVISION FOR IPDS SCHEME from the contractors/firms who have executed works of similar nature andmagnitude successfully and who are registered under class A & B under IPDS.
- 2.0 Tender documents are in two bids system i.e. "Technical Bid" and "Price Bid".
- 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 receiveenvelop that do not have two separate sealed covers than those bids are liable to be rejected. Technicalbid should be submitted with documents as under, failing which tender is liable for rejection.
- (i) Solvency certificate issued from any Nationalized Bank amounting to sum equivalent of estimated cost.
- (ii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
- (iii) The Vender Registration certificate in appropriate class as contractor in UGVCL requires. Thevender registration fees paid challan /receipt attached by bidder will not be acceptable.
 - (iv) Latest income tax clearance certificate. With PAN card.
 - (v) Labour license certificate.
- (vi) Experience :-Contractor should produce evidence of executing similar nature & magnitudeof work i.e. PROVIDING AND FIXING OF MAINTENANCE FREE ELECTRODE EARTHING from any DISCOM of GUVNL.
 - (vii) Group Insurance A copy of the insurance policy of the insured laborer's under W.C. Act.
 - (viii) Details of equipments available with the tendered & Tools & tackle Certificate
 - (ix) Turn over details year wise on CA Letterhead At least 2 years.
- (x) Copy of the last three annual work orders of erection of HT/LT line & T/C of any Distribution Company is required.
 - (xi) GST tax registration number must be submitted with tender .
 - (xiii) Govt. license to electrical contractor issued by Govt. of Gujarat is required.
- (xiv) GST NO is required as per GOV. Rules. The above documents should be submitted in form of attested true copies along with technical bid. If anydocuments are not submitted by bidder than do not consider those bidder proposal & do not open pricebid of those bidder.
 - (xv)UGVCL VENDOR REGISTRATION IS REQUIRED.
- 2.2 Both "Technical" & " Commercial" bid should be submitted in one common envelope superscribing the name of the work and tender opening date etc.
- 3.1 Technical bid shall be opened on date at 11.00 hrs. (If possible) in the presence ofthe 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 in favor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at Radhanpur. 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.

Division Office, Near Jay Hind Cinema, Rajgadhi, Radhanpur 385340 (Patan - Gujarat) Telephone : (02746) 277354 , 276354 Regd. & Corporate Office: Visnagar Road, MEHSANA - 384 001 (North Gujarat)

Telephone: (02762) 222080-81 Fax: (02762) 223574 Website: www.ugvcl.com e-mail: corporate@ugvcl.com



- 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.
- 9.0 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 beany price escalation.
- 15.0 Date of opening of "Price Bid" will be intimated later on to those Bidders who are qualified intechnical 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.

Regd. & Corporate Office: Visnagar Road, MEHSANA - 384 001 (North Gujarat) Telephone: (02762) 222080-81 Fax: (02762) 223574 Website: www.ugvcl.com e-mail: corporate@ugvcl.com



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

- 21.0 The rates are inclusive of PF and all other State/Central Government Taxes, cases and levies but exclusive of GST tax .GST Tax @prevailing, if applicable will be reimbursed by UGVCL on production of service Tex paid challan.
- 22.0 Any change in rate of GST Tax shall be entertained during contractual period of contract.
- 23.0 The contractor shall disclose GST tax amount paid by him in the RA / Final bill raised for the execution of the work.
- 24.0 The certified copy of GST tax 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 with heldamount 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 byUGVCL ,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 anyNationalized/ Schedule Bank in favor of Utter Gujarat Vij Company Ltd." payable at Radhanpur.
- 32.0 Penalty: For delay in work / supply occurring on account of reasons other than force majure as accepted by DGS&D the contractor will be liable to of penalty at a rate of 0.5% per week subject to maximum 10% of bill value. The condition of delay part of existence of force majure condition will have to be given.

33.0 GST NO/ PAN Number.

- A. GST No. & Date must be mentioned in Tender. (Copy attached of GST No.)
- B. PAN Number & Date must be mentioned in Tender.

As per GST Act, UGVCL is in the process of amending various commercial Terms & Conditions of Tender. The following terms & conditions to be amended are given below.

Name of Terms & Conditions	To be added/amended
Tender fee	Plus applicable GST
Prices	Replace Excies duty, VAT/Sales Tax by GST
Excies Duty	Replace Excies duty, Sales Tax/VAT by GST

 Telephone: (02762) 222080-81
 Fax: (02762) 223574

 Website: www.ugvcl.com
 e-mail: corporate@ugvcl.com

Sales/VAT (Value Added Tax)	
Octroi	To be dated

A. Taxes and Duties:

The prices are excluding GST and Cess 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 and Cess as applicable should clearly be indicated separately. (GST/Cess 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 ancilliary 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-moto 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 if GST charged is not paid / short paid to the government or fail 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.

B. .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.

C. PENALTY FOR LATE DELIVERY:

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

Signature of Tenderer With Rubber Stamp.

EXECUTIVE ENGINEER UGVCL, RADHANPUR D O

Telephone: (02762) 222080-81 Fax: (02762) 223574
Website: www.ugvcl.com e-mail: corporate@ugvcl.com

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 betonies 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.

Telephone: (02762) 222080-81 Fax: (02762) 223574 Website: www.ugvcl.com e-mail: corporate@ugvcl.com

Division Office, Near Jay Hind Cinema, Rajgadhi, Radhanpur 385340





Supdt. Of Accounts.(Exp)

Radhanpur Division

Executive Engineer
Radhanpur Division

Division Office, Near Jay Hind Cinema, Rajgadhi, Radhanpur 385340 (Patan - Gujarat) Telephone: (02746) 277354, 276354 Regd. & Corporate Office: Visnagar Road, MEHSANA - 384 001 (North Gujarat)

 Telephone: (02762) 222080-81
 Fax: (02762) 223574

 Website: www.ugvcl.com
 e-mail: corporate@ugvcl.com