

**UTTAR GUJARAT VIJ COMPANY LIMITED**

**Visnagar Division**

**Open Tender for maintenance of Distribution transformer of urban area (with supply & labour) for Visnagar Division of Mehsana Circle.**

# UGVCL Uttar Gujarat Vij Company Ltd.

PR NO	475620
RFQ NO	66358

ADVERTISED TENDER-

TO,  
M/s \_\_\_\_\_

Name of Work :- Open Tender for maintenance of Distribution transformer of urban area (with supply & labour) for Visnagar Division of Mehsana Circle.

Tender No. / Type of Tender	<b>MSNCO/121/2021</b>
Estimate cost.	Rs. 2385930.00
Earnest Money.	25000.00
Security Deposit.(5% of Tender Value)	
Last Date of Physical submission of Tender	<b>Date 07/01/2022 Up to 18.00 Hrs</b>
Date of opening of Tender Fee & EMD Cover Documents Physical as well as online	<b>On or before date 10/01/2022 Up to 18.00 Hrs</b>
Date of opening of Technical Bid Physical as well as online (Tentative)	<b>Date 12/01/2022 up to 12.00 Hrs</b>
Date of On line Opening of Price Bid (Tentative, if possible)	<b>Date 12/01/2022 up to 16.00 Hrs</b>
Type of tender	Item Rate.
Tender Fee	1000+18%gst
Time Limit.	2 Year

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. Tender received through RPAD will be accepted. To be filled by the tenderer,

1. Tender Fee Rs.-----Paid Vide Receipt No-----Date-----
2. E.M.D. Rs.-----Paid Vide Receipt No-----Date-----
3. New Vehicle Deposit Rs.-----Paid Vide Receipt No-----Date-----
4. GST REGISTRATION NO-----
5. PAN NO-----

UGVCL

**Uttar Gujarat Vii Company Ltd.**

SUPDT.ACCTT.  
UGVCL, CO, Visnagar.

Superintending Engineer  
UGVCL, CO, Visnagar.

**IMPORTANT:**

TENDER DOCUMENTS WILL NOT BE ISSUED IN PHYSICAL FORM. After downloading the tender documents from the website and after filling up the required details, same should be submitted by Registered Post A.D. or by Speed Post ONLY super scribing Tender cover by TENDER INQUIRY NO.

(A) Tenders are to be addressed to Executive Engineer, Uttar Gujarat Vij Company Ltd, Division Office, M N college Road Visnagar. (Tenders through Courier Service / Hand Delivery will not be allowed).

(B) All the relevant documents as per requirement of the Tender also to be submitted physically along with the Tender Fee, EMD cover in sealed cover on OR before date as mentioned in above schedule. The tender documents are to be submitted namely Tender fee/EMD/Technical Bid including terms and condition with all important enclosures of the tender documents in separate covers super scribing the respective covers accordingly along with the tender number.: \_ \_ All such documents should be strictly submitted by RPA/speed post only. Otherwise the offer will not be considered and no any further communication in the matter will be entertained.

No tender shall be accepted / opened in any case received after due date and time of receipt of tender irrespective of delay due to postal services or any other reasons and that the UGVCL shall not take any responsibility for late receipt of the tender. One separate cover for tender fee & EMD, Second cover for documents of technical bid and tender copy duly signed by bidders. On both sealed separate cover Name of work, Tender Notice no & Tender ID no., Name of S/Dn., Tender/EMD fee cover or technical bid which ever may be, Name of bidder with their company stamp, address & mobile no to be clearly mention.

Those both cover to be put in a big one cover on which Name of Work, Tender Notice no & Tender ID no., Name of division office., Name of bidder with their company stamp, address & mobile no to be clearly mention.

Note: Initially, Cover of Tender fee & EMD will be opened. The technical bids of Contractors may be ignored / rejected if tenders are found without appropriate Tender fee & EMD.

The bidder has to confirm & sign with stamp all pages of tender down loaded.

(C) Any deviation found Data/Details/Documents between on line offer (e-tendering) and physically submitted documents (Tender document fee, EMD, Vender Registration, Technical and commercial documents etc.) of bidder, offer of the same bidder will not be considered and no any further communication in the matter will be entertained.

(D) It is mandatory for all the bidders to submit their tender documents by both forms viz. on-line (e-tendering) and physically in schedule time. If tender documents submitted in only any one form, say either by on line or physically, in that case the same tender will not be considered.

Any technical questions, information & clarification that may be required pertaining to this inquiry should be referred to Executive Engineer, Uttar Gujarat Vij Company Ltd, Division Office, M N COLLEGE ROAD VISNAGAR

**GENERAL INSTRUCTION TO TENDERER:**

1. Sealed Tenders are invited for maintenance of Distribution transformer of urban area(with supply & labour) for all Subdivision of Visnagar division under Mehsana Circle.
2. Tender documents shall be in one bid system only i.e. "Technical Bid" only. Technical Bid shall have to be submitted in a separate sealed envelope by subscribing specifically the envelope as "Technical Bid". In case of not full filling these conditions the tender will not be processed & such tenders shall be liable for rejection without any scrutiny of technical.
3. For Technical Bid:-  
Technical bid should be submitted with documents as under, failing to which the tender shall be liable for rejection.
  - (i) Solvency certificate issued from any Nationalized Bank amounting to sum 20% of estimated cost
  - (ii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
  - (iii) Latest income tax clearance certificate .
  - (iv) Group Insurance copy of the insurance policy of the insured labourer's under W.C. Act.
  - (v) Details of equipment available with the tendered.
  - (vi) Electrical contractor license as and when required.
  - (vii) Tools & tackle Certificate.
  - (viii) Attested copy of power of attorney, if any, for signing the bid documents.
  - (ix) Contractor having Vendor registration of CLASS A and above can apply.
  - (x) Contractor should produce PAN No. copy
  - (xi) Labour License.
  - (xii) Tender Fee Amount and DD No. & Date.
  - (xiii) EMD amount and DD No. & Date.
  - (xiv) GST Registration is required.
  - (xv) Valid Experience certificate and work order.
  - (xvi) Valid Check list and Work schedule List, Patrolling Report format.
4. UGVCL reserves the right to reject any OR all tenders without assigning any reasons thereof.
5. DD of EMD & Tender fee must be put up in another separate sealed cover. Name of work, Name of Sub Division, Cover for "Tender fee & EMD - DD", Tenderer Name /Company should be mentioned on this cover.
6. No hard copy of tender shall be issued from Circle Office. i.e., it shall have to be downloaded from the website of UGVCL only.
7. Tender should be sent through post Department by RPAD/Speed Post only. UGVCL is not responsible for any delay in receiving tenders due to post department or any other way.

8. Bidders should complete the tender documents in all respects. Each documents must be in order as per the condition of No. 03. Each page of the Tender downloaded from the Website is to be signed by the authorized signatory/person & the rubber seal of the Company/Firm shall also have to be provided on each page.
9. Tender will be opened on the date & time shown in tender notice in presence of present bidders if possible. Otherwise tender will be opened on any other next convenient date by the under signed.
10. No correspondence shall be done for any incomplete tender for any of the Tenderer/Bidder. Bidder will be rejected without prior information. Also before opening the tender bidder must have to perform one sample as per our instruction. Based on that final decision will be taken to qualify in technical bid and price bid.
11. 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 deviations may also be rejected. Incomplete and conditional tenders shall not be considered.
12. UTTAR GUJARAT VIJ COMPANY LIMITED reserves the right to split up the work covered in the scope of this contract amongst more than one contractor as per necessity.
13. Intending bidders should submit their tenders after studying all the tender conditions/ document carefully and visiting the site or satisfying themselves of actual site conditions, location and accessibility of site and nature, extent of the work involved & scope of works etc. Submission of tenders implies that bidders have obtained all necessary information and other deemed data required for executing the work. No claim for extra charges for on account of any misunderstand or non-inclusion or otherwise will be allowed.
14. All approaches to the site shall be in scope of bidders.
15. In the experience certificate, contractor shall have to furnish the details of similar works i.e. execution of erection work of HT Line, LT Line & Transformer Centre, 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 intend to deploy on the site of work to bring in the knowledge of the Company. Also contractor have to put ten lakh rupees work order and hundred number of transformer Maintenance work completion certificate.
16. Price once quoted shall be firm, till overall completion of the work, under contract and there will not be any price escalation/revision.

17. Date of opening of "Price Bid" will be decided later on for bidders who are qualified in technical bid. "Price bid" of only qualifying bidders on the basis of Technical bid shall be opened on line Price bid of bidders, who are not qualified technically as per general instruction to Tenderer as per requirement of Technical bid, shall not be opened price bid.
18. Offers shall be valid for the period of 120 days from the date of opening of price bid. Tenderer cannot withdraw during the validity period, failing to which their EMD shall be forfeited during the said period of 120 days.
19. All the works shall have to be carried out as per the tender conditions and relevant Indian Standard/Specifications/Requirements mentioned specifically.
20. Tenders, which do not fulfill all or any of the conditions of the tender or incomplete in any respect, are liable for rejection.
21. Uttar Gujarat Vij Company Ltd, reserves the right to reject any or all tenders without assigning any reasons thereof.
22. Security Deposit: -  
The lowest tenderer whose tender is accepted shall have to pay 5% security Deposit of the tender cost, in Demand Draft only within 15 days from the receipt of the acceptance order. In case Bidder/Tenderer fails, his EMD will be forfeited and order shall be cancelled without issuing any further notice.
23. Undersigned as and when require can assign the work as shown in this tender after issuing order of any of the Subdivision of Visnagar Division of Mehsana Circle Office & he shall have to execute the work.
24. Contractor has to work in any division of Mehsana circle as assigned.
25. (i) Tender fee & EMD Cover & (ii) Technical bid cover thus both these covers clearly mention Name of Works, Tender Notice No. & Tender ID No., Technical Bid/EMD, Tender Fee which ever may be, Name, Address & Mobile No. of Bidders with rubber stamp seal.  
Both these cover shall have to be put up in a Big third separate sealed cover, Subscribing the Name of Work, Tenderers Name, Address, Mobile No. etc. Tender Notice no & Tender ID No. on this 3<sup>rd</sup> main sealed cover.
26. The tender received after the due date & time, shall not be considered.
27. Tenderer should have his own store for keeping & storing the materials safely which shall be

28. inspected by the officials of UGVCL for the accounting purpose periodically/as & when needed.
29. Bolt & Nuts of appropriate sizes /specifications and quantity will be supplied by the company. In case of non supply from Company; contractor has to purchase or put up bill along with bill.
30. If found successful and AT order is given, the concerned contractor shall have to ensure that all the employees who ever may be working in his contract, will have to be provided with all safety equipments and will use those equipments at the time work while execution of work.
- (i) All suitable & necessary safety measures must be taken by such contractor at the time of execution work & proper awareness among the contractor's employees shall have to be provided by such contractor.
- (ii) In case of any type of accident occurred to the contractor's person while working, UGVCL shall not be responsible for such accident & any type of compensation. Contractor will be solely responsible for such compensation, if any.
31. Penalty:  
If the work is not done as per specification given by the UGVCL in stipulated time in all respects, the penalty will be levied as per UGVCL rules.
32. Jurisdiction:  
Any dispute or difference arising out of or in connection with the contractors this contract if concluded it shall be subject to the jurisdictional area of Mehsana District Court.
33. The GST at the prevailing rate should be paid as per the rules.
- (i) Income Tax at prevailing rate will be deducted as per Income Tax Act.  
The rates shall be inclusive of PF and all other state /Central Government taxes, cess and levies but exclusive of GST. GST at prevailing rate, if applicable will be reimbursed by UGVCL.
- 32.1 Any change in rate of GST shall be entertained during contractual period of Contract.
- 32.2 Moreover, the Contractor shall pay GST of his part on Service portion as per prevailing laws.
- 32.3 The Contractor shall disclose GST amount paid by him in the RA/Final Bill raised for the execution of the work.
- 32.4 The copy of the GST challan paid on previous RA/Final Bill should be submitted to UGVCL for reimbursement.
- 32.5 Circle/Division offices shall verify the GST challans along with the previous RA/Final Bill and reimburse the same to the Contractor.
- 32.6 The payment will be made to the contractor by RTGS subject to an advance stamped receipt being received from payee and details of Accounts for RTGS in prescribed format.
- 32.7 In case the UGVCL decides to award contract on matching end-cost basis, the bidder has to reduce the quoted rates. The confirmation for matching end cost shall be given within 7 (seven) days by the letter to UGVCL from the date of issuance of letter.
- 32.8 Earthing certificate must be taken from the Line Staff and it is to be submitted along with the final bill.
- 33 At the Time of Submission of Physical Bid on or Before Physical Bid submitting date, Bidder must have to submit all material sample with type test Report by ERDA/CPRI/Govt. Sleeve, Boot, HRC Fuse/Base, Fuse



- 34 Link, EPR Tap, Breather, Aluminum patta, Rubber Gasket for HT/LT side, Bushing of HT/LT, Earthing Road, Compound etc. which has been used in Transformer maintenance work to “ UGVCL Mehsana RSO or Division store of Mehsana ”, duly packed with Sign. If Bidder will go failed to it then he will be liable for rejection without any prior information.
- 35 In the experience certificate, contractor shall have to furnish the details of similar works i.e. execution of Transformer Maintenance 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 intend to deploy on the site of work to bring in the knowledge of the Company. Also contractor have to provide Seventy five(75) number of transformer Maintenance work experience certificate.
- 36 HT boot should be provided with guarantee of 1.5 years from the date of installation.
- 37 27. Period of the PoC: The bidder shall have required to establish the PoC within 3-5 (Three to Five) Hours period after allotment of Transformer at particular site. The bidder who will not remain present to establish the PoC during the period of the PoC will be declared as disqualified.
- 38 However, depending upon the number of bidders, UGVCL may give suitable date / time to the bidder for establishing PoC. The time of the PoC is within office hours. The bidder has to establish the PoC within the given time schedule of two days from the date / time given by UGVCL in such case. Decision of UGVCL in PoC will be final. Any request regarding extension in period of PoC will not be entertained.
- 39 Successfulness of PoC: Within the scheduled time period as mentioned above or separately given by UGVCL the bidder has to establish the Proof of Concept as above or asked by competent authority. If the bidder fails to establish the PoC as mentioned above before the UGVCL Authority, the bidder shall be disqualified and price bid shall not be opened.
- 40 Photographs of before work and after work are to be taken from same angle and to be attached with bill. Soft copies of same photographs will have to submit to subdivision office.
- 41 All labours have to work with safety tools and tackles and work with safety procedure.
- 42 Contractor will be responsible for any type of electrical / mechanical accident while executing work.

Executive Engineer,  
UGVCL, Visnagar do.

**Details of contractor:-**

Sr. NO	Description	Contractor's Detail
1	Name & Address of Firm/Company	
2	Address of contractor's Store(Where Company's inspector can visit for inventory purpose)	
2	Electrical Contractor License No. with Renewal date (If Applicable)	
3	Existing Manpower in the Firm ( including number of Person in Gang)	Nos. of Skilled worker : Nos. of unskilled worker : Nos. of Electrical Supervisor :-
4	Name of Electrical Supervisor with Permit No.	
5	Last year Turnover of the Firm/Company (2018-2019)	
6	Solvency issued Bank Name and Solvency No./Date	
7	P.A.N No.	
8	PF No. (If Applicable)	
9	ESIC NO. (if Applicable)	
10	GST No. (if applicable)	
11	Labor license No. (If Applicable)	
12	Vendor Registration Details ( ) :-	

Signature of Vendor/Contractor

Date:

Place:

<u>Technical Specification</u>			
<u>SR NO</u>	DESCRIPTION OF SUPPLY ITEM	Technical Specification	Mentioned name of Company
1	11 kv sleeve on 55/100 mm <sup>2</sup> conductor	Dielectric Strength-20KV/mm (Min), ASTM D149, volume resistivity $1 \times 10^{14}$ Ohm-cm 9min, Breakdown voltage -45 kv (min) ,Thermal Strength-400 C/4hrs, Fire Retardant, Flame proofe up to 3.25 KV for 20 min ASTM D2303	
2	11 kv XLPE+PVC INSULATED coated conductor	Thickness of XLPE Coating-1mm,thickness of PVC coating-1 mm/XLPE Coating Inner Side & PVC coating Outer side	
3	Fuse Element Provided with rated amp capacity	Different size of fuse elements As per UGVCL specification	
4	11kv DO set	12 KV Rated voltage,100 Amp rated current, copper contact silver faced, and ferrous parts shall be hot dip galvanized and spring washer shall be electro galvanized	
5	HT boot with all accessories(Cap,Grommets,Rainshed,Silicon Grease)-For Bushing	Cable Size -34 mm <sup>2</sup> -100 mm <sup>2</sup> , removable and reinstallable, impulse with stand 170 Kvp, Ac High Volt power Freq 170 Kv, Dielectric strength 18 KV/mm, IEC -60060-1-2010, Wall Thickness 4.5 mm+- .5 mm, Nominal & Max system voltage sustain 33 KV & 36 KV	
6	For Cable Terminal	As per UGVCL specification	
7	Rubber Gasket at HT side	As per UGVCL specification	
8	Rubber Gasket at LT side	As per UGVCL specification	
9	Bi metallic clamp (Patta ) (according Xmer capacity) for termination of LT cable	As per UGVCL specification	
10	proper size of lugs, washer nuts and provide LT PVC/EPR tap	As per UGVCL specification	
11	HT Bushing	as per IS 4257-17.5 KVCLASS, Porcelain Material,	
12	LT Bushing	as per IS 4257-250/433 v CLASS, Porcelain Material,	
13	Breather	Silica Gel-.500 Kg,Pipe thread -1/2 inch and Metal Body	
14	Half stud	As per UGVCL specification	
15	New earthing -Electrode type	2mtr Electrode+25*3 hot deep strip, size of pit -2*2*6 ft,Bentonite powder-325 kg)	
16	New earthing -Coal-salt type	GI no. 8 - .848 kg,Rigid PVC Pipe-20 mm dia(1.5mtr) coal 5 kg n salt-5 kg type	
17	HRC Fuse for FSP (Capacity wise)200 A	As per UGVCL specification	
18	HRC Fuse for FSP (Capacity wise)400 A	As per UGVCL specification	

**NOTE: 1)All material should be supplied from approved Supplier of DISCOM**

**2)Type Test of supply material is preferable**

:: GENERAL ::

For maintenance of Distribution transformer of urban area (with supply & labour) for all Division of Mehsana Circle.

1. General:

The work should be strictly as per specifications and approved designs of the company. The inferior and unsatisfactory work is liable to be rejected. The work will have to be carried out as per program laid down by department and under the entire instruction of field engineers and contractor should employ supervisor who could supervise the works throughout and he should remain present on site. No tools will be supplied by the department. The work is found inferior and not up to standards of the company is liable to be rejected at the risk and cost of the contractor. Any expenditure incurred for rectification work carried out departmentally or by employing harmony labour will be recovered from his R.A. Bills of the contractor of the contractor fails to rectify the inferior work done by him insists of instructions to rectify the same. Contractor will have to submit the certificate work of the 2nd class wireman under whose supervision the work has been carried out.

2. Important:

Before starting the work (new, alteration or addition) and during the works the contractor must obtain line clear wherever necessary for the concerned officer of this department of other department. For any damage done to the men, materials of property due to non observance of rules, the responsibility will be of the contractor.

3. The contractor will be given the separate order for each work on the basis of the rate contract order. The date of issue of sub work order will be consider as the date of commencement of sub work order and date of completion of work will be stipulated in the order i.e. 30 days which the contractor has to agree otherwise the penalty will be leviable for the late completion of work as per Company standard conditions. The R.A. bills and final bill will be admitted against this order and will be finalized accordingly.

4. Site clearing and tree cutting which come in the way of line will be done by the contractor at his cost. The Company will assist the contractor in getting necessary permission for tree cutting etc. Any claim for compensation in above respect will have to be borne by contractor.

5. In case of shortage or loss or damage to materials the cost of the same will be recovered from The Contractor at stock issue rate or prevailing market rate at the time of finalization of bill whichever is higher plus 15% overhead charges.

6. The contractor will be fully responsible for any damage, breakage, loss or theft of materials during transit or erection issued to him from stores till the time the work is handed over to and taken over by the Company. The cost of or damage shall be recovered from him

SIGNATURE OF THE CONTRACTOR:

**: GENERAL INSTRUCTION TO TENDERERS**

Tender Fee & Earnest money deposit should be submitted in form of Demand Draft only in favors of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at Visnagar

1. Bidders should complete the tender documents in all respects and they are to be signed with Company's seal on all pages.
2. 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.
3. UTTAR GUJARAT VIJ COMPANY LTD reserves the right to split up the work covered in the scope of this contract amongst more than one contractor.
4. 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.
5. Materials will be issued strictly as per requirement & not in lot.
6. 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.
7. Contractor should observe labor laws as per prevailing rules of Govt. of Gujarat. (anytime If company requires to check register regarding labor laws contractor must ready for this.)
8. Tree Branches should be trimmed such a way that distance of nearby conductor and trimmed branch must remain 5' Horizontal and 5' vertically.
9. Old material removed from line (If any) must be credited in Division Store.
10. All tools, tackles used in maintenance will be provided by contractor.
11. Transportation of labor for the work should be done by contractor.
12. For any dispute jurisdiction of legal will be at Mehsana Ahmedabad district.
13. 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.
14. Tenders, who do not fulfill all or any of the conditions of the tender or incomplete in any respect, are liable to rejection.
15. Superintending Engineer Visnagar division office under Mehsana Circle reserves the right to modify/cancel the tender by giving notice to the bidder.

Signature of Contractor

With seal

Executive Engineer

UGVCL, Visnagar do

**SCHEDULE-B (Part-1)**

**Maintenance of Distribution transformer of urban area (with supply & labour) for Visnagar Division of Mehsana Circle**

Sr No.	Details of works	UNIT	QTY	RATE	AMOUNT	UNIT	QTY	RATE	AMOUNT	TOTAL AMOUNT
1	Fix charge for maintenance of under ground network Transformer including following particulars	NO.				NO.	61	4100	250100.00	250100.00
	Physical inspection of Entire TC with Breaker / RMU									
	Checking and providing of terminals, connection including supply materials									
	Checking and repairing of earthing connection									
	Cleaning of fencing and tree cutting									
	Checking and topping of oil level									
	Meggering between ph-ph and ph neutral									
	Replacement of breather / Refilling of Silica gel									
	Repairing of DO fuse, jumpering and providing proper rated fuse element									
	Lighting arrestor rejumpering and make proper arrangement of earthing									
	Voltage and Ampere measurement / peak time ampere measurement(RYB)									
	Blower cleaning									
	Vehicle charge per transformer									
	Material: Fuse element, Lugs, PVC, CRC Spray, Nut Bolt, Breather, Washer, Half Stud, Form to be solid spray-POP, Cable ties etc. material used									
2	Fix charge for maintenance of under ground network Transformer including following particulars	NO				NO	70	3200	224000.00	224000.00

Physical inspection of Entire TC with Breaker / RMU									
Cheking and providng of terminals, connection including supply materials									
Cheking and repairing of earthing connection									
Cleaning of fencing and tree cutting									
Cheking and topping of oil level									
Meggering between ph-ph and ph neutral									
Replacement of breather / Refilling of Silica gel									
Repairing of DO fuse, jumpering and providing proper rated fuse element									
Lighting arrestor rejumping and make proper arrangement of earthing									
Voltage and Ampere measurement / peak time ampere measurement(RYB)									
Blower cleaning									
Vehicle charge per transformer									
Material: Fuse element, Lugs, PVC, CRC Spray, Nut Bolt, Breather, Washer, Half Stud, Form to be solid spray-POP, Cable ties etc. material used									

**SCHEDULE-B(Part-2)**

**Maintenance of Distribution transformer of urban area (with supply & labour) for Visnagar Division of Mehsana Circle**

Sr No.	Details of works	UNIT	QTY	RATE	AMOUNT	UNIT	QTY	RATE	AMOUNT	TOTAL AMOUNT
1	Old aging transformer to be replace & credited to store fro all capacity of transformer	NO				NO	70	1800	126000.00	126000.00
2	Painting of two coats on fabricated material on DP structure INCLUSIVE COLOUR	NO				NO	70	235	16450.0	16450.0
3	Bus-bar of DP structure with11 kv sleeve on 55 mm2 conductor and Incoming jumper with termination up to upper side of the DO- if possible (non fire retardant)	MTR	350	300	105000.00	MTR	350	50	17500.00	122500.00

4	Bus-bar of DP structure with 11 kv XLPE+PVC INSULATED coated conductor and Incoming jumper with termination up to upper side of the DO- if possible	MTR				MTR	350	50	17500.00	17500.00
5	11kv DO set to be provided with dismantling of existing DO set and crediting to store	NO				NO	100	500	50000.00	50000.00
6	Fixing of HT boot with all accessories(Cap,Grommets,Rain shed,Silicon Grease)	SET	100	1250	125000.00	NO	100	60	6000.00	131000.00
7	Rubber Gasket at HT side	NO	200	47	9400.00	NO	200	30	6000.00	15400.00
8	Rubber Gasket at LT side	NO	200	47	9400.00	NO	200	30	6000.00	15400.00
9	Bi metallic clamp (Patta ) (according Xmer capacity) for termination of LT cable	NO	200	150	30000.00	NO	200	30	6000.00	36000.00
10	EPR HT tap	NO	150	500	75000.00	NO	150	50	7500.00	82500.00
11	Replacement of LT cable according to connected load	MTR				NO	350	355	124350.00	124350.00
12	Replacement of HT Bushing	NO	200	180	36000.00	NO	200	80	16000.00	52000.00
13	Replacement of LT Bushing	NO	200	61	12200.00	NO	200	50	10000.00	22200.00
14	New LTDB to be Provided with wiring,Clamps,Nut Bolt with dismantling old LTDB credited to store	NO				NO	71	800	56800.00	56800.00
15	LA to be provided-if possible	NO				NO	200	150	30000.00	30000.00
16	New earthing to be provided ( 2mtr Electrode+25*3 hot deep strip, size of pit -2*2*6 ft, Bentonite powder-325 kg)	NO	70	3500	245000.00	NO	70	1500	105000.00	350000.00
17	New earthing to be provided ( GI no. 8- coal 5 kg n salt-5 kg type)	NO				NO	70	419	29330.00	29330.00
18	Fencing Color	NO	50	850	42500.00	NO				42500.00
19	Replacement of Base of HRC fuse	NO	200	850	170000.00	NO	200	50	10000.00	180000.00
20	HRC Fuse to be provided in FSP (Capacity wise)200 A	NO	70	850	59500.00	NO	200	25	5000.00	64500.00
21	HRC Fuse to be provided in FSP (Capacity wise)400 A	NO	200	1100	220000.00	NO	200	25	5000.00	225000.00
22	Kit kat Fuse to be provide in FSP ( Capacity wise ) 200 A TOP	NO	200	291	58200.00	NO	200	15	3000.00	61200.00
23	Kit kat Fuse to be provide in FSP ( Capacity wise ) 200 A BASE	No	200	291	58200.00	NO	200	15	3000.00	61200.00
<b>Total without GST</b>										<b>2385930.00</b>

Signature of Contractor

Executive Engineer

With seal

UGVCL, Visnagar do