

Vendor Registration for Transformer repairing work.

Supplier: Gujarat State firms or outside Gujarat state firms, who have got adequate facility for repairing and testing of distribution transformer and have supplied at least 100 nos. of new Distribution Transformers of CRGO core of 1-ph 5KVA 11 KV /0.250V, 3-ph 10KVA, 16KVA, 25KVA, 50KVA, 63KVA, 100KVA, 200KVA, 300KVA & 500KVA of 11-22 KV /0.433V capacities & amorphous core 5/10/16/ 25/ 63/ 100/200 KVA of 11 KVA/ 0.433V against Purchase Orders issued by PGVCL/ UGVCL/ /MGVCL/ DGVCL/ SEBs/ Power Utilities during last three financial years & have repairing set up in jurisdiction of PGVCL OR outside jurisdiction PGVCL area but within the state of Gujarat, shall have to apply for separate vendor registration by paying VR fees of Rs.15000/- (non-refundable) by DD payable at Rajkot and produce in EMD cover along with technical bid.

New Repairing Agencies:

(Repairing unit should be within jurisdiction of PGVCL OR outside but within state of Gujarat)

New interested repairers/firms who have already paid vendor registration fee are eligible to participate in the forthcoming tender and who have not paid vendor registration (VR) fee also eligible to participate in tender by paying VR fees of Rs.15000/- (non-refundable) by DD payable at Rajkot at the time of participating tender and produce in EMD cover along with tender technical bid. During registration, party has to submit the documents of proposed location of factory & undertaking to establish the factory set-up along with all testing instruments & machinery as per Annexure-B & Annexure-B-1 within 90 days' time limit from date of LOI/LOA at approved location. However, PGVCL reserves the right to extend this time limit of 90 days in exceptional circumstances.

Feasibility of proposed site of factory location from approachability point of view shall be verified by PGVCL for such new bidders before technically qualifying the bidder & if found suitable, the bidder shall be technically qualified based on the documents submitted.

1. Minimum Requirements for Transformer Repairing Agencies

- Independent constructed factory shed.
- Sufficient open land for storing of failed/repared transformer with movement of man/material/vehicle.
- Loading and unloading facility for failed/repared transformer.
- Permanent Electric connection with minimum 25 HP for under LTP-I category or 20 KW under LTP-III category tariff. For the purpose of connection LTP-1 tariff or connected load with using machinery or not using machinery will be considered.
- All necessary machinery for repairing of dist. Transformers such as winding machine, drill machine, welding machine (electric/arc welding/gas welding) Oven for storing minimum 20 Nos. of job of 11 KV/22 KV.
- Oil filter machine with sufficient capacity.
- Chain pulley block of 2 ton capacity or electric hoist of similar capacity.
- Testing equipment suitable to carry out all acceptance test as per IS: 1180 and IS: 2026 along with calibrated meters.
- Test bench for conducting acceptance test with high accuracy class of meters.
- List of machinery as per Annexure B-1.
- List of testing instruments as per Annexure B-2
- Proof of owner ship deed.
- List of partner/director.

- Agency should be working in shift duty during peak season of repairing,
- Agency detail as per Annx-C

2. Financial Capacity:

- Bidder should have to submit latest solvency certificate equivalent to **Rs 5 (five) lacs** from scheduled Bank as per prevailing GOG norms.

3. Statutory compliances:

- The bidder should have VAT, Service tax no, PAN no etc and other legal obligations like worker compensation, etc.

4. Capacity of transformer under the rate contract:

- 1PH 11 KV/0.250 KV 5-KVA & 3-PH 11 KV/0.433 KV ,22 KV/0.433 KV 10,16,25,50,63,75,100,150,200,250,300,500KVA CRGO core (stack,wound,dry,SDT,PAT) and 1PH 11 KV/0.250 KV 5-KVA & 11 KV/0.433 KV 5,10,16,25,63,100,200 KVA Amorphous core transformers.

5. New agencies:

- Registration fee Rs.15000/-.

6. Shifting of Shed:

- For the shifting of the shed within the Circle or between the Circles or between the Companies, the formalities should be done as per the new agencies, i.e. paying the registration charges, re inspection of the factory etc.

7. Name transfer/ Change of partner, addition alteration of partners:

- Processing fee of Rs 5000/-.

8. Security Deposit.

- S.D. will be Rs 1.40 Lacs for new agencies.

9. Insurance:

- Insurance amount is Rs. 10 lacs for the transformer lying in the custody of the repairers

10. Name plate:

- New name plate must be provided by the repairer including mentioning the losses of the transformer

11. Coil cutting:

- A coil cutter machine should be available at the agency to cut it in minimum three pieces

12. Allotment of the works-Quota

- Up to 10 % failure rate and without making delay in repairing, the quota of maximum 100 no at each time will be allotted by the concerned CE and there after the allotment of the quota up to 25% of failure rate will be decided as per norms of the company. But, in no case the quota should be enhanced if the failure rate is exceeds the 25%

13. Calibration of the instruments:

All the measuring instruments of the repairing agency must be calibrated at NABL Lab once in a year.

Annx-B1 LIST OF MACHINERY

SR. NO	ITEM	QTY	MAKE	SR NO
1	H.V. WINDING MACHINE 1 HP			
2	L.V. WINDING MACHINE 2 HP			
3	AIR COMPRESSOR WITH MOTOR & OTHER ACCESSORIES			
4	SPRAY GUN			
5	DRILLING MACHINE			
6	FLEXIBLE SHAFT GRINDER			
7	JIB CRANE 1 TON CAPACITY			
8	CHAIN PULLEY BLOCKS WITH LOADING & UN LOADING ARRANGEMENT 2 TON CAPACITY.			
9	OVEN/DRIER WITH 1 HP MOTOR 8 KW CAPACITY 100 DEG. C TEMP (Temp. controlled oven)			
10	OIL FILTER MACHINE 120GPH CAPACITY			
11	VARNIER CALIPERS AND GUAGE METER			
12	WELDING MACHINE-300 AMP			
13	GAS CUTTING CYLINDER AND EQUIPMENT.			
14	CIRCLE CUTTING MACHINE			
15	WEIGHING MACHINE			
16	SHEARING MACHINE			
17	FLY PRESS AND DIE FOR CUTTING DOVETAIL BLOCKS.			
18	COIL CUTTING MACHINE			

Annx. B-2 LIST OF TESTING INSTRUMENTS

SR. NO	ITEM	QTY	MAKE	SR NO	RANGE	ACCURACY	DATE OF CALIBRATION	LAB REPORT NO & DATE
1	VOLTMETER 0-150-300-600v	1 No						
2	AMMETER 0-10 AMP	1 No						
3	WATTMETER 0-750w 0-150-300-600V 5/10 AMPS Range.	2 No						
4	RATIO METER RANGE 111.1	1 No						
5	MEGGAR 1000 VOLTS	1 No						
6	H.V. TRANSFORMER 0-50 KV	1 No						
7	L.V. TRANSFORMER 0-3 KV	1 No						
8	CURRENT TRANSFORMER	1 No						
9	POTENTIAL TRANSFORMER	1 No						
10	OIL TESTING SET	1 No						
11	DOUBLE VOLTAGE	1 No						
	GENERATOR 100 CYCLE 250, 500, 1000 V	1 No						
12	STOP WATCH	1 No						
13	CLIP ON METER	1 No						
14	WHEATSTONE BRIDGE	1 No						
15	DIGITAL METER OR KELVIN BRIDGE	1 No						
16	INTERMEDIATE TRANSFORMER	1 No						
17	PANEL METERS OF TEST BENCH	1 No						
18	POWER ANALYZER	1 No						

All testing equipment should be 0.5 class accuracy or better.

Power analyzer should be provided 0.2 class accuracy or better, duly calibrated at third party Government/NABL approved laboratory within 3 months.

Annx-C**Repairing Works Details**

PASCHIM GUJARAT VIJ COMPANY LIMITED		
Sr. No.	Particular	Description
1	Name of Repairing Agency	
2	Address & Phone Numbers	
	1) Office	
	2) Works	
3	SSI Registration & Date	
	Copy must be attached	
4	Detail of Shed	
	Copy of lay out is to be submitted	
	A) Built up area	
	B) Open Area	
5	Type of Shed - Own/Rental	
	Copy of documents must be submitted	
6	Proprietorship/Partnership	
	Copy of documents of ownership/rental is to be submitted	
	A) Name of Proprietor:	
	Office Address & Phone Numbers	
	Residence Address & Phone Numbers	
	Name of Partner	
7	Name of Qualified Engineers:	
	Qualification	
	Address & Phone Number	
	Experience	