

Tender Ref No./ED/EE-III/OT-I/G/09-10/30.

**GOVERNMENT OF PUDUCHERRY
ELECTRICITY DEPARTMENT**

Telephone: 2338689

**OFFICE OF THE EXECUTIVE ENGINEER-III
ELECTRICITY DEPARTMENT, PUDUCHERRY – 605001**

Tender Notification No.323/ ED/EE-III/OT-I/2009-10, dt: 20.11.2009
.....

Name of the work:- SUPPLY OF SPARES AND REPAIRING OF 99 Nos.
(Approx) OF SICK DISTRIBUTION TRANSFORMERS.

1. Date & Time for Receipt of Tender – 14.12.2009 upto 11.00 A.,M.
2. Date & Time for Opening of Tender –14.12.2009 at 3.30 P.M.

SOLD

**Price: Rs. 1,000.00
(plus VAT @ 4%)**

To

M/s

Serial No

Cash Receipt No.

Date:

**EXECUTIVE ENGINEER-III
ELECTRICITY DEPARTMENT
PUDUCHERRY**

Puducherry – 605001

Date:

**GOVERNMENT OF PUDUCHERRY
ELECTRICITY DEPARTMENT**

Specification No. ED/EE-III/OT-I/2009-10/30

**Office of the Executive Engineer-III,
Electricity Department, Puducherry-1
Price Rs. 1000.00 (plus 4% VAT)**

1 TENDER FORM FOR SUPPLY OF SPARES AND REPAIRING OF 99 Nos.(Approx) OF SICK DISTRIBUTION TRANSFORMERS.

Sealed tenders in prescribed form will be received on behalf of the President of India by the Executive Engineer-III, Electricity Department, Puducherry-605001 upto 11.00 A.M on 14.12.2009 from all intending tenderers for the supply of spares and for undertaking repair works on 11 & 22 KV sick distribution transformers of various capacities 100 KVA to 630 KVA as per specification. The tenders received after the due date and time will be rejected.

Tenders should be addressed to the Executive Engineer-III, Electricity Department, Puducherry-1 and should be sent in sealed covers with the following superscriptions.

“Tender to Notification No. 323/ED/EE/OT-I/09-10”/dt: 20.11.2009,
Due date: 14.12.2009.

The envelope should be addressed only to the Executive Engineer-III, Electricity Department, Puducherry-1. The envelope should also bear the name and address of the firm and seal, if any.

The tender should be as per the enclosed prescribed tender form. Otherwise, the tender will be rejected.

- a) If the tender is made by an individual, it shall be signed with his full name and his postal address shall be given.
- b) If it is made by a firm, it shall be signed with the co-partnership name, by a member of the firm, who shall sign his own name and the name with the address of each member of the firm.
- c) If the tender is made by a corporation, it should be signed by a duly authorized officer who shall produce with his tender satisfactory evidence of his authorization. Such tendering corporation may be referred before the contract is executed, to furnish evidence of its corporate existence.

2. EARNEST MONEY DEPOSIT: The tenderer must pay as “ EARNEST MONEY DEPOSIT”, a sum of Rs. 75,000/- (Rupees Seventy five thousand only) by a Demand Draft on any scheduled bank or State bank of India drawn in favour of the Executive Engineer-III, Electricity, Department, Puducherry, payable at State Bank of India, Puducherry, should be attached to the tender. Cash, cheque, or bank guarantee should not be sent and deposit made by a cheque will on no account be accepted. Firms registered with NSIC or DGS & D or as SSI unit of the Government of Puducherry for the manufacture/supply of the spares quoted and for undertaking the repair works on transformers of 50 KVA and above are exempted from payment of EMD. Tenders without requisite amount of EMD will in the first instance be rejected.

The EMD will be refunded to unsuccessful tenderers immediately after the tender has been finalized and on receipt of application from them along with advance stamped receipt for the amount. The EMD of successful tenderers shall be retained as additional security deposit for due fulfillment of the contract and will not bear any interest.

3. VALIDITY OF THE TENDER: Tenders should be valid for acceptance for a period of atleast 90 days (Ninety days) from the date of opening from the date of receipt of sample, whichever is latest.

4. DEVIATIONS from any standard specification or clauses of specification shall be clearly pointed out. Clauses not so commented upon shall be taken as having met with the approval of the tenderer will be binding on him.

5. TENDER OPENING: Tenders will be opened by the Executive Engineer-III, Electricity Department, Puducherry-1 at 3.30 P.M on the due date 14.12.2009. The tenderers or their authorized agents may choose to be present at the date and time of opening of the tenders. The tender receiving officer will on opening of tenders prepare a statement of the rates quoted by the various bidders and will get the statement signed by the respective tender present for the opening the tenders. him. The absentee tenderer shall then accept the statement of correction without any question whatsoever.

The Electricity Department, Puducherry reserves the right to reject any or all the tenders, award any portions of the order to any one tenderer or more tenderer irrespective of the rates being equal or not, and at his discretion increase or decrease the quantity while ordering and during the period of contract after ordering on any of orders or all orders.

6. SECURITY DEPOSIT:

The successful tenderers should furnish a bank guarantee in the prescribed format for Rupees five lakhs valid for eighteen months and furnish the same for acceptance, within one month from the receipt of the provisional order. Failure to furnish the security deposit as defined above may entail forfeiture of the EMD.

The EMD and security deposit will be released only after the contract is completed to the satisfaction of the department. If the department incurs any loss or damage on account of the breach of any of the clauses mentioned in the order of any other amount arising out of the contract becomes payable by the contractor to the department, then the department will in addition to such rights it may have under law, appropriate the whole or the part of the security deposit plus EMD and such amount that is appropriate will not be refunded to the contractor.

After the furnishing of requisite security deposit, a work/purchase order will be placed on the successful bidder for a period of one year which should be acknowledged. Failure to acknowledge the receipt of order may entail forfeiture of the total security deposit and cancellation of the order with suitable penalty as may be deemed fit by the Electricity Department, Puducherry.

On complete fulfillment of the contract to the satisfaction of the department, the security deposit and EMD paid by the contractor shall be returned to him after the guarantee period within the reasonable time after deducting the amount if any due to the department.

7. TRANSPORT OF TRANSFORMERS

All transactions, inspections, loading of sick distribution transformers and unloading of repaired transformers will be allowed only during the following working hours (in general) on all working days in the general stores/Special maintenance yard in Puducherry.

Fore Noon : 9.00 A.M to 12.00 noon

After Noon: 2.00 P.M to 5.00 P.M.

The repaired units shall be arranged to be delivered to the central stores/SPM section of the department. The transportation charges for the said delivery has to be borne by the contractor only.

8. SAFETY OF MATERIALS:

The contractors will be responsible for safe transport and repairing/reconditioning of sick distribution transformers entrusted to him and the cost of the rectification of any loss or damage will be recovered from the contractor as deemed fit by the department. The contractors will be responsible for the safe custody of transformers and repairs till they are handed over to the concerned officer of this department. If the contractors or his employee breaks, damages or effects any building, equipment etc., of the department, in the course of loading, unloading, transport, repair works etc., of the transformers the contractors will make good the same at his expense and in event of his refusal/failure to do so the cost of rectifying the damage will be made good to the department from out of the amounts due to him.

9. EXECUTION OF WORKS:

- i) The sick distribution transformers will be handed over to the contractor after draining the oil completely. For the defective transformer handed over, the Assistant Engineer/Special Maintenance or Store Superintendent/Central Stores, Puducherry, will prepare transport note or delivery challan which will be signed by the contractor or his authorized representative in token of having received the transformers. The original and duplicate copy will be given to the contractor. The sick distribution transformers will be opened at the contractor's work site in the presence of the Engineers authorized and Financial Controller of Electricity Department, Puducherry. The details of the defects noticed the joint assessment shall be recorded in triplicate in Proforma-I duly signed with date by both the representative of the department and the authorized agent of the contractor. The original will be retained by the department's representative and the other two copies will be handed over to the contractor. The contractor has to enclose the duplicate copy along with the bill.
- ii) The contractor should not sublet the contract. In the event of the contractor subletting the contract, the contractors may be considered to have committed a breach of contract and his security deposit is liable to be forfeited to the department.
- iii) The contractors will not claim for compensation for accident etc, arising out of or in the course of transport in vehicle to his workshop etc.,

- iv) **The contractors shall be responsible for any act done by him or his servants or his representative or for any violation/omissions of the provisions of the contract by such servants or representatives.**
- v) **The contractors shall employ a qualified and experienced person in the repair and reconditioning of the distribution Transformers who shall be present at the time carrying out the repair works and all works shall be carried out under his direct supervision.**
- vi) **In respect of failed HV & LV coils the rate for the new coil is to be claimed in terms of Kgs. For these purpose, the weight of the failed coil plus 5% for wastage and damage may be taken for claiming the value of new replacement coil.**
- vii) **For filling of the transformers after repairs, tested transformer oil will be supplied by the department to the extent feasible. The contractor shall account for the quantity of the transformer oil handed over to him. Transformer oil required for cleaning the unit during repair has to be supplied by the contractor himself.**
- viii) **In case the department is not able to supply tested transformer oil, the contractor shall supply and fill up with the new tested transformer oil for which he will be paid as per the item 12 under Annexure-II.**
- ix) **If the Buy-Back offer is not accepted by the Department all the released materials such as HV and LV coils and metal parts shall be returned to the department, and proper acknowledgement obtained. The retrieved coils will be weighed without burning out the insulation layers and taken into stock of the department.**
- x) **The sick distribution transformers after repair shall be hot oil circulated and all the tests that are required by the department shall be conducted in the presence of AE/SPM of this department. A report in triplicate in the standard form (proforma-II) shall be prepared. One copy shall be handed over to AE/SPM. The second copy shall be sent along with the bill. The third copy may be retained by the contractor.**

- xi) After rectification, the rectified transformer will be transported back and handed over to AE/SPM or the Stores Superintendent, Electricity Department, Puducherry and proper acknowledgement in duplicate should be obtained.**
- xii) The contractor shall keep the schedule of repairs to the sick distribution transformer that will be fixed by AE/SPM or Engineers authorized by the department in consultation with the contractor.**

10. GUARANTEE:

The transformers shall be guaranteed for satisfactory performance for a period of one year from the date of commissioning of transformers after repairs.

In the event of failure of the part of transformers which were repaired/replaced by the contractor or failure of the transformer due to poor workmanship of the repairs carried out by the contractor, the contractor shall make good the failed part or the whole transformer free of cost to the department at the opinion of the department. It will also be open to the department to reject the repaired units and the claim full compensation for the loss or damages to the department. Irrespective of Number of failure and repairs, the contractor is responsible for free replacement or repair of the failed transformer till the same serves a continuous period of 12 months from the date of commissioning after the last repairs.

If the coils replaced by the contractor failed during the guarantee period. It must be replaced free of cost by the contractor.

If the coil was not replaced by the contractor it must be replaced at department's cost.

A guarantee certificate to this effect shall be given along with the bill.

11. REPAIR CHARGES:

- i) The repair charges/spares given in the Annexure I & II will be paid to the contractor for the items of repair attended to by him in respect of each transformer repaired. Hence while claiming the bill the item No. as per Annexure I & II shall invariably be mentioned.**
- ii) Excise Duty:**

The Excise duty will be paid extra as applicable for this work contract on production of relevant Excise duty gate pass vouchers. Excise duty will not be admitted for the items covering labour under Annexure-I.

For any delay in delivery of transformers to stores, the increase in statutory levies such as Excise Duty, Sales tax etc., if any or fresh levies which becomes payable due to such delay should be borne by the contractor.

- iii) **SALES TAX / VAT:**
Sales tax / VAT will be paid extra and as applicable for items under Annexure-II.
- iv) The contractor shall furnish an undertaking to the effect that any statutory levies like excise duty, sales tax, VAT etc., claimed and reimbursed by the department is final and that there is no dispute over the liability for such levies between the supplier and the Government. An undertaking shall also be furnished that if the contractor has subsequently got any refund out of the duty/tax paid and if it is established that the supplier is not liable to pay the duty/tax the benefits should be passes on to the department.
- v) The rates indicated in the Annexure I & II shall be kept firm during the currency of the contract. No price revision on any of the materials/charges will be considered on any ground, during the benefits should be passes on to the department.
- iv) The successful tenderer should also supply the additional spare parts as and when requested by this department at the same rate quoted in this tender.

12. PAYMENT: 100% payment will be made on receipt of contractor's bill in triplicate along with advanced stamp receipt within 30 days after the receipt of the transformers in good condition at stores, subject to fulfillment of the terms and conditions of the contract.

No other terms of payment will be accepted. Tenders with any other mode of payment other than the above will be summarily rejected.

Payment for te supplies will be made by demand draft in Rupees on the State Bank of India, Puducherry or any other branches of State Bank of India.

The Bill towards supply of spares as per clause 11 (vi) above should be sent separately and payment will be made as per terms and conditions of the tender.

13. PERIOD OF CONTRACT:

The accepted rate as per Annexure I & II will be in force for a period of one year. The contract period may be extended by giving a month notice by the department with the consent of the contractor.

14. SATISFACTORY COMPLETION OF THE CONTRACT:

If the contractor fails to execute the work satisfactorily as per the contract entered into, the Bank guarantee in lieu of security deposit will be invoked and the contractor will be called upon to remit the money stipulated in the tender schedule given in lieu of EMD. In addition, the contract is also liable to be terminated without any notice.

15. DELIVERY/LIQUIDATE DAMAGES:

The sick distribution transformers should be taken delivery within 7 days from the date of receipt of intimation either in writing or through telephonic message from the department and the transformers should be repaired and returned within 20 days from the date of assessment of repair by AE/SPM OR Engineers authorized by Electricity Department, Puducherry. The tenderer, should also indicate the capacity of the firm to undertake repair of sick distribution transformer in a month. If the transformer are not taken delivery and returned after repair within 7 / 20 days liquidated damages at (0.5%) per week upto a maximum of 10% of repair charges of the concerned transformer will be levied.. The department reserves the right to recover the amount towards liquidated damages from any other amount due to the firm such as balanced amount/retention amount besides EMD/Security deposit amount.

16. DUES TO DEPARTMENT:

Amount due from the contractor to department for default in this contract or any other contract will be adjusted from the pending payment against this contract.

17. RAW MATERIALS:

It is the responsibility of the contractor to make his own arrangement to procure the necessary raw materials required to repair the sick distribution transformers.

18. FORCEMAJEURE:

If at any time during the continuance of this contract, the performance in whole or in part in any obligation under this contract shall be prevented or delayed by reasons of any war, hostility, acts of public enemy, strikes, lockouts, sabotages, fires, floods, explosions, epidemics, guaranteeing restrictions or other acts of God (hereinafter referred to as eventualities) then provided notice of the happening of any such from the date of accurate thereof, neither party shall, by reasons of such eventualities be entitled to terminate this contract, nor shall have any claim for damages against the other in respect of such non-performance or delay

in performance and repair works under this contract shall be resumed as soon as practicable after such eventuality has come to an end or ceased to exist.

Provided that if the performance in whole or part by the tenderer and obligation under the contract is prevented or delayed by reasons of any eventuality or a period exceeding 60 days, the department at its option terminate this contract by notice in writing.

19. INSURANCE:

The contractor should make his own arrangements for labourers and the repairing works connected should be carried out without detriment to the departmental works at the Special Maintenance repair bay concerned. The contractor should arrange to insure his workers under comprehensive insurance covering so that the interest of the department will be safeguarded in case of the accidents.

20 INCOME TAX CLEARANCE CERTIFICATE

Each tenderer shall append to his tender a clearance certificate of Income tax (latest) from appropriate income tax authorities in the form prescribed therefore. In the case of proprietary or proprietors and each of the partners as the case may be. If the certificate has already been produced by the tenderer during the calendar year in which the tender is made in respect of previous tender to this office It will be sufficient if particulars regarding the previous occasions on which the certificate was produced are given. All tenders received without a certificate as above mentioned will be rejected.

21. GENERAL CONDITIONS:

- a) The contractor is responsible for all acts done either by him or by his servants or representatives.
- b) In case of all disputes it should clearly be understood that the decisions of the Superintending Engineer-II, Electricity Department, Puducherry, will be final.
- c) Any notice to the contractor shall be deemed to be efficiently served if it is given in writing by post to his usual address or latest known place of business.
- d) The contract once awarded is not transferable.

COMMODITY: Supply of spares and undertaking repair works on sick distribution transformers.

QUANTITY: Approximately 99 Nos. of 22 & 11 KV Distribution Transformers of various capacities like 100, 200 & 315 KVA, 630 KVA etc.,

DELIVERY: 1. F.O.R. Puducherry by Road/Free delivery at SPM yard, Electricity Department, Puducherry.
2. Offers with shorter delivery will be normally

**EXECUTIVE ENGINEER-III
ELECTRICITY DEPARTMENT
PUDUCHERRY**

ANNEXURE-I
REPAIRING OF SICK DISTRIBUTION TRANSFORMERS:
CHARGES FOR LABOUR ITEMS

Sl.No. (1)	Description of Works (2)	Rs. (3)	Ps.
1.	Loading and Transportation from Dept site to factory per Transformer		
	a.100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
2.	Opening, lifting the core and re-examination: Per Transformer		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
3. A.	Positioning the core back after repair and complete electrical connection and boxing up with top cover per Transformer.		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
B.	Positioning the core back after re-examination boxing up with top cover for irreparable transformers.		
C.	Electrical connection:		
	1. For star connection:		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
	II. For delta connection		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
4.	Replacement of defective H.T. Bushing with its attendant works for each.		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
	Signature of Contractor: NAME: Firm's Seal		

5.	- 2 -	
	Replacement of defective L.T. Bushing with its attendant works for each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
6.	Replacement of defective H.T. Bushing rods with its attendant works for each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
7.	Replacement of defective L.T. Bushing rods with its attendant works (per each).	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
8.	Cleaning tank, tubes, conservator tank etc., inside surface and make them fit for use and painting with oil resistive paint per transformer.	
	100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
9.	Cleaning, scraping the external surface of the transformer and painting with good quality Siemen paint with two coats per transformer.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
10.	Charges for hot oil circulation after filling (per litre)	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
11.	Drying out of the repaired core after assembling the coils.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
	Signature of Contractor: NAME; Firm's Seal	

12.	Conducting of routine test test in the repair unit per transformer.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
13,	Replacement of coils:	
	i. Removal of failed H.T. Coil with its attendant works per coil.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
	ii. Removal of failed L.T. Coil with its attendant works per coil.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
14.	Welding per Cm	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
15.	Fixing of Breather	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
16.	Removal and repairing and refixing the tap switch with all attendant works for each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
17.	Replacement of silica gel.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
18.	Replacement of diaphragm for explosion vent	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
	Signature of Contractor: NAME; Firm's Seal	

19.	- 4 -	
	Replacement of cast iron wheel valves	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
20.	Replacement of Radiator tubes/Fins per tube or per fin.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
21.	Replacement of damaged lamination of yoke/Kg.	
	A 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
22.	Replacement of core clamps for each.	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
23.	Replacement of Oil gauge glass with gasket	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
	c. 630 KVA	11/ KV
24.	Core Setting / re-assembling	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
25.	Painting charges / Transformer	
	a. Inside (All capacity)	
	b. Outside (All capacity)	
26.	a. Buy Back value of Dismantled copper / Kg.	
	b. Buy Back value of Dismantled Brass / Kg.	
	Service Tax	
	Educational Cess	

Signature of the Contractor:

NAME:

Firm's Seal:

ANNEXURE - II
SPARE MATERIAL ITEMS (TAXABLE)

Sl.No. (1)	Supply of materials (2)	Rs. (3)	Ps.
1.	A. H.V. Coils / Kg.		
	a.100 KVA copper 11/22 KV		
	b.100 KVA Al. 11/22 KV		
	c. 200/315 KVA Copper 11/22 KV		
	d. 200/315 KVA Al. 11/22 KV		
	e. 630 KVA Copper 11/ KV		
	f. Supper enameled copper per Kg.		
	g.Super enameled A.. per Kg.		
	B. L.V. Coils per Kg.		
	a.100 KVA copper 11/22 KV		
	b.100 KVA Al. 11/22 KV		
	c. 200/315 KVA Copper 11/22 KV		
	d. 200/315 KVA Al. 11/22 KV		
	e. 630 KVA Copper 11/ KV		
2.	H.T. Bushing Insulator (I.S. 3347 each)		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
3.	L.T. Bushing Insulator (I.S. 3347) each		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
4.	H.T. Rod /Brass/ each (IS. 3347)		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
5.	L.T. Rod copper each (IS. 3347)		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
6.	Breather, each		
	a. 100 KVA 11/22 KV		
	b. 200/315 KVA 11/22 KV		
	c. 630 KVA 11/ KV		
	Signature of Contractor: NAME:		
	Firm's Seal:		

7.	Tap switch, each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
8.	H.T. Bushing/brass/copper nut each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
9.	L.T. Bushing/brass/copper nut each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
10.	Silica gel / Kg	
11.	Wheel valve of any other	
	Size/each (superior quality)	
	a. 3/4"	
	b. 1"	
	c. 1 1/4"	
	c. 1 1/2 "	
12.	New Transformer oil per litre conforming I.S. No.335-1993 with latest amendments.	
13.	C..R.G.O Lamination / Kg.	
14.	Supply of gauge glass/each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
15.	Supply of diaphragm/each	
	a.100 KVA	11/22 KV
	b.200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
16.	Supply of radiator Fins/each	
	a.100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
	Signature of Contractor:	
	NAME:	
	Firm's Seal	

17.	Supply of Inter coil Insulator per limb	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
18.	Supply of Washer/each	
	a. 100 KVA	11/22 KV
	b. 200/315 KVA	11/22 KV
	c. 630 KVA	11/ KV
19.	Re-insulation of L.V. Coils per Kg.	
20.	Cost of Paint/Transformer a) Inside: Oil resistive Paint (All capacity) b) Outside: Grey paint (All capacity)	
	TAXES AND DUTIES: EXCISE DUTY: Excise Duty will be paid extra on actual basis for cost of coils winding (H.V. & L.V Coils) including 5% wastage.	
	SALES TAX / VAT: as applicable will be paid on all materials cost including cost of coil winding.	
	Signature of Contractor: NAME: Firm's Seal	

PROFORMA – I

Report on the examination of sick distribution Transformers. (In duplicate)

NAME OF THE DEPARTMENT :

NAME OF THE CONTRACTOR :

**NAME AND DESIGNATION OF THE :
DEPARTMENT OFFICER**

**NAME AND DESIGNATION OF THE :
REPRESENTATIVE OF THE
CONTRACTOR**

PRESENT :

**PLACE WHERE THE SICK UNIT IS :
BEING EXAMINED**

The-----make, sick distribution Transformer bearing serial No.-----was received from-----under transport note.

Dated :

**The unit was opened out and :
Examined on.**

1. Name plate details

MAKE :

Sl.No. :

Capacity :

Voltage Ratio :

Amps :

Impedance :

Weight without oil :

Quantity of oil :

Weight with oil :

Date of failure :

External conditions (details of Defects if any noticed item No. To be furnished). :

I.R. Value (with 500 V megger At room temperature 30 degree C :

H.T. to earth-----L.T. to earth :-----

H.T. to L.T.-----

Dielectric test :

Internal conditions (items No. As details to defects noticed has to be furnished) :

Actual quantity of transformer oil Available in sick unit. :

Condition of the transformer oil (whether oil can be reconditioned and used or not) :

Whether failed during the guarantee Period :

Other remarks :

Dated signature of contractor or his Authorized representative. : **Dated signature of the AE/SPM or Engineers Authorized by Electricity Department**

DESCRIPTION OF DEFECTS NOTICED

1. a. ONE H.V. BUSHING DAMAGED.
b. TWO H.V. BUSHING DAMAGED.
c. THREE H..V. BUSHING DAMAGED.

 2. a. ONE L.V. BUSHING DAMGED.
b. TWO L.V. BUSHINGS DAMAGED.
c. THREE L.V. BUSHINGS DAMAGED.
d. FOUR L.V. BUSHINGS DAMAGED.

 3. a. ONE H.V. BUSHING THREADED ROD DAMAGED.
b. TWO H..V. BUSHING THREADED RODS DAMAGED.
-

PROFORMA - II

Repaired and reconditioned distribution transformer test record (in triplicate).

NAME OF THE O & M :

NAME OF THE CONTRACTOR :

NAME AND DESIGNATION OF DEPARTMENT OFFICER :

PRESENT :

NAME AND DESIGNATION OF CONTRACTORS REPRESENTATIVE CONDUCTED THE TEST. :

PLACE WHERE THE TEST IS CONDUCTED. :

DATE OF COMPLETION OF REPAIR/RECONDITIONING WORK. :

MANUFACTURED BY :

DEPARTMENTAL NO :

MAKERS SERIAL NO. :

GUARANTEE PERIOD :

NAME PLATE DETAILS

KVA :

VOLTS-----H.T.-----L.T-----

AMPS-----H.T.-----L.T-----

OIL-----KGS-----VECTOR GROUP.

TOTAL WEIGHT :

IMPEDANCE VOLTS :

TERMINAL H.T.BUSHING CABLE L.T. BUSHING CABLE

DATE OF TEST:

I.R. VALUE WITH 1000 V MEGGER

H.T. TO EARTH

L.T. TO EARTH

H.T. TO L.T

CONTINUITY ON H.T. & L.T. SIDES:

TEMPERATURE DURING TEST.

OIL TEST RESULT:

SAMPLE.....1

SAMPLE.....2

SAMPLE.....3

RATIO TEST

DATE OF TEST

VOLTAGE APPLIED ON PRIMARY SIDE

A.B-----VOLTS

B.C.....VOLTS

C.A-----VOLTS

PROFORMA-III
GOVERNMENT OF PUDUCHERRY
ELECTRICITY DEPARTMENT

TRANSPORT NOTE

No.

Gate pass No.

1. (a) Source of receipt by despatching officer : Rolling stock / 'B' Stock
(b) Name and designation of despatching officer : The Assistant Engineer / SPM
/ The Stores Superintendent,
Electricity Department,
Puducherry.

2.

S.No.	Description KVA / KV	Qty in Nos. & in words	Make	Serial No.	Remarks

3. Reference to issue : Supply order No.

4. Name of the contractor or his agent to whom handed over. :

5. Details of lorry taking delivery : Regn No.

6. Date on which handed over :

7. Officer to whom and place at which the transformers are to be delivered. :

**Signature of the
Contractor or his Agent.**

**Signature of the
Despatching Officer**

