



**WEST BENGAL STATE ELECTRICITY DISTRIBUTION CO. LTD.**

( A Govt. of West Bengal Enterprise )

**OFFICE OF THE CHIEF ENGINEER: PROCUREMENT & CONTRACTS DEPARTMENT**

**VIDYUT BHAVAN (4<sup>TH</sup> FLOOR) :: BLOCK-DJ :: SECTOR-II :: BIDHANNAGAR**

**KOL KATA-700091 :: Phone No. : 033-2359-8397:: Fax No. : 033-2359-1921**

**CIN - U40109WB2007SGC113473 /Website: [www.wbsecl.in](http://www.wbsecl.in) / email: materialcontroller@yahoo.co.in**

**OFFICE ORDER NO: 63**

**Date: 05.09.2017**

Sub: Revised Rate of Original Rate Contract Order for repairing of damaged/ defective Distribution Transformer of capacity: 10/16/25/50/63/100/250/300/315/500/630 KVA with voltage class 11-6.6/.433 KV & 33/.433 KV.

- Ref: i) Rate Contract Order issued vide memo No.: **P&C/P-43/2014-15/DTR/RC/ PC-III237**  
**Dated 16.02.2016 and.: P&C/P-43/2014-15/DTR/RC/ PC-III/119 dated 03.11.2015**  
against Tender No. **P-43/2014-15/DTR/RC/ PC-III due on 10.04.2015.**
- ii) Our Letter vide memo no. P&C/P-43/DTR RC Modified Rate/ (132-166) dated: 29.08.17.
- iii) Acceptance of Revised Rate by the lowest bidders vide letters dated 30.08.2017, 31.08.2017 & 04.09.2017.

Due to enactment of Goods and service tax Act 2017, the rates of Original Rate Contract Order of Materials & Labour for repairing of damaged/ defective Distribution Transformer of capacity : 10/16/25/50/63/100/250/300/315/500/630 KVA with voltage class 11-6.6/.433 KV & 33/.433 KV vide memo No.: **P&C/P-43/2014-15/DTR/RC/ PC-III237 dated 16.02.16** and **P&C/P-43/2014-15/DTR/RC/ PC-III/119 dated 03.11.2015** have been modified & are applicable with effect from 01.07.2017.

The applicable taxes e.g. VAT & Services Tax wherever these were mentioned in Rate Contract Order will be replaced by GST.

Other terms & condition of the Rate contract Order remains unaltered.

The copy of modified rates for Materials & Labour are enclosed.

(S.K.Sarkar)  
Chief Engineer, P&C Dept.  
WBSEDCL



### Schedule of Rates for Supply of Items required for Repairing of Transformers

Sl. No.	Description of Item	Unit	Rates as per Original Rate Contract (2015)	Modified Rate as per Clause 3(iv) of Notification No. 5050-F(Y) dt. 16/08/2017 of Audit Branch, Finance Dept., GOWB
1	Supply of Bushing in replacement of broken one as per IS:3347 of 1979 & IS: 2099 of 1986 and their latest amendment: -			
	a) 33 KV 250 Amps	Each	545.00	484.96 ✓
	b) 12 KV 250 Amps	Each	112.95	100.51 ✓
	c) 12 KV 630 Amps	Each	155.00	137.92 ✓
	d) 1.1 KV 250 Amps	Each	19.61	17.45 ✓
	e) 1.1 KV 630 Amps	Each	39.00	34.70 ✓
	f) 1.1 KV 1000 Amps	Each	65.20	58.02 ✓
2	Supply of Studs for Busing complete with Nuts, Washers and Cap Fittings according to requirement conforming to IS:3347 of 1979 & IS: 2099 of 1986 and their latest amendment: -			
	a. Brass Stud with Brass Fittings complete with Nuts, Washers & Cap Fittings			
	(i) 12 KV 250 Amps	Per Kg.	521.00	463.60 ✓
	(ii) 1.1 KV 250 Amps	Per Kg.	521.00	463.60 ✓
	(iii) 1.1 KV 630 Amps	Per Kg.	521.00	463.60 ✓
	(iv) 1.1 KV 1000 Amps	Per Kg.	521.00	463.60 ✓
	b. Aluminium Stud with Aluminium Fittings complete with Nuts, Washers etc.			
	(i) 12 KV 250 Amps	Per Kg.	269.51	239.82 ✓
	(ii) 1.1 KV 250 Amps	Per Kg.	269.51	239.82 ✓
	c. Copper Stud with Copper Fittings complete with Nuts etc.			
	(i) 12 KV 250 Amps	Per Kg.	632.21	562.56 ✓
	(ii) 1.1 KV 250 Amps	Per Kg.	632.21	562.56 ✓
	(iii) 1.1 KV 630 Amps	Per Kg.	632.21	562.56 ✓
	(iv) 1.1 KV 1000 Amps 30 mm Stud	Per Kg.	632.21	562.56 ✓
	(v) 1.1 KV 1000 Amps 25 mm Stud	Per Kg.	632.21	562.56 ✓
3	d. Brass Stud with Brass Fittings complete with Nuts, etc. 34 KV/250 Amps	Per Kg.	521.00	463.60 ✓
	e. Copper Stud with Brass Fittings complete with Nuts etc. 34 KV/250 Amps	Per Kg.	602.24	535.89 ✓
	Oil Seal of Bushing made of Neoprene rubber.			
	(i) 1.1 KV 250 Amps	Each	4.14	3.68 ✓
	(ii) 1.1 KV 630 Amps	Each	6.50	5.78 ✓
	(iii) 1.1 KV 1000 Amps	Each	12.20	10.86 ✓
	(iv) 12 KV 250 Amps	Each	5.33	4.74 ✓
	(v) 33 KV 250 Amps	Each	6.50	5.78 ✓

  
 Addl. Chief Engineer  
 Procurement & Contract Deptt  
 W.B.S.E.D.C.L.  
 Vidyut Bhawan, Kolkata-700037

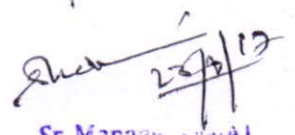
  
 Sr. Manager (F&A)  
 P & CD Deptt.  
 WBSEDCL

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4	Supply of C.I./M.S. Clamp for Fixing of HT Bushing: -				
	a.	33 KV Busing	each	33.20	29.54 ✓
	b.	11 KV Busing	each	33.20	29.54 ✓
5	Supply of Arcing Horn assembly: -				
	a.	33 KV Single Gap Clamp	Per Pair	33.60	29.90 ✓
	b.	11 KV Single Gap Clamp	Per Pair	33.60	29.90 ✓
6	Supply of Insulating materials for assembly				
	a.	Phase separator, Spacers, axial ducts, cylinder's core yoke insulation			
	(i)	Raman make sigma con. 3.1 pre-compressed pressphan paper board	Per Kg.	322.10	286.61 ✓
	(ii)	"K" Grade Scnapatty White lay pre-compressed Press Board.	Per Kg		
		Rate per Kg. with thickness of 0.75 mm		241.74	215.11 ✓
		-Do - with thickness of 1.5 to 3.2 mm	Per Kg.	218.50	194.43 ✓
		-Do - with thickness of 5 mm	Per Kg.	207.39	184.54 ✓
	b.	Other (viz Ampere tape, Cotton Tape, Bakelite Tube and Sleeve Rings)			
	(i)	For 10 KVA to 25 KVA 11/0.433 KV 3 Ph. Each Transformers	Each	168.50	149.94 ✓
	(ii)	For 50/63 KVA Transformers	Each	210.65	187.44 ✓
7	(iii)	For 100/160 KVA Transformers	Each	262.89	233.93 ✓
	(iv)	For 250 KVA Transformers	Each	379.10	337.33 ✓
	(v)	For 300/315 KVA Transformers	Each	453.50	403.54 ✓
	(vi)	For 500 KVA Transformers	Each	674.00	599.75 ✓
	(vi)	For 630 KVA Transformers	Each	842.62	749.79 ✓
	(vi)	For 100 KVA 33/0.433 KV Transformers	Each	348.20	309.84 ✓
	(ii)				
7	Supply of Neoprene Rubberized Gasket Sheet;				
	(i)	3 mm Thickness	Per Sq.Mtr	599.77	533.69 ✓
	(ii)	5 mm Thickness	Per Sq.Mtr	668.29	594.66 ✓
	(iii)	6 mm Thickness	Per Sq.Mtr	815.60	725.75 ✓
8	Rotary Switch with Handle: -				
	a.	250 KVA 5 Position	Each	716.90	637.92 ✓
	(i)	250 KVA 7 Position	Each	948.39	843.91 ✓
	(ii)				
	b.	315 KVA 5 Position	Each	719.20	639.97 ✓
	(i)	315 KVA 7 Position	Each	943.75	839.78 ✓
	(ii)				
	c.	500 KVA 5 Position	Each	999.90	889.74 ✓
8	(i)	500 KVA 7 Position	Each	1174.62	1045.21 ✓
	(ii)				

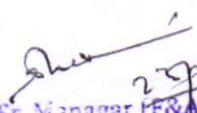
  
 Addl. Chief Engineer  
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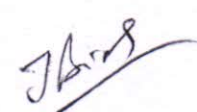
  
 Sr. Manager (P&CD)  
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75	630 KVA 5 Position	Each	943.75	839.78	✓
(ii)	500 KVA 7 Position	Each	1174.60	1045.19	✓
9	Supply of finished new E.C. Grade Copper Conductor with insulation				
(i)	TPC	Per Kg.	652.48	580.60	✓
(ii)	DPC	Per Kg.	652.48	580.60	✓
(iii)	S E	Per Kg.	720.20	640.86	✓
	Loss: Max. 5% allowed				
10	Supply of finished new E.C. Grade Copper Strip DPC (50 Sq. mm) with insulation (Loss: Max. 5% allowed)	Per Kg	584.78	520.36	✓
	Supply of finished new Aluminium Conductor Coils/Wires with insulation				
(i)	S.E. Up to 25 KVA	Per Kg.	339.70	302.28	✓
(a)					
(b)	S.E. above 25 KVA	Per Kg.	339.70	302.28	✓
(ii)	TPC/DPC	Per Kg.	319.60	284.39	✓
	Loss: Max. 5% allowed				
12	Supply of finished new Aluminium Strip <b>DPC/TPC</b>	Per Kg	306.10	272.38	✓
	Max. Loss 5% allowed				
13	Supply of M.S. Bolts & Nuts (assorted size) according to requirement (size to be mentioned as per BS 916 BSW)				
	For all ratings	Per Kg	77.53	68.99	✓
14	Supply of Hot-Trip galvanized Nut, Bolts & Washers - Assorted size: -				
	For all rating	Per Kg	91.32	81.26	✓
	Supply of Silica gel Breather with container and first filling: -				
a)	10-25 KVA 11/6.6/6/0.4 KV	Each	90.10	80.17	✓
b)	50/63 KVA 11/6.6/6/0.4 KV	Each	105.17	93.58	✓
c)	100/160 KVA 11/6.6/6/0.4 KV	Each	160.07	142.44	✓
d)	250 KVA 11/6.6/6/0.4 KV	Each	253.27	225.37	✓
e)	315 KVA 11/6.6/6/0.4 KV	Each	254.90	226.82	✓
f)	500/630 KVA 11/6.6/6/0.4 KV	Each	302.33	269.02	✓
16	Supply of New Cooling round pipe including Welding & Fittings	Per Running Mtr.	105.25	93.65	✓
	Supply of Drain Valve / Filter Valve with plug in replacement of old one				
a)	1/4"	Each	100.25	89.21	✓
b)	3/4"	Each	139.70	124.31	✓
c)	1"	Each	230.10	204.75	✓
d)	1 1/4"	Each	284.75	253.38	✓
e)	1 1/2"	Each	345.24	307.21	✓

  
 Addl. Chief Engineer  
 Procurement & Contract Deptt.  
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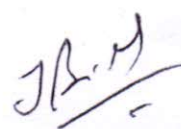
  
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f)	2"	Each	534.29	475.43	✓
(i)	<b>BASE PLATE WITH FIXING</b>	L.S. For Each		10.32	✓
	(The Base Plate is to be made of M.S. Material 2.5 mm thick measuring 6"x4" to be fixed with the body of the Transformer Tank suitably by continues welding on tank body)		11.60		
(ii)	<b>NAME PLATE WITH FIXING:</b> (The Name Plate is to be made of anodized Aluminum 0.6 mm thick measuring 4"x2". The Name Plate is to be fixed on the base plate by machine screws and welded. The Name Plate should indicate the following)	L.S. For	23.25	20.69	✓
a)	Name of the Repairer's Firm				
b)	Name of the Store where from received				
c)	Make/Serial No.				
d)	Voltage ratio				
e)	KVA ratings				
f)	% Impedance at 75°C				
g)	Load Loss at 100% Loading				
h)	No load Loss at rated voltage & freq.				
i)	Total Loss at 50% loading (If applicable)				
j)	Date of test				
	(The above particulars are to be letter punched on the Name Plate. The general lettering should be attached on Aluminium Plate and anodized)				
iii)	<b>DTR Indexing (As per instruction of Ordering officer)</b>				
	As per circular by The Director (Dist) Communicated vide memo no. Director (Dist)/ B-6/2(1-52) & (53-78) Dated 15.01.09	Average rate from Tr.	29.05	25.85	✓

  
 Addl. Chief Engineer  
 Procurement & Contract Deptt.  
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 Vidyut Bhawan, Kolkata-700017

  
 Sr. Manager (F&A)  
 P & CD Deptt.  
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## Schedule of Rates –Labour &amp; Supervisory Items for Stack Core Type DTR

Sl. No.	Description of Item	Unit	Rates as per Original Rate Contract (2015)	Modified Rate as per Clause 3(iv) of Notification No. 5050-F(Y) dt. 16/08/2017 of Audit Branch, Finance Dept., GOWB
1	<b>Joint preliminary/final Survey and preparation of report together with estimate of repair work involved (to be submitted in quadruplicate)</b>	Each		
a)	10 KVA/16 KVA/25 KVA/, 11/6.6/6/0.433 KV	Each	818.93	798.11 ✓
b)	50 KVA/63 KVA, 11/6.6/6/0.433 KV	Each	853.03	831.34
c)	100/160 KVA, 11/6.6/6/0.433 KV	Each	1026.42	1000.32
d)	250 KVA, 11/6.6/6/0.433 KV	Each	1304.03	1270.88
e)	315 KVA, 11/6.6/6/0.433 KV	Each	1538.07	1498.97
f)	500 KVA/630 KVA, 11/6.6/6/0.433 KV	Each	1947.4	1897.89
g)	50 KVA, 33/0.433 KV	Each	853.03	831.34
h)	100 KVA, 33/0.433 KV	Each	1026.42	1000.32
i)	250 KVA, 33/0.433 KV	Each	1302.45	1269.34
2	<b>Re-assembly of Transformer found condemned after inspection</b>			
a)	10 KVA/16 KVA/25 KVA, 11/6.6/6/0.433 KV		346.79	337.97 ✓
b)	50 KVA/63 KVA, 11/6.6/6/0.433 KV		443.41	432.14
c)	100/160 KVA, 11/6.6/6/0.433 KV		555.3	541.18
d)	250 KVA, 11/6.6/6/0.433 KV		784.51	764.56
e)	315 KVA, 11/6.6/6/0.433 KV		815.79	795.05
f)	500 KVA/630 KVA, 11/6.6/6/0.433 KV		841.35	819.96
g)	50 KVA, 33/0.433 KV		557.14	542.98
h)	100 KVA, 33/0.433 KV		596.93	581.75
i)	250 KVA, 33/0.433 KV		886.86	864.31
3	<b>Labour Charges for preparation and fittings of new Copper Coil in replacement of damaged ones by providing inter-layer insulation (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)</b>			
(A)	11/6.6/6 KV Coils			
i)	HV Coils Insulation TPC	Per Kg	64.6	62.96 ✓
ii)	HV Coils Insulation DPC	Per Kg	56.52	55.08
iii)	HV Coils Insulation SE	Per Kg	64.6	62.96
(B)	33 KV Coils	Per Kg		
i)	HV Coils Insulation TPC	Per Kg	56.52	55.08
ii)	HV Coils Insulation DPC	Per Kg	64.6	62.96
iii)	HV Coils Insulation SE	Per Kg	66.18	64.50
(C)	400 Volts Coils			
i)	LV Coil Insulation DPC (Round)	Per Kg	51.15	49.85
ii)	LV Coil Insulation DPC (Rectangular)	Per Kg	51.15	49.85
4	<b>(A) Labour Charges for rewinding with re-insulation of existing Copper Conductor with replacement of inter-layer insulation (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)</b>			
i)	33 KV Coil: TPC/DPC	Per Kg	64.6	62.96 ✓
ii)	11 KV 6.6 KV Coil: DPC/TPC	Per Kg	64.6	62.96
(B)	<b>Labour Charges for rewinding without re-insulation of existing Copper Conductor.</b>			
i)	33 KV Coil: TPC/DPC	Per Kg	64.6	62.96



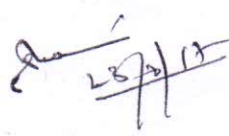
# **Schedule of Rates –Labour & Supervisory Items for Stack Core Type DTR**

Sl. No.	Description of Item	Unit	Rates as per Original Rate Contract (2015)	Modified Rate as per Clause 3(iv) of Notification No. 5050-F(Y) dt. 16/08/2017 of Audit Branch, Finance Dept., GOWB
ii)	11 KV 6.6 KV Coil :DPC/TPC	Per Kg	64.6	62.96
5	<b>Labour Charges for rewinding with re-insulation with inter-layer insulation of old LV (400/415/433 Volts) Copper Coil with ducting</b> (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)			
a)	LV Coils Insulation DPC (Round)	Per Kg	69.98	68.20
b)	LV Coils Insulation DPC (Rectangular)	Per Kg	69.98	68.20
6	<b>Labour Charges for preparation and fitting of finished new Aluminium Coil by providing new inter-layer insulation</b>			
(A)	<b>11 KV 6.6/6 KV Coils</b>			
i)	Insulation DPC (Round)	Per Kg	68.23	66.50
ii)	Insulation SE (Round)	Per Kg	70.22	68.43
(B)	<b>400 Volts Coils (with ducting)</b>			
i)	Insulation DPC (Round)	Per Kg	68.23	66.50
ii)	Insulation DPC (Rectangular)	Per Kg	68.23	66.50
7 (A)	<b>Labour Charges for rewinding with replacement of inter-layer insulation of old Aluminium Wire : 11/6.6 KV Coils (DPC/TPC)</b> (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)	Per Kg	82.44	80.34
(B)	<b>Labour Charges for Re-winding with re-insulation of existing 400 Volts KV Aluminium Coils by providing new inter-layer insulation with ducting</b> (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)	Per Kg	56.89	55.44
8	<b>Re-Assembly and Boxing up of Core and Coil after through cleaning, drying and reconnection of Coils including testing charges (Double Voltage Double Frequency test included)</b>			
a)	10/16/25 KVA, 11/6.6/6/0.433 KV	Each	2802.96	2731.70
b)	50 /63 KVA, 11/6.6/6/0.433 KV	Each	3516.4	3427.00
c)	100/160 KVA, 11/6.6/6/0.433 KV	Each	4275.35	4166.65
d)	250 KVA, 11/6.6/6/0.433 KV	Each	5472.04	5332.92
e)	315 KVA, 11/6.6/6/0.433 KV	Each	5472.04	5332.92
f)	500 /630 KVA, 11/6.6/6/0.433 KV	Each	7197.48	7014.49
g)	50 KVA, 33/0.433 KV	Each	3516.4	3427.00
h)	100 KVA, 33/0.433 KV	Each	4257.73	4149.48
i)	250 KVA, 33/0.433 KV	Each	3648.13	3555.38
9	<b>External Painting Transformers</b>			
a)	10/16/25 KVA, 11/6.6/6/0.433 KV	Each	534.69	521.10
b)	50 /63 KVA, 11/6.6/6/0.433 KV	Each	816.09	795.34
c)	100/160 KVA, 11/6.6/6/0.433 KV	Each	1168.56	1138.85
d)	250 KVA, 11/6.6/6/0.433 KV	Each	1634.01	1592.47
e)	315 KVA, 11/6.6/6/0.433 KV	Each	1751.24	1706.72
f)	500 /630 KVA, 11/6.6/6/0.433 KV	Each	2359.54	2299.55
g)	50 KVA, 33/0.433 KV	Each		
h)	100 KVA, 33/0.433 KV	Each	1168.56	1138.85

### Schedule of Rates –Labour & Supervisory Items for Stack Core Type DTR

Sl. No.	Description of Item	Unit	Rates as per Original Rate Contract (2015)	Modified Rate as per Clause 3(iv) of Notification No. 5050-F(Y) dt. 16/08/2017 of Audit Branch, Finance Dept., GOWB
	i) 250 KVA, 33/0.433 KV	Each	1692.87	1649.83 ✓
10	Transformer Tank repairing charges for Electrical Welding	Per running	54.01	52.64
11	Gas Cutting of lit of sealed type transformer	Per running	181.93	177.30
12	Filtration of Insulating Oil at suitable temperature in steam line at type filter machine			
	i) New/reclaimed Oil (Process loss 2%)	Per Ltr.	4.54	4.42 ✓
	ii) Used Oil having acidity less than 0.3, if allowed by controlling officer (Process loss 4%)	Per Ltr.		

  
**Addl. Chief Engineer**  
**Procurement & Contract Deptt.**  
**W.B.S.E.D.C.L.**  
**Vidyut Bhawan, Kolkata-700016**

  
**Sr. Manager (F&A)**  
**P & CD Deptt.**  
**WBSEDCL**



## Schedule of Rates -Labour &amp; Supervisory Items for Wound Core Type DTR

Sl. No.	Description of Item	Unit	Rates as per Original Rate Contract (2015)	Modified Rate as per Clause 3(iv) of Notification No. 5050-F(Y) dt. 16/08/2017 of Audit Branch, Finance Dept., GOWB
1	Joint preliminary/final Survey and preparation of report together with estimate of repair work involved (to be submitted in quadruplicate)	Each		
a)	10 KVA/16 KVA/25 KVA/, 11/6.6/6/0.433 KV	Each	928.76	905.15
b)	50 KVA/63 KVA, 11/6.6/6/0.433 KV	Each	967.44	942.84
2	Re-assembly of Transformer found condemned after inspection			
a)	10 KVA/16 KVA/25 KVA, 11/6.6/6/0.433 KV		321.01	312.85
b)	50 KVA/63 KVA, 11/6.6/6/0.433 KV		410.44	400.01
3	Labour Charges for preparation and fittings of new Copper Coil in replacement of damaged ones by providing inter-layer insulation (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)			
(A)	11/6.6/6 KV Coils			
i)	HV Coils Insulation SE	Per Kg	69.38	67.62
(B)	400 Volts Coils			
i)	LV Coil Insulation DPC (Round)	Per Kg	58.03	56.55
ii)	LV Coil Insulation DPC (Rectangular)	Per Kg	58.03	56.55
4	Labour Charges for rewinding with re-insulation with inter-layer insulation of old LV (400/415/433 Volts) Copper Coil with ducting (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)			
a)	LV Coils Insulation DPC (Round)	Per Kg	75.15	73.24
b)	LV Coils Insulation DPC (Rectangular)	Per Kg	75.15	73.24
5	Labour Charges for preparation and fitting of finished new Aluminium Coil by providing new inter-layer insulation			
(A)	11 KV 6.6/6 KV Coils			
i)	Insulation SE (Round)	Per Kg	77.38	75.41
(B)	400 Volts Coils (with ducting)			
i)	Insulation DPC (Round)	Per Kg	77.38	75.41
ii)	Insulation DPC (Rectangular)	Per Kg	77.38	75.41
6	Labour Charges for rewinding with re-insulation of existing 400 Volts KV Aluminium Coils by providing new inter-layer insulation with ducting (Inter layer insulation material is to be used as per recommendation of manufacturer of Insulating material)	Per Kg	64.51	62.87
7	Re-Assembly and Boxing up of Core and Coil after through cleaning, drying and reconnection of Coils including testing charges (Double Voltage Double Frequency test included)			
a)	10/16/25 KVA, 11/6.6/6/0.433 KV	Each	3178.89	3098.07
b)	50 /63 KVA, 11/6.6/6/0.433 KV	Each	3988.02	3886.63
8	External Painting Transformers			
a)	10/16/25 KVA, 11/6.6/6/0.433 KV	Each	494.92	482.34
b)	50 /63 KVA, 11/6.6/6/0.433 KV	Each	755.4	736.19
9	Transformer Tank repairing charges for Electrical Welding	Per running	49.98	48.71
10	Gas Cutting of lit of sealed type transformer	Per running	168.4	164.12
11	Filtration of Insulating Oil at suitable temperature in steam line atype filter machine			
i)	New/reclaimed Oil (Process loss 2%)	Per Ltr.		
ii)	Used Oil having acidity less than 0.3, if allowed by controlling officer (Process loss 4%)	Per Ltr.		

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