

DAFTAR PENYEDIA TERSELEKSI (DPT) POWER TRANSFORMER COMPONENT VENDORS

1. Bushing

No.	Penyedia Barang	Grup	Proposed Type Designation
1	Grid Solution SpA	- Bushing 72.5 kV - Bushing 170 kV	- PNR 72.5 - PNR 170
2	Siemens AG EM HP BIC	- Bushing 72.5 kV - Bushing 170 kV - Bushing 550 kV	- STARIP 73 (HSP) - STARTP 170 (HSP) - ETFI 550 kV (HSP)
3	PT ABB Sakti Industri	Bushing 12kV, 24 kV, 36 kV Non-Condenser	- Porcelain Bushing (DIN Standard) - Porcelain Bushing (EN Standard)
		RIP Bushing 52 kV	- Micafil RTKF 52-250 - ABB Component GSA
		RIP Bushing 72.5 kV	- Micafil RTKF 72.5-350 - ABB Component GSA
		RIP Bushing 123 kV	- Micafil RTKF 123-500 - ABB Component GSA
		RIP Bushing 170 kV	- Micafil RTKF 170-750 - ABB Component GSA
		RIP Bushing 300 kV	- Micafil RTKF 300-1175 - ABB Component GSA
4	PT Reinhausen Indonesia	- Bushing 12 kV	Cedaspe type LV Porcelain Bushing
		- Bushing 24 kV	
		- Bushing 36 kV	

2. Buchholz Relay

No.	Penyedia Barang	Proposed Type Designation
1	PT ABB Sakti Industri	Comem BS, C1, NF
2	Taijin Ind Co., Ltd.	T0602, T0603, T0604(GRD), T0605(2"+GRD), T0603(3"+GRD)

3. Pressure Relief Device

No.	Penyedia Barang	Proposed Type Designation
1	PT ABB Sakti Industri	Comem T
2	PT Reinhausen Indonesia	Messko GmbH type Mprec
3	Qualitrol Company LLC	LPRD 208 Series
4	Taijin Ind Co., Ltd.	T0501/0502, T0503/0504, T0506/0510 (Air vent type), T0521-0524, T0401-0403

4. Dehydrating Breather

No.	Penyedia Barang	Proposed Type Designation
1	PT ABB Sakti Industri	Comem SDB
2	PT Reinhausen Indonesia	MR type M - Trab (Maintenance Free Breather)

3	Taijin Ind Co., Ltd.	T0101(small),T0162/0163/0165(200,500,1000cc), T0112/0130/0113/0118,T0167K/E01- 05/T0120,1,2
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5. Winding / Oil Temperature Indicator

No.	Penyedia Barang	Proposed Type Designation
1	PT ABB Sakti Industri	Comem WTI
2	PT Reinhausen Indonesia	Messko GmbH type MT - ST160 SK (OTI); MT - ST160 WR (WTI)
3	Qualitrol Company LLC	AKIV WTI Series 35/ AKM OTI Series 34

6. Conservator Oil Level Indicator

No.	Penyedia Barang	Proposed Type Designation
1	PT Reinhausen Indonesia	Messko GmbH type MTO-STF
2	Qualitrol Company LLC	LLG 032 (radial float)
3	Taijin Ind Co., Ltd.	T0285,T0217,T0203/0204/0205,T0206,T0208,T0271,T0276,T0212/0281,T0213/0215/0231/0280

7. Cooling Fan

No.	Penyedia Barang	Proposed Type Designation
1	Ziehl-Abegg SEA Pte. Ltd.	- FC100-MDL.7Q.A7 art#156134/01 - FC100-MDL.7M.A7 art#176580/01
2	Taijin Ind Co., Ltd.	- T2106, 2143 - T2127, 28, 29, 36, 37, 48, 64, 67, 68, 41 - T2151
3	ebm-papst SEA Pte, Ltd.	- W8D800-CJ01-80 - WZD800-CM03-80 - WZD800-CM07-84 - W8D800-CJ01-80 - WZD800-CM03-80 - WZD800-CM07-84 - W3G990-CU28-80 - W3G990-CD05-80

8. Copper Wire

No.	Penyedia Barang	Proposed Type Designation
1	ASTA Conductors Co., Ltd	- CTC (Continuously Transposed Conductor) - PICC (Paper Insulated Copper Conductor)
2	Shenyang Hongyuan Magnet Wire Co., Ltd	- CTC (Continuously Transposed Conductor) - PICC (Paper Insulated Copper Conductor)
3	Tianjin Jing Wei Electric Wire Co., Ltd	- CTC (Continuously Transposed Conductor) - PICC (Paper Insulated Copper Conductor)
4	Sam Dong Co., Ltd.	CT; PCW; ENAMEL

9. Insulating Oil

No.	Penyedia Barang	Proposed Type Designation
1	Apar Industries Ltd.	POWEROIL TO 1020 60 U
2	PT Ergon Oil Indonesia	HyVolt 1
3	PT Nynas Indonesia	Nytro Libra

10. Insulation Paper

No.	Penyedia Barang	Proposed Type Designation
1	KREMPEL GmbH	Presspaper - PSP3055
2	PT Transformer Insulation Asia	Ranprex Series
3	Pucaro Elektro-Isolierstoffe GmbH	Elboard HO
		Elboard N/ZF
4	WEIDMANN Systems Int. Ltd	PUCARO Presspaper
		Rigid Laminates
		TI, TIII, TIV, TIV Laminated

11. Transformer Board

No.	Penyedia Barang	Proposed Type Designation
1	ABB Fingeholm AB	Fingeholm Elboard® HD
		Fingeholm Elboard® HDPL
		Fingeholm Elboard® HDLC
2	Changzhou Yingzhong Electrical Co., Ltd.	Max size is 6000x3000
		IEC60641-3-1 , DP value is 1200 -1500
3	Deutsche Holzveredelung Schmeing GmbH & Co. KG	Dehonit B 895-8; C2R
		Dehonit B 825-8; C4R
		Dehonit E 885-8; P2R
		Dehonit E 825-8; P4R
		Dehonit D 725-8; T4R
4	KREMPEL GmbH	Dehonit D 795-8; T2R
		Power AK - PSP3052
5	PT Transformer Insulation Asia	Pressboard - PSP3050
		Pressboard - PSP3051
6	Pucaro Elektro-Isolierstoffe GmbH	Ranprex Series
		Elboard HO
		Elboard N/ZF
7	Röchling Engineering Plastics SE & Co KG	PUCARO Presspaper
		Rigid Laminates
8	WEIDMANN Systems Int. Ltd	Laminated compressed wood
		Laminated pressboard
		TI, TIII, TIV, TIV Laminated

12. On Load Tap Changer

No.	Penyedia Barang	Proposed Type Designation
1	PT ABB Sakti Industri	VUCG
2	PT Reinhausen Indonesia	MR Vacuum Type

13. Silicon Steel

No.	Penyedia Barang	Proposed Type Designation
1	PT JFE Shoji Steel Indonesia	JFE G-Core
2	Posco Daewoo Corp. TMC Division	Posco Steel CTL Lamination
3	PT Posco Indonesia Inti	Grain Oriented
4	Thyssenkrupp Electrical Steel GmbH	Grain Oriented Electrical Steel Powercore®