

कंट्रोल , रिले और एस .ए. एस पैनल के निर्माण के लिए विक्रेता सूची			
List of sub-vendors for Control, Relay and SAS Panels			
Sl. No.	Item(s)	Name of Sub vendor	Location
1	Panel Fabrication	1. MPP Technologies pvt ltd, 2. Rittal 3.Vandan Industries 4.Jyotitech 5.Symatic 6.Fabionix 7.Lords Engineering (Approval valid up to 09.10.21) 8.Other POWERGRID approved suppliers	1.Bangalore 2.Bangalore 3.Bangalore 4.Mumbai 5.Mumbai 6.Bangalore 7.Bangalore
2	Powder Coating (Painting) of Panels	1. PCPL 2. Rittal 3.Vandan Industries Powder coating unit 4. MJ Enterprises 5.JEM Industries 6. Fabionix 7. MPP 8.Lords Metal Finishers (Approval valid up to 09.10.21) 9.Other POWERGRID approved suppliers	1.Bangalore 2.Bangalore 3.Bangalore 4.Mumbai 5.Mumbai 6.Bangalore 7.PCPL,Bangalore 8. Bangalore
3	CRCA Sheet	1. Tata Steel, 2. Bhushan Steel, 3. JSW 4. ISPAT 5.Essar Steel Ltd 6.Other POWERGRID approved suppliers	1.Jamshedpur. 2.Khapoli. 3.Thane. 4.Dolvi 5.Gujarat
4	Panel Assembly/ wiring	1.Indus Electro Controls 2.Ampere Power & Automation Technologies Pvt Ltd 3 SNS Industries (assly of electromech & combiflex relays, valid up to 24.04.2022) 4. Adarsh Control Systems (for panel wiring & electrical integration in C&R panels) 5.Jyotitech Industries 6.Symatic 7.Alstom 8.Jai Ganesh Enterprises (valid up to 07.12.2020) 9.SIEMENS (valid up to 01.12.2017) 10.TECHNITRON Industries (Valid up to 12.02.2021) 11. Global Electro Enterprises (Valid upto 04.07.2018) 12 Gilgal Engineering, (Valid up to 08.04.2023) 13.Other POWERGRID approved suppliers	1.Bangalore 2.Bangalore 3. Bangalore 4. Bangalore 5.Mumbai 6.Mumbai 7.Chennai 8.Bangalore 9.GOA 10.Thane 11. Bangalore 12. Bangalore
5	PVC Wires	1. Reliance Engineers 2. Fixwell 3. Finolex 4.SBEE cables India Ltd 5.Fine Core Cables 6. RR Kabel 7. Rolliflex 8. Polycab 9.LAPP India Pvt. Ltd. (Approval valid till 02.09.2022) 10 Miracle Cable (Approval valid up to 06.12.2021) 11.Other POWERGRID approved suppliers	1.Bangalore. 2.New Delhi 3.Pune 4.Bangalore 5.Mysore 6.Daman 7.Daman 8.Daman 9.Bangalore 10. Thane
6	Gasket	1.ASP Sealing 2.JSON Polymer 3.Rittal 4.Other POWERGRID approved suppliers	1.Gazraula 2.Mumbai 3.Bangalore

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7	Terminal Blocks	1.Elmex 2.Connectwell 3.Phoenix 4.Wago 5.Weidmuller 6.DAV Industries (Valid up to 26.07.2023) 7.Other POWERGRID approved suppliers	1.Vadodara 2.Mumbai 3. Delhi 4.Mumbai 5.Germany 6. Mumbai
8	Transducers	1Automatic Electric 2.Elster 3.Rishab 4.Meco 5.Siemens 6.Other POWERGRID approved suppliers	1.Lonavala 2. Mumbai 3.Nasik 4.Mumbai 5.Germany
9	Indicating Instruments	1.Rishab 2.Meco 3.AE 4.Siemens 5.Secure 6.Other POWERGRID approved suppliers	1.Nashik 2.Mumbai 3.Mumbai 4.Germany 5.Udaypur
10	Auxiliary C.T's/P.T's	1.Narayan Powertech Ltd 2.Instrans 3.Kalpa Electrical Pvt Ltd 4.Precise 5.Silkans 6.Diana Electricals 7.Other POWERGRID approved suppliers	1.Baroda 2.Bangalore 3.Bangalore 4.New Mumbai 5.Mumbai 6.Chennai
11	Bay Control Unit (BCU)	1.ABB, 2.Siemens 3.ALSTOM 4.Schnieder 5.N R Electric 6.GE Power Management S. L (Model F650) (Valid up to 07.12.18) 7.Other POWERGRID approved suppliers	1.Sweden /Finland/ Switzerland / India 2. Germany 3. Chennai/UK 4. Chennai/France 5.China 6.Spain
12	Numerical Relays	1.ABB, 2.Siemens 3.ALSTOM 4.Schnieder 5.N R Electric 6.GE Indl. PR LCC (Approval valid up to 27.02.2020 for UR range D60, L90 and B90) 7.Other POWERGRID approved suppliers	1.Sweden /Finland/ Switzerland / India 2. Germany 3. Chennai/UK 4.Chennai/UK 5. China 6. USA
13	Non Numerical Relays	1.ABB 2.ALSTOM 3.Easun Reyrolle Ltd 4.Siemens 5.Other POWERGRID approved suppliers	1.Bangalore 2.Chennai 3.Hosur / Bangalore 4. Germany
14	Push Button with elements	1.L&T 2.Siemens 3.Teknic 4.ABB 5.DeepI Elec 6.Sahyadri Electro Control 7.Vaishno 8..JVS Electronics (approval valid up to 23.05.2021) 9.DAV Industries (Valid up to 26.07.2023) 10.Other POWERGRID approved suppliers	1.Mumbai 2.Mumbai 3.Mumbai 4.Sweden / China 5.Mumbai 6.Bangalore 7.Mumbai 8.Bangalore 9. Mumbai

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15	Selector Switches	1.Kaycee 2.Recom 3.Switron 4.ABB 5.Alstom 6.Salzer 7.SHIRKE(valid up to 13.05.2019) 8.Other POWERGRID approved suppliers	1.Mumbai 2.Mumbai 3.Nashik 4.Finland/Sweden 5.Chennai 6.Coimbatore 7.Nasik
16	Control Switches	1.Alstom 2. Kaycee 3.Recom 4.Switron 5.ABB 6.Siemens 7.SHIRKE (valid up to 13.05.2019) 8.Other POWERGRID approved suppliers	1.Chennai 2.Mumbai 3.Mumbai 4.Nasik 5.Germany/ Finland 6.Mumbai 7.Nasik
17	Test Terminal Block	1.Control Dynamics 2.IMP 3.DeepI Elec. 4.Nelster Welcon 5.JVS Electronics (approval valid up to 23.05.2021) 6. DAV Industries (Valid up to 26.07.2023) 7.Other POWERGRID approved suppliers	1.Vadodara 2.Mumbai 3.Mumbai 4.Mumbai 5. Bangalore 6. Mumbai
18	Fuse Fittings and Fuse Links	1.S&S 2.Copper Bussmen 3.ABB 4.Siemens 5.Switron 6. DeepI Electrical 7.DAV Industries (Valid up to 26.07.2023) 8.Other POWERGRID approved suppliers	1.Chennai 2.Pondycheery 3.Bangalore 4.Mumbai 5.Nashik 6.Mumbai 7. Mumbai
19	Synchronising Socket	1.Cutler Hammer (BCH) 2. AISTOM 3.Other POWERGRID approved suppliers	1.Faridabad 2.Chennai
20	Indicating Lamps	1.ABB Ltd 2.Teknic 3.S&S 4.Siemens 5.Binay 6.L&T 7.JVS Electronics (approval valid up to 23.05.2021) 8.DAV Industries (Valid up to 26.07.2023) 9.Other POWERGRID approved suppliers	1.Sweden / China / India 2.Mumbai 3.Chennai 4.Mumbai 5.Kolkata 6.Mumbai 7. Bangalore 8. Mumbai
21	Semaphore Indicators	1.DEEPL Electricals Pvt. Ltd. 2.ABB Ltd 3..JVS Electronics (approval valid up to 23.05.2021) 4.DAV Industries (Valid up to 26.07.2023) 5.Other POWERGRID approved suppliers	1.Mumbai 2.Bangalore 3. Bangalore 4.Mumbai
22	AC / DC MCB's	1.ABB 2.Indo Asian 3.Siemens 4.Legrand (earlier M/s MDS Switchgear) 5.Schneider Electric 6.Other POWERGRID approved suppliers	1.Bangalore 2.Noida 3.Mumbai 4.Mumbai 5.Noida/Chennai

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23	Aux. Relays.	1.ABB 2.Alstom 3.Easun Reyrolle Ltd 4.Siemens 5.Schnieder branded(Arteche, Spain make) Valid up to 29.11.2018 6. N R Electric 7..JVS Electronics (approval valid up to 23.05.2021 for 33 KV class) 8.Other POWERGRID approved suppliers	1.Bangalore & Vadodara 2.Chennai 3.Hosur / Bangalore 4.Germany 5.Chennai 6.China 7.Bangalore
24	Control Interposing Relays	1.Siemens 2.Telemecanique(Schnieder) 3.Omron India 4.O/E/N India Ltd. 5.Other POWERGRID approved suppliers	1.India 2.India 3.India 4.India
25	Annunciator	1.Alan Electronic systems Pvt Ltd, 2.Bharani Electronics 3.Sahyadri Electro Control 4.Minilec 5.Proton 6..JVS Electronics (approval valid up to 23.05.2021) 7.Other POWERGRID approved suppliers	1.Mumbai 2.Chennai 3.Bangalore 4.Mumbai 5.Pune 6. Bangalore
26	Energy Meters	1.Secure Meter 2.L&T Meters 3.Other POWERGRID approved suppliers	1.Udyapur 2.Mysore
27	Event logger	1.Qualitrol Hathaway (SER-500) 2.ALSTOM (MICOM C-264) 3.Other POWERGRID approved suppliers	1.UK/USA/Northern Ireland 2 UK /USA
28	Disturbance Recorder	1.Alstom/Bitronics (M87x) 2.ERL Phase Power Technologies (Type TESLA-4000) 3. N R Electric (Model-PCS-996R) 4. Qualitrol (Approval valid up to 07.06.2020) 5. Other POWERGRID approved suppliers	1.Stafford(UK)/USA 2.Canada 3.China 4. UK
29	Time Synchronisation Equipment	1.Qualitrol Hathaway 2.MeinBerg 3.SIEMENS (approval valid up to 27.01.2017) 4.Arbitr 5.Masibus 6.Signals & Systems (I) Pvt. Ltd (valid up to 15.03.2021) 7.SERTEL Electronics Pvt LTd (valid up to 15.01.2022) 8.Other POWERGRID approved suppliers	1.UK/USA 2.Germany 3.Germany 4.Gandhinagar 5.Germany 6.Chennai 7.Chennai
30	PC based Relay Test Kit	1.Omicron 2.Doble 3.Other POWERGRID approved suppliers	1.USA / Australia/HongKong/Austria 2.USA
31	Industrial PC	1.Advantech Co. Ltd 2.Portwell- Laxsons 3.Technic (Approval valid up to 07.12.2020) 4.AVIHS Technologies (Approval valid up to 27.02.2020) 5.Other POWERGRID approved suppliers	1.Taiwan 2.daman 3.New Delhi 4.Chennai
32	LAPTOP	1.Dell 2.IBM 3.HP 4.Other POWERGRID approved suppliers	1.Malyasia /INDIA 2.Singapore /INDIA 3.Singapore/INDIA

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33	Buzzer/Hooter/ Bell	1.Alan 2.Bharani Electronics 3.Sahyadri Electro Control 4.Vaishno 5..JVS Electronics (approval valid up to 23.05.2021) 6.Other POWERGRID approved suppliers	1.Mumbai 2.Chennai 3.Bangalore 4.Mumbai 5.Bangalore
34	Thermostats	1.Girish 2.Thermotral 3.APT control 4.Vikas Electricals 5.Girishego 6.Other POWERGRID approved suppliers	1.Bangalore 2.Bangalore 3.Mumbai 4.Mumbai 5.Mumbai
35	Space Heater	1.Sofia Electricals 2.Surya Electricals 3.KS Instruments 4.APT Control 5.Other POWERGRID approved suppliers	1.Chennai 2.Chennai 3.Bangalore 4.Mumbai
36	Lugs	1.Dowells 2.Other POWERGRID approved suppliers	1.India
37	Test Blocks/Plugs for Relays	1.ALSTOM 2.ABB 3.Siemens 4..JVS Electronics (approval valid up to 23.05.2021) 5.DAV Industries (Valid up to 26.07.2023) 6. Other POWERGRID approved suppliers	1.Chennai 2.Bangalore 3.India 4. Bangalore 5.Mumbai
38	Illumination lamps	1.Philips 2.Havells 3.Crompton Greaves 7.Other POWERGRID approved suppliers	1.India 2.India 3.India
39	Fasteners	POWERGRID Approved sources	Refer COV
40	Limit switches (Door switches)	1.Siemens 2.Kaycee 3. Suraj 4.Elmecco 5.Vaishno 6.Other POWERGRID approved suppliers	1.Mumbai 2.Mumbai 3.Mumbai 4.Thane 5.Mumbai/Noida
41	Auxillary contactors	1.Telemechanic 2.L&T 3.Siemens 4.Scheider 5.Other POWERGRID approved suppliers	1.India 2.Mumbai 3.Mumbai 4.Chennai/Nashik
42	Plug-Switch socket	1.Oswal 2.Anchor 3.Gold Medal 4.Other POWERGRID approved suppliers	1.India 2.India 3.India
43	Inverter	1. Alan 2. Power One (approved for UPS also) Approval valid up to 15.01.2022 3. Vertiv Energy Pvt. Ltd. (formerly Emerson Network) 4.Other POWERGRID approved suppliers	1.Mumbai 2.Bangalore 3.Thane
44	Ethernet Switch	1.Ruggedcom 2.Garrretcom 3.Hirschman 4. Phoenix Contant, (approved only for star configration with valid up to 23.12.2022) 5.Other POWERGRID approved suppliers	1. Cannada 2. USA 3. Germany 4. Germany

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45	PLCC Modem	1.ABB 2.SIEMENS 3.Decode 4.N R Electric 5.Other POWERGRID approved suppliers	1. India 2. India 3. Serbia 4. China
46	FO Cable	1.AKSH 2.Finolex (Patch card from M/s Preston, Gurgaon) 3.Other POWERGRID approved suppliers	1. India 2. India
47	Laser Jet Print	1. HP 2.Canan 3.Xerox 4.Other POWERGRID approved suppliers	
48	Dot Matrix Printer	1 . EPSON 2. TVS 3.Other POWERGRID approved suppliers	
49	Travelling wave fault locator	1. Qualitrol (Model-FL8) valid up to 26.07.2017 2.GE (REASON) (Model RPV311 and RA33x)Approval valid up to 19.11.2019	1.UK 2.Brazil
Notes:			
Any sub vendor already approved by POWERGRID and not appearing in this list can be informed to Corporate, QA&I Department with relevant documents/evidence as a proof of POWERGRID approval. On review of these documents and if, necessary after audit/ re-assessment, their name may be considered for inclusion in this list. Further, any shifting of sub vendor premises shall be intimated to POWERGRID.			
Those Vendors who have not supplied material to POWERGRID projects for more than 2 years shall be re-assessed/audited. Manufacturer shall confirm the same before placing any order.			
Vendors/sub-vendors approved by POWERGRID have been updated in the list of Compendium. Contractor/OEMs may choose vendors/sub vendors after their own assessment to ensure that product being procured, from the list of Compendium, meets the technical specifications, Qualifying requirements(if applicable)/ other requirements as per relevant contract of POWERGRID			