

List of sub vendors for LTs and DTs up to 33 KV class.

Sl. No	Item description	supplier's name
1	MS material for Tank	M/s Jindal Steel (karanatka plant:3-10 mm plate thickness and thane plant: above 8 mm plate thickness)
		M/s Bushan Steels Strips Ltd., Ghaziabad
		M/s SAIL
		M/s TISCO
		M/s ISSCO
		M/s Essar
		M/s RINL
		M/s. Jindal steel and power limited, Raigarh plant
2	CRCA steel for radiator	M/s. Sail
		M/s. Tisco, Jamshedpur
		M/s. Bhusan Steel, Gaziabad
3	MS Pipes for tank	M/s Jindal
		M/s Surya roshni
		M/s Ajanta
		M/s Jyoti metal - Mumbai
		M/s Tube india – Mumbai
		M/s. Maharastra seamless limited.
4	Bolts and nuts (HDG)	POWERGRID approved sources
5	Bolts and nuts (SS)	
6	Gasket (Rubber bonder cork)	M/s Indian Cork Industries, Bahadurgah
		M/s Talbros albros Ltd, Faridabad.
		M/s Nucork Gurgaon
		M/s Cortica manufacturing Pvt. Ltd. Chennai
		M/s Bharat corub industries, Vadodara
		M/s Packing & jointing, Chennai
7	Porcelain bushing	M/s Bikaner Porcelain Pvt. Ltd. Bikaner
		M/S CJI PORCELAIN PVT LTD, KHURJA
		M/s Samrakshana Electricals Hyderabad
		M/s Jaipur Glass Potteries, Jaipur
		M/s Baroda Bushing & Insulators, vadodara
8	Porcelain insulators	M/s Genisis Enterprises Pvt. Ltd., Khurja,
		M/s WS Industries chennai,
		M/s CJI porcelain Pvt. Ltd. khurja,
		M/s BHEL, Banglore
		M/s Luster ceramics Pvt. Ltd. Vadodara, M/S Jayshree insulator, Halol (Insulator only)
9	Condensor bushing	M/s Areva T&D Ltd., Hosur
		M/s CGL Nasik
		M/s ABB Limited, Vadodara
		M/s Yash High Voltage, Vadodara (High current bushing up to 52KV class) valid up to 29.12.17
		M/s CGL, Aurangabad

10	OTI & WTI	M/s Perfect control, Chennai
		M/s Presimeasure, Bangalore
11	Off circuit tap switch	M/s BHEL , Bhopal/Jhansi
		M/s Paragon Associates,Thane
		M/s Alwayses load selector, Bangalore
12	OLTC	M/s BHEL Bhopal
		M/s CTR manufacturing industry, Pune
		M/S EASUN MR, CHENNAI & PONDICHERRY
13	RTCC	M/s BHEL, Bhopal
14	Buchholz relay	M/s VIAT Instruments Pvt. Ltd.,
		M/s Instrument & control, Vadodara
		M/s A.J.Services(Prayog) Bombay
		M/s Weir electric, Uk
		M/s VEB, Germany
		M/s ASPE, Italy
15	Silicagel breather	M/S Sukrut electric co. Pvt. Ltd., Pune.
16	Prime CRGO	M/s Yogy Enterprise Jhansi
		M/s VIZ Stall, Russia
		M/s A K Steel, USA
		M/s Nippon steel & sumitomo metal corporation, Japan
		M/s Kawasaki corporation/JFE japan.
		M/s Posco, Korea
		M/s AST Italy
		M/s TKES Germany
		M/s Ugine Division dusinor saclar, S.A., France.
		M/s ORB Electricals steels, UK
M/S Preussag handle, Germany		
	CRGO STEEL WITH FINAL PROCESS OF COATING & ANNEALING OF SEMIPROCESSED CRGO MOTHER COIL (SOURCED FROM TKES, GERMANY)	M/s Acesita, Brasil
17	CRGO Lamination /Cutting	M/S PRADEEP TRANSCORE PVT LTD, Nani,
		M/S MAHINDRA STEEL SERVICE CENTRE, Vadodara/ Pune/Mandideep
		M/S NEXUS ELECTRO STEEL LTD., Thane.
		M/s Jaybee Lamination for CRGO lamination. Valdi up to 18.08.2017
		M/s POSCO-IDPC, Bawal valid up to 06.12.2018
		M/s Mangal Electrical Industries Pvt Ltd, Jaipur valid up to 20.02.2018
		M/s POSCO-TMC INDIA PVT LTD., PUNE approval valid up to 06.12.18
		M/s POSCO-INDIA Pune Processing Centre (IPPC) Pvt Ltd, PUNE. Approval Valid up to 06.12.2018 (for CRGO slitting only)
		M/s KRYFS POWER COMPONENTS LTD, SILVASSA
18	Amorphous metal core	M/s Metglass Inc., USA
19	Paper covered Aluminium rectangular & round conductor	M/s Toshiba transmission & distribution systems(India) Pvt. Ltd. Unit-4
		M/s Shera Energy Pvt.Ltd, Jaipur valid up to 18.08.17
		M/s Vimlesh Industries, Sonapat Haryana approval valid up to 19.07.2018
20	Enamel covered Copper rectangular conductor	M/s Toshiba transmission & distribution systems(India) Pvt. Ltd. Unit-4
		M/s Shera Energy Pvt.Ltd, Jaipur valid up to 18.08.17
21	Enamel covered Copper round conductor	M/s Precision wires India Ltd. Silvassa.
		M/s Shera Energy Pvt.Ltd, Jaipur valid up to 18.08.17
		M/s Rama Ratna Wires Pvt Ltd, Silvasa

22	Enamel covered Aluminium rectangular & round conductor	M/s Vimlesh Industries, Sonapat Haryana (up to 11 KV class) up to 19.01.2019
		M/s Shera Energy Pvt.Ltd, Jaipur valid up to 18.08.17
		M/s Toshiba transmission & distribution systems(India) Pvt. Ltd. Unit-4
23	PICC	M/s Shree cables & Conductors, Bhopal
		M/s KSH international Taloja and Chakan
		M/s BCPL, Mandideep
		M/s Bhandary power line, Manipal
		M/s Precision wires India Ltd. Silvassa.
		M/s Shakti insulated wires Pvt. Ltd, Ankleshwar.
		M/s Shera Energy Pvt.Ltd, Jaipur valid up to 18.08.17
		M/s Vimlesh Industries, Sonapat Haryana approval valid up to 19.07.2018
		M/s Rational Engineers Limited, Thane
		M/s Asta India, Vadodara
M/s SIGNET Conductors Pvt. Ltd., Rewa.		
24	Kraft paper	M/s Smurift Munksjo, Swedan
		M/s Kammerer Gernary(Ahlstromosbruck)
		M/s Tervakoski OY, Finland.
		M/s AMOTFORS BRVK AB SWEDEN
		M/s Elof Hansedn, Sweden
		M/s Wiedman electrical, Switzerland.
25	Gate / Globe valves	M/s Zolito Industries, Jabalpur
		M/s Manixon industry Agra
		M/s GG Valves Ltd. Udaipur
		M/s Leader valves Ltd, Jalandhar
		M/s Apex Piping System Pvt. Ltd., Jalandhar
		M/s Neo engineering works, Ahmedabad
26	Insulating oils	M/s Apar Ltd. Silvassa,
		M/s Apar Ltd.Thane
		M/s Savita oil technologies Ltd, silvassa
		M/s Savita oil technologies Ltd, Navi mimbai
		M/s Nynas, Sweden
		M/a Raj petro, silvasa,
M/S Raj Petro, Chennai		
27	Insulating press board	M/s Raman Boards Ltd., Thandavapura, Mysore
		M/s Senapathy whiteley - Bangalore
		M/s ABB Figeholms Bruk, Sweden
		M/s Krempel GmBH Germany
		M/s OJI F-TEX Co. Ltd. Japan
		M/s Changzhou yingzhong electrical Co. Ltd. China.
28	Terminal connector	M/s Vijai Ganesh Industries, Hyderabad
		M/s Bhavani Engineering Works, Hyderabad
		M/s Milind Engineer Mumbai
		M/s Nootan Engineer Baroda
		M/s Peevee Engg. Bangalore
		M/s Klemmen Engg.Corporation .Chennai
29	Radiators	M/s Thermal transfer, Bangalore
		M/s CTR manufacturing industry, Pune
		M/s Tarang Engineering Pvt. Ltd. Nagpur
		M/s BHEL, Bhopal
		M/s Gururaj radiators Pvt. Ltd. Naini
		M/s Hi-Tech radiators Pvt. Ltd. Mumbai
		M/s LexmarkRadiators Pvt Ltd, Vadodara
		M/s Motor & General Sales Pvt. Ltd, Lucknow
M/s Triveni electroplast Pvt. Ltd		

30	Cable box/ MCCB box / Marshalling box / Cooler control box	M/s Ashoka electronic, Bhopal
		M/s United Industries components Co. Pvt. Ltd. Navi Mumbai
		M/s Pyrotech, Udaipur.
		M/s Enterprising Engg Bhopal
31	Current Transformers for bushing	M/s. Maktel, Vadodara
		M/s Automatic electric,Thane.
		M/s Mahindra electricals, Thane
		M/s Pragati electricals Pvt. Ltd., Thane
		M/s Kappa Electricals Chennai
		M/s Protection & control engineers, Mumbai
		M/s BHEL, Bhopal
		M/s Naryan poertech, Vadodara.
		M/s A U electric Machine, Allahabad
M/s Sine wave (REWA) electronics Pvt.		
32	Magnetic oil level gauge	M/s Sukrut Udyog Pune
		M/s Yogya enterprises, Jhansi
		M/s Messko, Germany
33	Radiator valve	M/s Petson valves, Coimbatore
		M/s Viat Instruments Pvt. Ltd.
		M/s Apex Piping System Pvt. Ltd., Jalandhar
		M/s Bimal techno industries, Bhiwani
34	Pressure relief device	M/s Atvus Industries, Kolkata
		M/s Sukrut Udyog, Pune
		M/s Qualitrol company, USA
		M/s Messko, Germany.
35	Air cell	M/s Viat Instruments Pvt. Ltd.,
		M/s The rubber products, Mumbai
		M/s Unirub techno Indai Pvt. Ltd. Pune
		M/s Pronal, France
36	Tank	M/s Zenith Industries rubber products Pvt. Ltd. Thane
		POWERGRID approved sources
37	Continuous cast copper rod	M/s Sterlite Industries, Silvassa
		M/s Hindustan Copper Ltd, new Delhi
		M/s LG International, Korea
		M/s Hindalco Industries Ltd., Bangalore
<p>NOTE: 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.</p> <p>Further, Apart from above list, any subvendors approved for any components for Transformer/Reactors up to 400KV class are also approved for LT and DT Transformers up to 33KV class.</p> <p>\$\$\$ condition for supply: Inspection calls shall be raised by transformer/reactor manufacturers for inspection of each lot of CRGO to be used for POWERGRID projects at TKES Nasik works for issuance of CIP so that all process parameters as mentioned in TKES approval letter dtd. 27.08.2015 shall be verified during the inspection by</p>		