

संख्या: DMRC/Plg./Vendor/7000/Vol.2/2025/904

दिनांक: 10.02.2026

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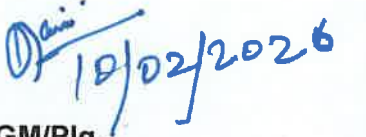
विषय: Revised List of Empanelled Manufacturers / Suppliers of Major Electrical Items (as on 10.02.2026).

संदर्भ: i) Vendor Empanelment Policy issued vide this office note no. DMRC/Plg./Vendor/7000/Vol.1/2025/630, dated 11.02.2025
ii) Approvals of Director/Electrical on the Revised List of Empanelled Manufacturers / Suppliers of Major Electrical Items, dated 22.10.2025 and 08.02.2026

With reference to the above, the Competent Authority has approved the revised list of empanelled manufacturers / suppliers of major electrical items.

Put up for information please.

संलग्नक: As above.


GM/Plg.

All HODs

प्रति:

- PED/CC – for uploading on the DMRC website please.
- ED/IT – for uploading on Intranet please.



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Delhi Metro Rail Corporation Limited

DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)	
E1	33 kV, single core, Aluminium/Copper conductor, PVC sheathed, XLPE Insulated, 300/400 sqmm Power Cables	IEC-60502-2 (for Insulation FRLS & FRLSZH), IEC 60228 (for conductor), and DMES-T/0018/DMRC-E-TR-CABLE-2	1. ILJIN 2. Phelps Dodge 3. Universal 4. Sterlite 5. KEI Industries Ltd. 6. Havells India Ltd. 7. APAR Industries Ltd.	8. KEC International Ltd. ⁽⁴⁾ 9. Tirupati Plastomatics Pvt. Ltd. 10. Paramount Communications Ltd. 11. Polycab India Ltd. 12. Gemscab Industries Ltd.
E2	25 kV, single core, Aluminium/Copper conductor, PVC sheathed, XLPE Insulated, 240/400 sqmm Power Cables	IEC 60228 (for conductor), IEC 60502-2 (for Insulation FRLS & FRLSZH), IEC 60840 (for Testing), and DMES-T/0019/DMRC-E-TR-CABLE-3	1. ILJIN 2. Phelps Dodge 3. Universal 4. Sterlite 5. KEI Industries Ltd.	6. APAR Industries Ltd. 7. KEC International Ltd. ⁽⁴⁾ 8. Polycab India Ltd.
E3	3.3 kV return cable Aluminium conductor, PVC sheathed, XLPE insulated, 400 sqmm Return cable	IEC 60228 (for conductor), IEC 60502-1 (for Insulation FRLS & FRLSZH), and DMES-T/0020/DMRC-E-TR-CABLE-3	1. ILJIN 2. Phelps Dodge 3. Universal 4. Sterlite 5. KEI Industries Ltd. 6. Havells India Ltd.	7. APAR Industries Ltd. 8. KEC International Ltd. ⁽⁴⁾ 9. Special Cables Pvt. Ltd. ⁽¹⁹⁾ 10. Gemscab Industries Ltd. 11. Chandresh Cables Ltd.
E4	33 kV STJ/Cable Terminations	IS:13573-Part-2, 2011 IEC-60502-2 (for Insulation FRLS & FRLSZH), IEC 60228 (for conductor), and DMES-T/0018/DMRC-E-TR-CABLE-2	1. 3M 2. Behr Bircher Cellpack BBC India Pvt. Ltd. 3. Elsewedy Sedco, Egypt 4. Raychem RPG Pvt. Ltd.	5. Compaq International Pvt. Ltd. ⁽⁵⁾
E5	25 kV STJ/Cable Terminations	IEC-60840, IEC 60228 (for conductor), IEC 60502-2 (for Insulation FRLS & FRLSZH), IEC 60840 (for Testing), and DMES-T/0019/DMRC-E-TR-CABLE-3	1. 3M 2. Behr Bircher Cell Pack BBC India Pvt. Ltd (NOIDA) 3. Raychem RPG Pvt. Ltd.	

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S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)
E6	3.3 kV STJ/Cable Terminations	IS:13573-Part2-2011 IEC 60228 (for conductor), IEC 60502-1, DMES-T/0020/DMRC-E-TR-CABLE-3	1. 3M 2. Behr Bircher Cellpack BBC India Pvt. Ltd. 3. Elsewedy Sedco, Egypt 4. Raychem RPG Pvt. Ltd.
E7	LA (Composite Insulation) for 33 kV panel	IEC- 60099-4	1. Raychem RPG 2. Elektrolites Power Pvt. Ltd.
E8	LA (composite Insulation) for 25 kV System	RDSO Specification No. ETI/PSI/71 (1/87) with Composite Insulation and minimum creepage 1600 mm, IEC-60099-4	1. Raychem RPG 2. RDSO Approved Sources for 25 kV System
E9	33 kV, Dry Cast resin Inductive PT	IEC-61869-3	1. Narayan 2. ECS 3. Pragati Electricals Pvt. Ltd.
E10	33 kV, Dry Cast resin Inductive CT	IEC-61869-2	1. Narayan 2. ECS 3. Pragati Electricals Pvt. Ltd.
E11	33 kV/415 V, 200 kVA-3150 kVA, Dry cast resin Auxiliary Transformers	DMES-T0005/DMRC-E-TR-TRANSF-05, and IEC-60076-11, IS:11171 & IS 2026	1. ABB/Hitachi 2. Elettromeccanica Italy 3. Raychem 4. TMC Transformers India Pvt. Ltd. 5. SGB Transformers India Pvt. Ltd.
E12	33 kV HT Panel with Vacuum Circuit Breaker and associated protection system.	IEC-62271-1 & 62271-200	1. ABB 2. Siemens 3. Schneider 4. CG Power and Industrial Solutions Ltd.
E13	Float Cum Boost Battery Charger (Vdc=110V)	IEC 60146	1. Statcon Energiaa India 2. HBL Hyderabad 3. Amar Raja Batteries India 4. AMCO (for RSS) 5. CHABI (for RSS) 6. Chloride Power Systems & Solution Ltd. 7. Maha Mai Engineers ⁽⁶⁾ 8. Vertiv Energy Pvt. Ltd.
E14	NiCd, Battery Bank	IEC 60622/IEC 60623	1. HBL Hyderabad 2. AMCO/SAFT India Pvt. Ltd.

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E15	25 kV PTFE type Short Neutral Section	IEC 60507:71-1, 71-2: 1109 TI/SPC/OHE/SNS/0000: 2000 Service life shall not be less than 4 million pantograph passes	1. Arther Flurry
E16	107/150 sqmm Contact Wire (Cu-Ag /Cu ETP)	ETI/OHE/76 (6/97) with AC slip 1, 3, 4, 5 & 6 (Cu ETP, for Depot), EN 50149 (Cu-Ag, for main line)	1. Lamifil, Belgium 2. Isodart, Germany 3. RDSO Approved Sources
E17	65/120 sqmm Messenger Wire (Cu-Mg/Cu-Cd)	TI/SPC/OHE/INSCAT/0000 DIN 48201 Part-2 (Cu-Mg Bronze)	1. Lamifil, Belgium 2. Isodart, Germany 3. RDSO Approved Sources
E18	93.3 sqmm ACSR/24 0sqmm AAC for RC, OPC and BEC	IS 398 Part-2	1. Hindustan Urban Infrastructure Ltd. 2. Shashi Cables Ltd. 3. Dynamic Cable Ltd.
E19	Section Insulators in Depot	ETI/OHE/27(8/84)	1. RDSO Approved Sources
E20	MS CANTILEVER for Tramway type 25 kV OHE	RDSO Specifications	1. RDSO Approved Sources
E21	Modular type 25 kV Aluminium CANTILEVER for main line	-	1. Siemens (Germany) 2. RIBE (Germany) 3. PPS International 4. Atlantic Tradeengineers LLP
E22	Mast & Fittings for 25 kV OHE	ETI/OHE/13	1. RDSO sources
E23	Remote Terminal Units (RAM 256MB)	Complying the protocols IEC 60870-5-103 and IEC 61850	1. ABB 2. Synergy 3. Phoenix Contact India Pvt. Ltd.

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E24	33 kV GIS Panel	IEC 62271-1, IEC 62271-100, IEC 62271-103, IEC 62271-200, IEC 60376, IEC 61869-3, IEC 61869-2, IEC 60028, IEC 60721-2-5, IEC 60099-4	1. Siemens 2. Schneider 3. CG Power and Industrial Solutions Ltd. 4. ABB India Ltd.
E25	25 kV, Dry Cast resin Inductive PT	IEC-61869-3	1. Sadtem (France) 2. ARTECHE (for RSS)
E26	25 kV, Dry Cast resin Inductive CT	IEC-61869-2	1. Sadtem (France) 2. ARTECHE (for RSS)
E27	25 kV Isolators motorised/manual with composite insulators of 1600 mm creepage	RDSO specs ETI/OHE/16(1/94) 250 kVp BIL, 1600mm Creepage insulators and 52 kV insulation withstand voltage	1. RDSO Approved Sources
E28	25 kV, magnetic actuated/mechanical actuated Pole mounted CB/BM	IEC-62271-1 & 62271-100	Please refer to Note (1) 1. RDSO Approved Sources
E29	25 kV, 1600 mm CD, Composite Post INSULATOR	DMES-0030/DMRC-E-TR-Insulator-1	1. Raychem RPG 2. RDSO Approved Sources
E30	25 kV, 1600 mm CD Composite Operating Rod INSULATOR	DMES-0030/DMRC-E-TR-Insulator-1	1. Raychem RPG 2. RDSO Approved Sources
E31	25 kV, 1600 mm minimum CD, Composite bracket and stay insulators for Aluminium Cantilevers	DMES-0030/DMRC-E-TR-Insulator-1	1. RDSO Approved Sources

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S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)	
E32	220/132/66 kV EHV Power Cable	IEC 62067 (220 kV), IEC 60840 (132/66 kV), IEC/EN 60811, IEC 60228	1. ILJIN 2. Universal 3. Sterlite (3 Core, 66 kV) 4. KEI Industries Ltd. 5. Sterlite Power Transmission Ltd. ⁽¹⁾	6. LS Cables India Pvt. Ltd. ⁽²⁾ 7. KEC International Ltd. ⁽⁷⁾ 8. Havells India Ltd. ⁽⁸⁾ (for 66 kV only) 9. Polycab India Ltd. (for 66 kV only)
E33	220/132/66 kV EHV Power Cable Termination & Straight Though Joint	IEC 60840 (132/66 kV), IEC 62067 (220 kV)	1. ILJIN 2. Compaq International Pvt. Ltd. ⁽⁹⁾ (for 66 kV only)	3. Raychem RPG (P) Ltd. ⁽²⁰⁾
E34	66 kV Gas Insulated Switchgear (GIS)	IEC 62271-1, IEC 62271-100, 62271-203, IEC-61869	1. ABB / Hitachi Energy 2. Siemens 3. GE T & D India Ltd. ⁽¹⁰⁾	4. CG Power and Industrial Solutions Ltd. (for 145 kV Model of GIS manufactured by M/s CGL)
E35	25 kV Gas Insulated Switchgear (GIS)	IEC 62271-1, IEC 62271-100, 62271-203 IEC-61869, IEC 60099-4, IEC 62271-103, IEC 60376, IEC 61869-3, IEC 61869-2	1. Schneider 2. Siemens 3. ALSTOM 4. ABB India Ltd.	
E36	220/132/66 kV/33 kV Auxiliary Mains Transformer (AT)	IEC 60076, IEC 60214	1. EMCO 2. ALSTOM 3. T&R 4. CGL 5. TOSHIBA	6. BHEL 7. ABB / Hitachi Energy 8. TBEA Energy (India) Pvt. Ltd. ⁽¹¹⁾ 9. Kanohar Electricals Ltd. ⁽¹²⁾
E37	220/132/66 kV/27.5 kV Traction Transformer (TT)	IEC 60076, 60137, 60296 IEC 60214	1. ABB / Hitachi Energy 2. CGL 3. EMCO	4. Transformers And Rectifiers India Ltd. (T&R) ⁽²²⁾ (for 132/27.5 kV Traction Transformer (TT))

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S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)
E38	220 kV Current Transformer (CT)	IEC-61869	1. ABB / Hitachi Energy (Oil, SF6) 3. GE T&D India Ltd. ⁽¹²⁾ 2. Siemens (SF6) 4. CG Power and Industrial Solutions Ltd. ⁽²⁰⁾
E39	132 kV Current Transformer (CT)	IEC-61869	1. ABB / Hitachi Energy (SF6) 3. MEHRU (Oil) 2. CGL (Oil)
E40	66 kV Current Transformer (CT)	IEC-61869	1. ABB / Hitachi Energy (SF6) 4. CG Power and Industrial Solutions Ltd. ⁽²⁰⁾ 2. MEHRU (Oil) 3. CHINT (SF6)
E41	220 kV Capacitive Voltage Transformer (CVT)	IEC-61869-5	1. ABB / Hitachi Energy, 3. CG Power and Industrial Solutions Ltd. 2. GE T&D India Ltd. ⁽¹²⁾
E42	132 kV Capacitive Voltage Transformer (CVT)	IEC-61869-5	1. CG Power and Industrial Solutions Ltd. ⁽²¹⁾
E43	66 kV Capacitive Voltage Transformer (CVT)	IEC-61869-5	1. ABB / Hitachi Energy 2. Siemens
E44	220 kV Lightning Arrestors (Composite type) (LA)	IEC 60099-4	1. RAYCHEM 2. CG Power and Industrial Solutions Ltd. ⁽²⁰⁾
E45	132 kV Lightning Arrestors (Composite type) (LA)	IEC 60099-4	1. RAYCHEM 2. CG Power and Industrial Solutions Ltd. ⁽²⁰⁾
E46	66 kV Lightning Arrestors (Composite type) (LA)	IEC 60099-4	1. RAYCHEM 2. CG Power and Industrial Solutions Ltd. ⁽²⁰⁾
E47	220 kV Circuit Breaker (CB)	IEC 62271-1, IEC 62271-100	1. ABB / Hitachi Energy 3. GE T&D India Ltd. ⁽¹²⁾ 2. CGL
E48	132 kV Circuit Breaker (CB)	IEC 62271-1, IEC 62271-100	1. ABB / Hitachi Energy 2. CGL
E49	66 kV Circuit Breaker (CB)	IEC 62271-1, IEC 62271-100	1. ABB / Hitachi Energy 2. CGL
E50	220/132/66 kV ISOLATOR	IEC 62271-1, IEC 62271-102	1. S&S

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S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)
E51	RELAYS (Bay Controller unit and Protection relay on IEC 61850 protocol)	IEC 61850, IEC-60255, IEC-61000-4, IEC 60571, IEC 60068	1. ABB / Hitachi Energy 2. Schneider 3. Siemens 4. GE T&D India Ltd. ⁽¹³⁾
E52	Sub-Station Automation (SAS) on IEC 61850 protocol	IEC 61850	1. ABB / Hitachi Energy 2. Schneider 3. Siemens 4. GE T&D India Ltd. ⁽¹⁴⁾
E53	NGR	IEEE C57.32, IEC-60099-4, IEC-62271-102, IEC 60076-25	1. National Switchgear 2. Resitech
E54	Electrical Panels / Distribution Boards	IS/IEC 61439-1&2, or IEC 61439, IEC 61641 with switchgear as per IS/IEC 60947, or IEC 60947	1. L&T-TERA 2. ABB-Elsteel 3. Schneider-BlokSeT 4. Ritlal India Pvt. Ltd. (with L&T Switchgear) 5. L&T Electrical & Automation-Ti 6. Legrand (Novateur Electrical and Digital System Pvt. Ltd)-XL3 7. ABB India Ltd-ArTuk ⁽³⁾ 8. Siemens Ltd-Siepan ⁽³⁾
E55	Fire Fighting Pumps (Fire Services)	ISO 9906, NFPA 20 Motor for Fire Service: IS 15999 / IEC 60034	1. Armstrong 2. Wilo 3. Kirloskar Brothers Ltd. 4. KSB
E56	Addressable Fire Detection System	NFPA 72	1. Notifier (Honey Well) 2. Simplex 3. Siemens Ltd.
E57	Clean agent-based Fire Suppression System for Panels (Inert Gas (IG-100) Based flooding system)	NFPA 2001 Tubing - UL 521 Cylinders and Valves - PESO Certificate IS 15660: 2017 / BS EN ISO 7866: 2012 ISO 527 EN ISO 17871 ISO 179/2-1eA	1. Rotarex 2. Swastik Synergy Engineering

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E58	LT Cu and Al Cables (for Underground Work): LSZH Type armoured cable. FS Type armoured cable.	BS 6724 (for Cu) & IEC 60502-1 (for Al) BS 7846	1. Polycab 2. Ducab 3. KEI 4. Paramount Cables 5. Havells India Ltd.	6. Bonton Cables 7. R R Kabel 8. KEC ⁽¹⁶⁾ 9. Rashi Cables
E59	Wires (for Underground Work): LSZH and FS Wires. BMS Control cables 500/700 V	BS/EN50525-3-41 and BS 6387 BS 6724 & BS 7846 BS/EN 50288-7	1. Polycab 2. Ducab 3. KEI 4. Bonton 5. SBEE Cables ⁽¹⁷⁾	6. R R Kabel 7. Paramount Communications 8. Rashi Cables
E60	UPS (60 kVA and above)	IS-16242, or IEC 62040	1. Riello (PCI) 2. APC Schneider 3. Socomec Innovative Power Solution Pvt. Ltd. 4. Fuji Electric Consul Neowatt Pvt. Ltd. 5. Vertiv Energy Pvt. Ltd.	6. Numeric UPS (Novateur Electrical and Digital System Pvt. Ltd.) 7. Eaton Power Quality Pvt. Ltd. 8. Autometers Alliance ⁽¹⁶⁾ & ⁽¹⁷⁾ 9. Hitachi Hirel Power Electronics ⁽¹⁶⁾
E61	Battery (NiCd) for UPS	IEC 60623 / IS 10918	1. HBL	2. SAFT
E62	LED Light Fixtures (Indoor Application)	BIS certified, complying L-70, B-50 standards for 50000 hrs Luminaire Standard: IS 16106, or LM-79-8 Control gear for LED Drivers: IS 15885-Part 2/Sec 13, or IEC 61347-2-13 Uniformity Factor: BS 12464 TM 21 report LM-80 report	1. Philips 2. Crompton 3. Wipro* (for Elevated) 4. Halonix Technologies Pvt. Ltd. 5. Havells India Ltd. 6. Bajaj Electricals Ltd. 7. Purnima Solar Technologies ⁽¹⁸⁾ 8. Orient Electric 9. Jai International ⁽³⁾ & ⁽²⁰⁾ 10. Ledure Lightings Ltd. ⁽³⁾ & ⁽²⁰⁾	

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E63	LED Light Fixtures (Outdoor Application)	BIS certified, complying L-70, B-50 standards for 50000 hrs Luminaire Standard: IS 16106 or, LM-79-8 Control gear for LED Drivers: IS 15885-Part 2/Sec 13 or, IEC 61347-2-13 Uniformity Factor : BS 12464 TM 21 report LM-80 report	1. Philips 2. Crompton 3. Bajaj 4. Wipro* (for Elevated) 5. Halonix Technologies Pvt. Ltd. 6. Havells India Ltd. 7. WM Energy and Lighting ⁽¹⁸⁾ 8. Purnima Solar Technologies ⁽¹⁸⁾ 9. Orient Electric 10. Jai International ^{(3) & (20)} 11. Ledure Lightings Ltd. ^{(3) & (20)}
E64	MS & G.I. Pipes	IS 1239 / IS 3589, Galvanization as per BS EN ISO 1461 / IS 4736	1. Jindal 2. Tata 3. Surya Roshni ⁽¹⁷⁾ 4. GOEL Pipe ^{(3) & (20)} 5. Goodluck ^{(3) & (20)} 6. Indus Tubes Ltd. ^{(3) & (20)}
E65	Sewage Pumps Submerged Semi open Impeller Non-Clog Type, Seepage Pumps Submerged Semi Open Impeller.	ISO 9906 / ANSI HI 14.6 BS EN ISO 5198, Motor compliant to IEC BS / EN 60034-1	1. Grundfoss 2. Wilo Mather and Platt Pumps Pvt. Ltd. 3. KSB 4. Kirloskar Brothers
E66	LT Bus duct (Sandwich type)	IS/IEC 61439-1&6, or IEC-61439-1 & 6	1. C&S 2. Henikwon (L&T) 3. EAE Elektik 4. Advance Panels and Switchgear Pvt. Ltd. 5. Legrand (Zuccini) (Novateur Electrical and Digital System Pvt. Ltd.) 6. Schneider Electric India Pvt. Ltd.
E67	DG sets	ISO 8528, complying latest CPCB norms ISO 3046 / BS 5514 / BS 649 IS 4722 IS 8183	1. Sudhir 2. Sterling Wilson 3. Electro Equipments

Signature
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E68	Air- Conditioning System (VRF & Split)	-	- Blue star - LG - Daikin - Mitsubishi - Carrier Air-Conditioning & Refrigeration Pvt. Ltd. (Carrier Make) - Carrier Air-Conditioning & Refrigeration Pvt. Ltd. (Toshiba)
E69	FRLSH XLPE Cable	IS 7098	- Bonton - Cords cable - Havells - Polycab - KEI - Paragon Cable India (Elektron) - Special Cables Pvt. Ltd. - APAR Industries Ltd. (Unicab) - SBEE Cable (India) Ltd. - Ravicab Cables Pvt. Ltd. - Gupta Power Infrastructure Ltd. (Rhino Wires & Cables) - Gemscab Industries Ltd. - Chandresh Cables Ltd. ⁽³⁾ - Ravi Industries ⁽³⁾ - Dynamic Cables Ltd. - Tortek India Pvt. Ltd. ⁽³⁾ - Thermo Cables Ltd. - Diamond Power Infrastructure Ltd. - Sriram Cables Pvt. Ltd. - R R Kabel Ltd. - BMI Cables Pvt. Ltd. - Tirupati Plastomatics Pvt. Ltd. - K M Cables Pvt. Ltd. - Plaza Wires Ltd. - Ravin Cables Ltd. - Paramount Communications Ltd. - V-MARC India Ltd. - KEC International Ltd. - LKB Engineering Pvt. Ltd. - Insucon Cables and Cond. Pvt. Ltd. - Gloster Cables Ltd. - Svarn Infratel Pvt. Ltd. - Shriram Telelink

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Delhi Metro Rail Corporation Limited

DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)	
E70	FRLSH PVC Cables FR Wire	IS 1554, IS 694	1. KEI 2. Bonton 3. Havells 4. Polycab 5. Paragon Cable India (Elektron) 6. APAR Industries Ltd. (Unicab) 7. Ravicab Cables Pvt. Ltd. 8. Gemscab Industries Ltd. 9. Chandresh Cables Ltd. (for FRLSH PVC Cables only) 10. Ravi Industries 11. Fortuneart Wires and Cables Pvt. Ltd. 12. BMI Cables Pvt. Ltd. ⁽³⁾ 13. TorteK India Pvt. Ltd. ⁽³⁾ 14. Rashi Cable Pvt. Ltd. ⁽³⁾	15. Thermo Cables Ltd. 16. Sriram Cables Pvt. Ltd. 17. R R Kabel Ltd. 18. Tirupati Plastomatics Pvt. Ltd. 19. K M Cables Pvt. Ltd. 20. Plaza Wires Ltd. 21. Ravin Cables Ltd. 22. Paramount Communications Ltd. 23. V-MARC India Ltd. 24. Insucon Cables and Cond. Pvt. Ltd. 25. Gloster Cables Ltd. 26. Svarn Infratel Pvt. Ltd. 27. Shriram Telelink
E71	Water cooled Screw / Centrifugal Chillers	Performance as per AHRI Standards 550/590 or Eurovent Certified. Pressure vessels as per ASME sec VIII Div 1/ PED-2014/68/EU	1. Trane 2. York 3. Dunhambush 4. Carrier 5. Climaveneta Climate Technologies Pvt. Ltd.	6. Daikin Air-Conditioning India Pvt. Ltd. 7. Voltas Ltd. 8. Blue Star Ltd. 9. Kirloskar Chillers Pvt. Ltd. ⁽³⁾ & ⁽²⁰⁾
E72	Air cooled Screw Chillers	Performance as per AHRI Standards 550 / 590 or Eurovent Certified	1. Carrier 2. Climaveneta Climate Technologies Pvt. Ltd. ⁽³⁾ 3. Voltas ⁽³⁾	4. Blue Star ⁽³⁾ 5. Daikin Airconditioning ⁽¹⁷⁾ 6. Trane Technologies 7. Dunham-Bush

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DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)
E73	ECS Pumps (Vertical Inline/Monoblock pump/ Horizontal Split case)	Standard HI 1.6 / ISO 9906 / IS 9137 HI 14.6	1. Grundfoss 2. Xylem 3. Armstrong Design Pvt. Ltd. 4. Kirloskar Brothers Ltd. (except vertical inline pump) 5. KSB
E74	Variable speed Distributed AHU's and FCU Pumps	ISO 9906	1. Grundfoss 2. KSB
E75	ECS FANS (Axial Fan/Inline fan/Wall Mounted),	1. Performance as per AMCA 210 or ISO 5801 2. Noise as per AMCA 300 or BS 848 3. Motor as per IEC 60034 / IS 15999	1. Kruger 2. Systemair 3. Air Flow Pvt. Ltd. 4. Wolter Ventilators India Pvt. Ltd. 5. Greenheck
E76	Air Handling Unit (Plug Fans with Internal Rotor Permanent Magnet Motor (PM))	1. Casing EN 1886 / AHRI-1350 2. Coil: EN 1216/AHRI-410 3. Fan: AMCA 210 or ISO 5801 / AHRI 430 4. Rating and the Performance of AHU as per whole: Eurovent Certified as per EN 13053 / AHRI Certified as per relevant standard	1. Systemair 2. Edgetech Air Systems 3. Waves Aircon 4. Citizen Industries 5. Zeco Aircon 6. Finpower Aircon Systems Pvt. Ltd. ^{(3) & (20)}
E77	ECS Sound Attenuator	Tested as per BS EN ISO 7235 or ASTM E 477 ASTM E-84 / UL no. 723	1. Ruskin 2. Systemair 3. ETA 4. Kruger Ventilation Industries ⁽¹⁶⁾
E78	Fire Dampers (MFD/FLFD/FMD)	UL 555 S & 555 and AMCA 500 BS 476 Part 20, UL classified	1. Ruskin* 2. Green Heck* (* except Honeywell Actuator)

Opin
10/02/2026
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DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)
E79	Prefabricated Ducts	DW 143 & DW-144, SMACNA IS 277	1. Waves 2. D. S. Ductofab Systems 3. Zeco Aircon
E80	VFD	UL 508c, IEC 61800 and Harmonics control as per IEEE 519	1. Fuji 2. Danfoss 3. L&T Electrical & Automation (for VFD Series Fx2000 and Hx2000) 4. Delta Electronics India Pvt. Ltd. 5. Yaskawa
E81	PLC based BMS for building services	SIL-2 as per EN-50128 certified PLC based BMS for building services having redundant configuration at processor, communication and power supply level. PLC processor shall have the capability to support one of the following language structures: • Structured Text • Subsequent Function Charts • Ladder Logic • Function Block	1. GE 2. Rockwell 3. Honeywell 4. Schneider Electric India Pvt. Ltd. 5. Siemens Ltd.
E82	Tunnel Ventilation Fan (TVF, TBF, TEF) with fire rating of 250°C for 2 Hrs.	Performance as per AMCA 210, ISO 5801, AMCA 250, ISO 13350. Noise as per BS EN 848 / ISO 13347/ ISO 37347/ DIN 45635. Vibration: ISO 14694/ ISO 10816. Tunnel ventilation Fan motors with fire rating of 250°C for 2 Hrs tested as per IEC 60034 / IS 15999	1. Flaktwood 2. Witt and Sohn 3. Systemair 4. Green heck (for TEF only) 5. Air Flow Pvt. Ltd (for TEF only) 6. Witt India (for TEF only) ⁽³⁾ 7. CFT ⁽¹⁷⁾ 8. Kruger Ventilation Industries ⁽¹⁶⁾ & ⁽¹⁷⁾

Drain
10/02/2026
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DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

S. No.	Items	Reference Standard	Approved Makes (Superscript indicates Riders explained at the end of table)
E83	TVS Sound Attenuator with fire rating of 250°C for 2 Hrs.	Tested as per BS EN ISO 7235 or ASTM E477 Attenuator material tested as per & BS476 or ASTM E84	1. Ruskin 2. ETA 3. Kruger Ventilation Industries ⁽¹⁶⁾ 4. System Air India Pvt. Ltd. ^{(3) & (20)}
E84	Air Compressor	1. Performance as per ISO 1217 or Equivalent. 2. Air receiver as per ASME Section VIII DIV 1 or IS 2825 or BS 5169	1. Chicago Pneumatic Compressor ⁽³⁾ 2. Atlas Copco (India) Ltd. ⁽¹⁵⁾ (Submitted on e-procurement portal through Times Marketing Pvt. Ltd.)
E85	Tunnel ventilation Damper with fire rating of 250°C for 2 Hrs.	AMCA 500, 510 and UL 555 / BS 476 PART 20 Leakage-class-1 as per UL 555s	1. Trox 2. AWW 3. Ruskin 4. Flow Pro ^{(16) & (17)}
E86	EOT Crane	IS 3177:1999, IS 807:1976/ DIN 15018, IS 3938:1979/ FEM 9811, IS 2266:1976/ FEM 1001, IS 4460:1967, BS 466, BS 2573, BS 5395, DIN 15018/ EN 13001/ EN 15011, DIN 15401, FEM 9.683, FEM 9.661, DIN 15020	1. DEMAG 2. Times Industrial Engineers Pvt. Ltd. 3. Cranex Ltd.
E87	High mast and street light pole	IS 2062/ IS 875 Part iii IS 4736/ EN ISO 1461	1. Bajaj 2. Transrail Lighting Ltd.
E88	Cooling Tower	CTI STD-201	1. Bell Cooling Towers Pvt. Ltd. 2. Paharpur Cooling Towers Ltd.

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बाराखम्हा रोड, नई दिल्ली-110001

Description of Riders:

- (1) M/s Sterlite is approved only for 66 kV & 132 kV Cables.
- (2) Subject to submission of NABL accreditation certificate for in-house testing.
- (3) The applicant will have to establish provenness for a minimum three years for the offered model of equipment at the time of submission of proposal.



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DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

Description of Riders:
(4) The applicant should submit valid Type Test Reports for the type of Cable proposed for use in execution of contract.
(5) The applicant should submit valid Type Test Reports for the type of Joint proposed for use in execution of contract.
(6) The applicant should submit valid Type Test Reports for the Battery Charger proposed for use in execution of contract.
(7) The applicant should submit valid Type Test Reports for the type of cable proposed for use in execution of contract. In addition, for 220 kV cable pre-qualification test report as per IEC should also be submitted. Manufacturer should ensure quality of cables during manufacturing. The cables shall be supplied with a warranty of 5 years from the date of commissioning.
(8) The applicant should submit Type Test Report for the type and rating of actual equipment proposed, valid at the time of submission of proposal in the execution of contract. Manufacturer should ensure quality of cables during manufacturing. The cables shall be supplied with a warranty of 5 years from the date of commissioning.
(9) The applicant should submit Type Test Reports for the type and rating of actual equipment Proposed, valid at the time of submission of proposal in the execution of contract. Since, some of the performance certificates are for recent installations, commissioned for recent period of less than 3 years, therefore, the applicant should provide warranty of 5 years from the date of commissioning.
(10) The applicant should submit Type Test Reports for the type and rating of actual equipment proposed, valid at the time of submission of proposal in the execution of contract. Manufacturer should ensure quality of GIS during manufacturing. The GIS shall be supplied with a warranty of 5 years from the date of commissioning.
(11) Short circuit withstand Test Report is not submitted (special test as per IEC 60076). The applicant should submit Valid Short Circuit withstand Test Report and Type Test Reports for the type of Transformer proposed for use in execution of contract.
(12) The applicant should submit Type Test Reports for the type and rating of actual equipment proposed, valid at the time of submission of proposal in the execution of contract.
(13) Type Test Reports of Relays of MiCoM Series and Multilin Series are submitted. The applicant may be asked to submit Type Test Reports of Specific Model proposed for use in execution of contract.
(14) The applicant should submit Type Test Report of Specific version for the type of SAS proposed for use in execution of contract.
(15) Subject to submission of test certificate as per ASME Section VIII DIV 1 or IS 2825 for Air receiver.
(16) The applicant should submit valid type test report of the item from proposed manufacturing unit.
(17) The applicant will have to establish provenness for a minimum three year for the offered model of equipment at the time of submission of proposal.

10/02/2026
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Delhi Metro Rail Corporation Limited

DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

Description of Riders:

- (18) The applicant shall have NABL accredited in-house testing facilities at the time of submission of proposal.
- (19) (i) After-sales service assurance, (ii) A factory visit to assess the quality aspects, and (iii) Valid type test report and compliance with DMRC specifications.
- (20) All the valid Type Test reports should be ensured at the time of submission of proposal in the execution of contract.
- (21) 132 kV CVT of M/s CGL shall be provided with 5 years warranty from taking over after commissioning.
- (22) Approved for 132/27.5 kV Traction Transformer (TT) with 5 years warranty from taking over after commissioning.

Note:

- (1) The Makes existing as 'Already Approved Makes' in 'DMRC's List of Empanelled Makes for Major Electrical Items 2022' are already included in the 'RDSO Approved Sources' depicted in this 'DMRC's List of Empanelled Makes of Major Electrical Items (as on 31.07.2025)'.

Disclaimers:

- (1) Please note that this enlistment does not guarantee award of work / Supply of Items / Product.
- (2) During technical evaluation stage for the proposed products, valid type tests reports, compliance to technical specifications and BOQ shall be evaluated by DMRC, besides other details before issuing "No Objection" for procurement of proposed product.
- (3) DMRC reserves the right to inspect the workplace / factory / manufacturing unit for assurance of product quality. Manufacturer / OEM shall arrange inspection of the product as and when required by DMRC.
- (4) It may be noted that any changes in product range, brand name, location of work / organization structure / address / Phone / email, etc. shall be intimated to this office immediately along with relevant documents for necessary updating of database.
- (5) DMRC reserves the sole and absolute right to cancel the enlistment without assigning any reason thereof.
- (6) In case any information provided is found to be incorrect or misleading, DMRC will be at liberty to take suitable penal action as considered appropriate.
- (7) The terms and conditions of Original NIT and the Addendums thereof are an integral part of this process and shall remain applicable.
- (8) DMRC reserves the right to approve additional vendors / makes for the items already included in the list, in case of any exigencies.

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DMRC's List of Empanelled Makes of Major Electrical Items (as on 10.02.2026)

Disclaimers:

- (9) All Type Test including the applicable special test as per the relevant standard and DMRC's contract specifications should have been conducted by the vendor, and the Test reports should be submitted by the vendor, and in case any Type Test / the applicable special Test is not valid as per contract conditions at the time of submission of vendor proposal in main contract, the vendor undertakes to repeat the Type Test and the applicable Special Tests as per standards and DMRC's contract specifications, again at their own cost before the vendor approval.
- (10) The vendor undertakes to comply to all the conditions of DMRC's Vendor Policy including the submission of Vendor warrantee undertaking and tripartite agreement in the main contract of DMRC (Ann-2A & Ann-2B of DMRC's Vendor Policy).

10/02/2026

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