



भारत सरकार GOVERNMENT OF INDIA
 विशेष महानिदेशक का कार्यालय (परियोजना क्षेत्र)
 OFFICE OF THE SPECIAL DIRECTOR GENERAL [PR]
 केंद्रीय लोक निर्माण विभाग CENTRAL PUBLIC WORKS DEPARTMENT
 पहली मंजिल "जी" विंग राजाजी भवन 1ST FLOOR, "G" WING, RAJAJI BHAWAN
 तीसरे एवेन्यू, बसंत नगर 3RD AVENUE, BESANT NAGAR,
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F.No. 32/2/2019-NP/SDG(PR)/ 1046-786 (H) Date: 13.03.2020

To

All Addl. Directors General,

All CEs, Chief Engineers cum Executive Director.

All SEs, Superintending Engineers cum Project Manager

Under Cordination Jurisdiction of Project Region, Chennai

Sub : 1) List of approved makes for incorporation in tender documents (Civil).

2) List of approved makes for incorporation in tender documents (E & M).

Ref : 1. O.M. No DG/New Product/16 dated 07.11.2019

2. This office Lr.No. 32/2/2019-NP/SDG(PR)/082-95(H) dated 07.01.2020

The approved make list of major items (Civil –Annexure A & E&M-Annexure-B) has been published in website for perusal and further action by CEs/CE cum EDs/SEs/SE cum PDs vide this office letter under reference No. 2. In continuation to the above, a revised list of approved materials are enclosed for further necessary action.

It may be noted that inclusion of any make in the preferred list will not absolve the responsibility of the field staff to ensure that the material brought at site /proposed to be used for works are as per approved /laid down specification in the agreement.

Since there may be wide variations in rates/quality of certain items, it is also enjoined upon all NIT approving authorities to check parity of materials/products at their end.

This issues with the approval of Spl.Director General, Project Region, Chennai.

Signature
15/3/2020

Chief Engineer (Works cum TLQA)

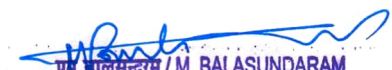
Encl : 1. Annexure –A (Civil)

2. Annexure – B (E & M)

List of Preferred Makes- Electrical Works

Sl. No	Description of Material	Brand / Make
1	PVC insulated FRLS copper wires i/c Control cables	Finolex/Havells/Polycab/RR Kabel/Anchor/Asmon/Mescab/L&T/KEI/Power flex/Q flex
2	XLPE insulated PVC sheathed Al, Cu & Control cables	Universal /RPG Cables/Finolex/CCI/Waina/Lappakable/Anchor Panasonic/Havells/ Batra/ Henlay/RR Kabel/Gloster/Havells/Torrent/ KEI/Ravin/ polycab
3	UTP Cable	Legrand/Molex/Finolex/Commscope/Panduit-Pannet./Havells/Batra/Henlay
4	OFC Cable	Finolex/Sterlite Tech/Commscope/Corning/Panduit/Siemen
5	MS Conduit & Accessories of MS Conduit (ISI marked)	BEC/AKG/NIC/Steel Kraft/Gupta/VIMCO RMCON/Javeri
6	PVC Conduit- (Colour-Gray/Ivory)	Precision/Polycab/AKG/Finolex/Konseal/BEC/ Asian/Nihar/Anchor Panasonic/Avonplast/Modi/Anchor/Vasavi/Emjay/Javeri/DEC
7	Vaccum Circuit Breakers	GE/Siemens/L&T/ABB/Schneider/Crompton/ Eaton/C&S
8	Air Circuit Breakers	Legrand-DMX3/ Schneider/Siemens-3WL/L&T/ABB/Hager/GE/Crompton Master pact & U Power/ABB/Crompton/Eaton/Anchor/Havells/ C&S/HPL
9	MCCB	Legrand-DX3/Schneider-ACT19/Siemens 5SX4/L&T-d sine/ABB/Eaton/C&S/HPL
10	Automatically Operated Transfer Switch (ATS)/ Change Over Switch	Socomec/GE/Siemens/L&T/Legrand/ Schneider/Asco/Havells/C&S/ABB/Hager/ Anchor/HPL
11	MCB	Legrand-DX3/Schneider-ACT19/Siemens 5SX4/Havells/Eaton/ABB/GE/Hager/L&T/Asmon/Panasonic by Anchor/Asmon/Polycab/C&S/HPL

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AE(E)


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12	DB/ELCB/RCBO	Legrand Ekinox3/Schneider ACT19/Siemens Betagard/Myrius/Crabtree/Panasonic/Havells/Eaton/ABB/GE/Hager/L&T/Asmon/Panasonic by Anchor/Asmon/Polycab/C&S/HPL
13	Modular type Switches/GI Boxes/Socket T.V/Telephone/LAN socket Outlet etc for CMS application	Legrand Arteur/Schneider/Zencelo/MK-Elements/Crabtree/Panasonic/MK-Logic Plus/Honeywell(Benz Plus)/Anchor/(Roma Plus)/Savic/Livia
14	Modular type Switches/GI Boxes/Socket T.V/Telephone/LAN socket Outlet etc for Normal application	Legrand-Myrius-Arteur/Schneider-Opale-Livia /MK-Elements/Crabtree/Panasonic/ Havells(ORO)/MK-Logic Plus/Honeywell(Benz Plus)/Anchor/(Roma Plus)/Savic/Crab tree-Athena/Polycab/C&S
15	Rising Main-Compact type i/c tap off boxes, End Feed Boxes, & MCCBs	Legrand/Zucchini/Siemens/ABB-Megaduct(If Air Insulated)/Godrej (S.M.A.R.T,)/C&S/L&T/ Schneider
16	DLP Trunking	Legrand/OBO Betterman/Schneider/MK
17	Floor Trunking/Raceway (GI)	Honeywell MK/OBO Betterman/Legrand/Profab
18	Ammeter/Voltmeter/MF Meter/Energy Meter/Intelligent Meter	AE/MECO/L&T/(only Digital type to be used)/Scomec(Diris)/Schneider/HPL/C&S/ Conserv/Kaycee/Crompton Groves
19	Selector Switch	BCH/Rishabh/Conserv/Kaycee/AE/Crompton Groves
20	Multifunction Meter/Load Managers	Schneider /Siemens/Legrand/ Secure/Socomec(Diris)
21	LED Indication Lights	Schneider/L&T/Legrand/BCH/Eaton/Polycab/ Luker
22	Push Buttons	L&T/Siemens/BCH/Eaton/C&S
23	Connector and Terminal Block	Elmex/Connectwel/Essen
24	Lable Gland	Peeco/Commet/Gripwell/Dowells/Jainsons/Dowells/Pra bath/Raychem/Grandlay
25	Lugs and Thimbles	Dowells/Multi/Capital/Jainsons/Commet/ Prabath/Schneider Electric
26	Capacitor and Harmonic Block Reactor Thyristor Module	L&T/Schneider/Neptune (Ducati)/Legrand
27	APFC Relay (Microprocessor based)	Schneider/L&T/Neptune/Siemens/Legrand

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28	Panel Board/Feeder Piller/Meter Board	Tricolite Electric Industries (Pvt.)Ltd./Advance Panel and Switchgears Pvt.Ltd/Adlec Mundka/ Neptune/Power Control Equipments/L oad Controls/Leela Electric/CPRI approved for relevant bus bar rating/Scheider/BB /Siemen/ L&T Technology/Equipments/ EAP/Milestone/ Neptune/Balaji/Electro Control/Pragathi Control/ Elims Swichboard Pvt.Ltd/Manufacturer having in-house 7 tank process,powder coating facility, CNC Machine having CPRI approved for relevant bus bar rating.
29	Indoor Lighting Fixtures	Philips/Disano/Igguzini/Regent/Osram/LT (Lighting Technologies)/Eveready/ Bajaj/Halonix/ Surya/Jaquar/Wipro/ Havells/Corvi/Syska/ Wipro/ Crompton Greaves/Polycab/Luker/HPL
30	Outdoor Lighting Fixtures	Philips/Disano/Bega/Igguzini/ LT(Lighting Technologies)/Eveready/Bajaj/Halonix/Surya/Jaquar/Wi pro/ Havells/Corvi/Syska/ Wipro/ Crompton Greaves/Trilux/Regent/ Osram/ Polycab/Luker/HPL
31	AC Ceiling Fan	Havells ES 50 Premium/Crompton High Speed Plus/Orient-EcoQuasar/ Almonard/Usha/ Havells/Surya/ Bajaj/Almanard/Usha/Polycab
32	Exhaust fan	Crompton/Havells/Orient/ Bajaj/Almonard/ Polycab
33	Lamps	GE/Osram/Philips/Trilux /Lighting Technologies/ Eveready/Bajaj/Halonix/Surya/Jaquar/Wipro/ Havells/Corvi/Syska/ Crompton/ Panasonic/ Lighting technologies/Litaski/Polycab/ HPL/Luker
34	Angle Holder/Batten Holder	ISI marked Kinjal/Emperor/Anchor/ K555/Polycab
35	Geyser	Crompton/Jaguar/Racold/Havells
36	Cover plate for junction boxes/switch boxes for piano type switch	Hylem/Formica(i.e. white 3 mm thick with ISI mark).
37	Call bell/Buzzer	Anchor/Leader/Rider/Polycab
38	G.I. Pipe	Jindal-Hissar/Tata/Sail/Zenith Birla

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39	Hot Dip Galvanised Cable Tray	Profab Engineer/ MEM/Ricoh/Slottco/ Steelways/BEC/Fixotec/MEM/OBO Betterman/ RMCON/Profab/Indiana/MBM/ Legrand
40	Occupancy sensor Passive infrared PIR based occupancy sensor Ceiling mounted daylight sensor	Hager/Honeywel/Lutron/Helvar/Schneider
41	Surge Protection Devices	Pork/Obo/Fraser
42	UPS System	Legrand(Numeric)/APC (Schneider)/Eaton/Siemens/Liebert/Emerson
43	Transformer (Oil Type)	Kirloskar/ABB/Crompton/Voltamp
44	Transformer (Dry Type)	Kirloskar/ABB/Crompton/Voltamp
45	LED Exit Emergency Light (with 2 hour battery backup)	Prolite/Bajaj/Schneider/Legrand/Philips
46	Telephone/TV/Cat-6 cble	Polycab/Q flex
47	SDFU/SFU/Contractor/OLR/Pilot lamp/On load by pass switch/Load break switch	C&S/HPL
48	Solar LED Street Lights, Solar energy efficiency lamps, Solar home Lights, Solar power plant solutions, Solar AC/DC DB, Solar AJB, Solar MJB	HPL
49	Composite High/low pressure water mist and CAF fire extinguishers and portable composite fire extinguisher (maintenance free/corrosion free)	Aska Equipments Ltd.,

List of Preferred Makes - Fire Alarm

Sl. No	Description of Material	Brand / Make
2	Analog Addressable Type Rate of Rise/Fixed Heat Detector with Dual LED	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/ Raval/Mircom

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3	Analog Addressable Type Multimedia Detector with Dual LED	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/Mircom
4	Duct Detector Housing	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/ Raval/Mircom
5	Addressable type fault Isolator	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/Mircom
6	Response Indicators	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/ Mircom
7	Intelligent Analog Addressable Type Control/Output Modules	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/Mircom
8	Intelligent Analog Addressable Type Monitor Modules	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/Mircom
9	Analog Addressable type Active Repeater Fire Alarm panel with Backlit LCD Display	Bosch/L&T/Notifier /Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/ Mircom
10	Microprocessor based analog addressable intelligent fire alarm control panel	Bosch/L&T/Notifier /Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/ Mircom
11	Exit Point Directional Sounder with minimum 4 distinct Sound patterns	Bosch/L&T/Notifier /Siemens/System Sensor by Honeywell/GE Security/ Edward/ Raval/Mircom
12	Manual Call box	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/ Mircom
13	Addressable Type Loop Powered Hi tone hooter	Bosch/L&T/Notifier/Siemens/System Sensor by Honeywell/GE Security/Edward/Raval/Microm
14	Exit Signs	Bosch/L&T/Notifier /Hochiki/Cooper/ Prolite/ Autoglow/Microm/Prolite
15	Copper conductor pvc insulated FRLS wire	Finolex/Polycab/Havells/Walna/Lappkabel/Anchor-Panasonic/Havells/Batra/Henlay/Anchor/ RR Kabel/Asmon/Mescab/L&T/KEI/Power flex/
16	Armoured copper conductor cable	Universal /RPG Cables/Finolex/CCI/Mircom
17	Fire Survival Cable	Batra/Henlay/Tyco/Havells/Lappkabel
18	Any other item	As per approval of Engineer-in-charge.

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PA System		
Sl. No	Description of Material	Brand / Make
2	Speaker & accessories	Ateis/Audiotrak/Bosch/Philips/Honeywell/TOA/ JBL
3	Voice evacuation system	Edwards/Notifier/Tyco/Bosch/Notifier/Siemen/Schneider/Mircom
4	Twisted pair shielded Cu conductor	Finolex/Fusion Polymers/Polycab/RR kabel/Havells/Avocab/Lapp
5	Metallic/GI Conduit (ISI approved)	AKG/BEC/NIC/Steel Kraft/VIMCO/Gupta/ RMCON/Javeri
6	Accessories for Metalic/GI Conduit (ISI approved)	AKG/BEC/NIC/Steel Kraft//VIMCO/Jindal/ Tata/Zenith Birla
7	Talk back system	Royal electronics/Agni/Tyco/ Legrand/BOSCH/Notifier/Siemens/Edward/Schiender/MIRCOM
8	TTA Panel conforming to IS 61439 Design	BOSCH/Notifier/Siemen/Edward/Schneider
9	Any other item	As per approval of Engineer-in-charge.

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