

APPROVED LIST OF NOMINATED MANUFACTURERS/ SUPPLIERS OF MATERIALS

Note:

1. NO DEVIATION SHALL BE PERMITTED.
2. Wherever contractor proposes to use “equivalent” makes (other than specified), the same shall be done only after prior approval from Architect. The Architect may consult the Employer before giving approval, time due to this will be in the Contractor’s account and no claims will be entertained.
3. All material to be used shall be first quantity unless otherwise specified.
4. All sizes of materials mentioned shall be finished sizes.

CIVIL & INTERIOR FINISHES WORKS

No	<i>Item Description</i>	Approved Brands/ Manufacturers
1	Marine Plywood	Kenwood, Anchor, Century, Greenply, Shreeji, Kutty
2	Commercial Plywood	Kenwood, Anchor, Century, Greenply, Shreeji, Kutty
3	a. Plain Particle Board	Kenwood, Anchor, Century, Greenply, Shreeji, Kutty
	b. Pre-laminated Particle board	Kenwood, Anchor, Century, Greenply, Shreeji, Kutty
4	Block Board	Kenwood, Anchor, Century, Greenply, Shreeji, Kutty
5	Gypsum boards	Saint Gobain India.
6	Veneers (3 to 4 mm and paper	
	paper veneers) Group matching,	Euro, Century, Green lam, Archid
	straight grain of following species	
	Teak, Walnut, Mahogany Paduk,	
	Maple white cedar unless	
	otherwise specified.	
7	Laminates 1mm & 1.5 mm	Century, Greenlam, Merino
		Merino, Greenlam, Samarth
8	Drawer channels	Earl Bilhari, Efficient Gadgets, Enox.
9	Soft Board	Jolly Board
10	Screws	Nettlefold, (Brass Oxide)
11	SS Door Hardware	Dorma, Geze, Hafele, Hettich, Kich
12	Floor springs, Door closers, Panic bar, Patch fittings	Dorma, Geze, Hafele, Hettich, Hormann, Sevox, Casma
13	Locks	Godrej, Vijayan, Vision, Dorset
14	Adhesives for Wood, Laminate, Veneer	Fevicol-Pidilite, Euro-Jyoti Resins
15	Paint	ICI, Asian Paints, Nerolac, Berger, Dulux, Godavari Paints

16	Cement Paint	Asian Paints, Snowcem, Beger, Nerolac
17	Floor Spring/ Door Closer	Enox, Everlite, Dorma
18	Locks	Godrej, Vision/ Vijayan, Dorset.
19	Wood Preservative	Bison by British Paints; Woodguard, Termiseal.
20	Metal false ceiling	Armstrong, Luxalon
21	Castors	Pitroda, Rexilla
22	Artificial leather	National Leather Cloth Mfg. Co., Bhor.
23	Carpet	Pvr floor, Galeecha carpet, Indiana floor
24	Fire retardant Paint	Fire Tard
25	Glass wool	U.P Twiga , Rock wool. Mirkon
26	Ceramic Tiles	Somany, Nitco, Kajaria, HR Johnson, Agl, Asian
27	Vitrified Tiles	Somany, Nitco, Kajaria, HR Johnson, Agl, Asian
28	Glass	Pilkington, Saint-Gobain, Asahi, Modi Guard, Sisecam
29	Cement	ACC, Ultra Tech, Gujarat Ambuja
30	Vertical/ Horizontal Blinds	Vista, Levolor, Mac.
31	Writing Board	White Mark, Alko Sign
32	Tecsound Sheet	Texsa, Envirco Solutions, Sound Blanket, Tranquil
33	Cotton Fabric	Century, Raymond
34	Mirror	Modi., Saint Gobain.
35	Nylon Fabric	Reliance
36	Foam of chairs, sofa	MM Foam
37	Aluminum Section	Jindal, Indal
38	Fabric Protection	Scotchguard of Birla 3M
39	White Cement	Birla White
40	Acoustical grid ceiling	Armstrong – AMK, Anutone, Fibercrete, Ecotone, Knauf, Gyptech
41	Fabric (fire Retardant)	D – Décor, Rajasthan Spinning Mill or equivalent.
42	Polyester fibre board panels	Techno Acoustics, Tranquil, or Equivalent
43	Polyester fibre insulation - Mikron	Prime, Nowofill, Mikakasha Mikron
44	Anti Vibration/isolators	Sylomere
45	Expanded polyurethane foam	Saint Gobain, Mcoy, 3M
46	Acoustic wooden panels,	Gyptech, Techno Acoustics, Ecotone
47	AAC blocks	Aerocon, Siporex, Ultra Tech, Ecolite, Godrej
48	Polymer Modified Adhesive Mortar for AAC Blocks	Walplast, Ultra Tech, Madras Cement Ltd, Sound Build Care Ltd., Ferrouscrete, Precise Conchem Pvt Ltd., Keracol, Pidilite
49	Gypsum Light Weight Plaster	Gyproc, Ferrouscrete, Ultratech, Saint Gobain

50	Ready Mixed Cement Plaster	Walplast, Ultra Tech, Madras Cement Ltd, Sound Build Care Ltd., Ferroucrete, Precise Conchem Pvt Ltd.,
51	Polymer Modified Cementitious Grout / Cement Adhesive / Epoxy Grout	Pidilite, Basf, Cico, Fosroc, Roff, Laticrete, Ardex Endura, MYK Arment
52	LVT flooring	Tarkett, Armstrong, Square foot, Pergo
53	Calcium Silicate Boards/Tiles	Hilux, Promat, Visaka, Starpan, Aerolite
54	Wallpaper / Vinyl Graphics	Marshalls, Bharat Furnishings, Pvr flooring
55	Glass partitions	GEZE, Jeb, Bene, Vetroln, Fantoni
56	Solid core flush door shutter	Kenwood, Anchor, Century, Greenply, Shreeji, Kutty
57	Engineered Composite marble	HR Johnson, Cmc, Agl, Asian
58	Granite	Cmc, Elegant, Asia pacific, Stone source
59	Plaster of paris	Mk, Saint-Gobain
60	Adhesive for Granite, Marble, Stone	Araldite, Huntsman

MEP WORKS

List of Makes of Materials-Fire Fighting

1.	G.I. Pipes class "C"	TATA Zenith jindal Hissar
2.	G.I. Fittings (Screwed)	R - brand Zoloto-M Unik Jainsons
3.	Gate Valve / Sluice Valve	Leader Zoloto KITZ
4.	C.I. Check Valve/ NRV	Advance Zoloto Lehry Danfoss
5.	C.I. Butterfly Valve	Audco Zoloto Lehry Danfoss
6.	Hydrant Valve	Safegaurd Shah Bhogilal Newage, Mumbai
7.	Fire Brigade Breaching	Safegaurd Shah Bhogilal Newage, Mumbai
8.	Fire Brigade Service Inlet	Safegaurd Shah Bhogilal Newage, Mumbai

9.	Fire Pumps	Kirloskar Mather & Platt
10.	Motor	ABB Siemens Kirloskar
11.	Fire Bucket	Crown Ashok A.K.Dey
12.	CO2 Dry Chemical Powder Extinguisher	Safegaurd Supremex kanex
13.	Fire Hose of braided rubber	Dunlop Padmini Safegaurd
14.	Adaptor 65mm x 25 mm	Shah Bhogilal Safegaurd Newage, Mumbai
15.	65 mm dia Canvas Hose reel	Newage, Mumbai Fire Marshall Safegaurd
16.	Pressure Switches	Danfoss Trafap Switzer
17.	Sprinklers	IYCO Safegaurd New age, Mumbai

18.	Flow Switches	Switzer Honeywell Penn
19.	Sprinkler Alarm Valve	HD fire M & P Firetech Shanghai Jindun
20.	Pressure Gauges	H Guru Fizbig Honeywell
21.	Forged & Butt Welded Fitting	Montex Micro Metal Alloys
22.	Flexible Sprinkler pipes	Safegaurd Fire HD Fire Newage
23.	Air Vessel	Local Fabricated by Vendor
24.	Y-Strainer	Zoloto H.Sarkar Kalpana
25.	Ball Valve	Zoloto Lehry Danfoss Legeris
26.	Hose Cabinet	Safex Fire Safegaurd

27.	2-Way Fire Brigade Connection	Minimax Newage, Mumbai Safegaurd
28.	4-Way Fire Brigade Inlet Connection	Minimax Newage, Mumbai Safegaurd
29.	Hose Reel Drum	Safex Fire Safegaurd
30.	Safety Relief Valve	Zoloto
31.	MCCB	L &T Schneider ABB Siemens
32.	MCB	L &T Schneider ABB Siemens
33.	Star/Delta Starter	L&T Schneider ABB Siemens
34.	Contactors	L &T Schneider ABB Siemens
35.	Current Transformer	L &T Schneider ABB Siemens

36.	Selector Switch	L &T Schneider ABB Siemens
37.	ON/OFF Push Button	L &T Schneider ABB Siemens
38.	Indicating Lamp	L &T Schneider ABB Siemens
39.	Auto/Manual Selector Switch	L &T Schneider ABB Siemens
40.	Star/Delta Starter	L &T Schneider ABB Siemens
41.	Single Phase Preventer	L &T Schneider ABB Siemens
42.	Connectors	L &T Schneider ABB Siemens

43.	Air Release valve	Newage,Mumbai H Sarkar Bhoj Brother
44.	Deluge Valve	Tyco HD fire Newage-mumbai Shanghai Jindun
45.	Anti-Corrosive pyrocoat	IWL Rustti Tikiden
46.	Test Assembly	Quinn Gyacomine
47.	Electrical	Arrow Zenith Scott Prabhat Electrical
48.	Diesel Engine	Kirloskar Crompton Greaves Cater piller
49.	Fire Extinguisher	Kanex Minimax
50.	Anti Vibration mountings	Resisto flex Dunlop
51.	Fire Extinguisher	Resisto flex Dunlop

List of Makes of Materials-Plumbing

SR.NO.	ITEM	MAKE PREFERENCES
1.	Sanitary-Ware	Jaquar Duravit Kolher
2.	C.P. Fittings	Jaquar Roca Kolher
3.	Ball valves	Zoloto Leader Lehry
4.	GM Gate Valve / NRV	Sant Zoloto Leader
5.	Water Meter	Honeywell Capstan Kranti
6.	RCC Chambers & heavy duty Covers	Bharat (K.K) Pratibha
7.	RCC Pipe (NP-2, NP-3 Class)	Indian Hume Pranali KK
8.	SS Grating	Aco Chilly
9.	CI pipes	Neco- Centri Kapilansh
10.	Water Heater	AO Smith Racold Bajaj

11.	Butterfly Valves	Audco Lehry Leader
12.	G I Pipe	Tata Jindal Zenith
13.	Manhole Cover	Neco Aco
14.	UPVC Pipes	Astral Supreme Ashirvad
15.	CPVC Pipes	Astral Supreme Ashirvad
16.	Float Valve	Zoloto RB ITOP
17.	PRV valve	Zoloto Honeywell ITOP
18.	Pumps	Kirloskar Wilo Grundfos
19.	D.I. manhole cover	NECO Aco
20.	FRP grating	Bele Mulfe

21.	FRP Drain	Bele Aco
22.	Air Release Valve	Newage Leader Zoloto
23.	RCC grating	Chanel India K.K.
24.	Y-Strainer	Zoloto Sant Emerald
25.	HDPE Pipes	Geberit Wavin
26.	Double Wall corrugated HDPE pipes	D-REX Jain Irrigation Supreme
27.	Drain with DI Grating	Aco Bele Drain
28.	PP PIPES	ASTRAL HULIOT
29.	Fire Sealant	Hilti Birla 3M
30.	Fastener	Hilti Fischer Powers
31.	Pipe Clamp & Supports	Hilti Fischer Chilly

32.	Electrical panel	Adlec Zenith Delta
33.	Hot Water Insulation	Armaflex Thermoflex
34.	M.S/G.I Puddle flange	Locally Fabricated
35.	Paint	Asian Burger
36.	Welding Rod	Ador Cosmos Esab Cosmos Esab
37.	Pressure gauge	Emerald Fiebig H Guru

List of Makes of Materials-HVAC

1.	Fans (AMCA Certified Series Only)	Kruger Nicotra Dynair Systemair
2.	AC Units (VRF Units & Split Units)	Blue Star Daikin Toshiba Mitsubishi Hitachi Samsung

3.	Copper Tubes	Mandev Rajco
4.	Drain Piping (U PVC)	Astral Finolex Prince
5.	GI Sheet	Jindal SAIL TATA
6.	Grille / Pressure Regulating Damper/ Back draft Damper	Caryaire Cosmos Systemair Dynacraft
7.	Anchor Fastener	Fischer Hilti
8.	Welding Rods	Advani-Oerlikon ESAB
9.	Nitrile/Accoustic Insulation Adhesive Insulated Flexible Connection	Armacell - Armaflex K-Flex Pidilite SR 998 Seven Star
10.	Expanded Polystyrene (TF Quality)	Beardsell
11.	Flexible duct connector (Fireproof Canvass Connection)	Mapro Resistoflex
12.	Drain Piping (U PVC)	Astral Finolex Prince
13.	Crimping Lugs / Glands of double compression type	Dowells Jainson Lotus

14.	Pumps (End Suction / Vertical Inline)	Armstrong Grundfoss Xylem
15.	Cooling Tower	Advance Paharpur
16.	Air Handling Unit (AHU/CSU/TFA)	Edgetech VTS Zeco System air
17.	Variable Frequency Drive	Danfoss Model No. FC 102 Siemens (Equivalent to Danfoss FC 102) ABB (Equivalent to Danfoss FC 102)
18.	Fans (AMCA Certified Only)	Kruger Nicotra Systemair Greenheck
19.	M.S. Pipes	Jindal Hissar Tata Steel Zenith
20.	PPR Pipes	Supreme Pipes Prince pipes Astral Pipes
21.	Butterfly valve (65 mm and upwards)	Advance Audco C&R Intervalve BBVI Kitz VTM
22.	Motorized Butterfly Valve with Actuator	Belimo Honeywell Johnson Control Siemens Advance Kitz VTM
23.	Balancing valve (Manual)	Advance Valve Danfoss Honeywell VTM

24.	Pressure Independent Control Valve (PIBCV)	Danfoss Oventrop Flowcon Belimo VTM
25.	Ball valve	RB Leader Zoloto Emerald Rapid Control VTM
26.	Check valve	Advance Valve C&R Audco VTM
27.	Y Strainer	Emerald Leader DS Engg Anergy C&R
28.	Suction Guide Cum strainer Insulated	Armstrong
29.	Flo-Trex Valve Insulated	Armstrong
30.	Air & Dirt Separator & Expansion Tank	Anergy K D Agency
31.	Air Curtains	VTS Mitsubishi SystemAir
32.	Scrubber	Rydair
33.	Pressure Gauge	Fiebig H Guru.
34.	Thermometer	H Guru Fiebig
35.	Ball valve with Y-Strainer	Emerald Rapid Control Zoloto RB Leader
36.	Auto Air Vent Valve	Rapid Control RB Anergy VTM
37.	GI Sheet	Jindal SAIL TATA

38.	Factory Fabricated Duct	Nutech Rolastar Zeco
39.	Grille / Diffuser / Smoke & Fire Damper / Jet Nozzle	Caryaire Cosmos Systemair Dynacraft Air Products
40.	Anchor Fastener	Fischer Hilti
41.	Welding Rods	Advani-Oerlikon ESAB Harries
42.	Expanded Polystyrene (IF Quality)	Beardsell
43.	Premoulded PUF section for pipe support	Lloyd Malanpur
44.	Duct Mounted Ozone Generating UVC lamps/ Ozone generator	UV Aire Aeropure Rydair Oraipl
45.	Proportionate Room Thermostat with Digital Temperature Indication	Danfoss Honeywell Johnson Control Siemens
46.	Flow Switch	Danfoss Rapid Control
47.	Vibration Isolator	Cori Dunlop Flexionics Resistoflex
48.	Vibration Isolator Mount	Grtzner Kinetic Noise Control
49.	Flexible Pipe Connection	Flexionics Resistoflex
50.	Flexible duct connector (Fireproof Canvass Connection)	Mapro Resistoflex
51.	Drain Piping (U PVC)	Astral Finolex Ashirwad Prince
52.	Nitrile Insulation	Armacell K Flex Inner Engineering
53.	Adhesive for Nitrile Insulation	Pidilite SR 998

54.	Flexible Connection	Systemair Carryaire Seven star
55.	S.F.U./ MCCB / MPCB	L & T Siemens ABB Schneider Legrand
56.	Indicating Digital Meters	AE Meco L & T
57.	Crimping Lugs / Glands of double compression type	Dowells Jainson Lotus
58.	MCB / RCCB / RCBO	Legrand Siemens Schneider Hager
59.	PVC Copper Wires (FRLS Grade)	Polycab Finolex RR Kabel LAPP Kenter
60.	L.T.Cables	Polycab Universal KENTER RR KABEL Finolex
61.	Cable glands & lugs	Dowell Braco
62.	PVC Pipe	Diamond Precision
63.	Breakers	Siemens ABB Schneider L&T
64.	Protection Relay	Aisthom Easun-Reyrolle Areva Siemens
65.	Industrial Lamps, Push Buttons	Siemens L&T Technic Schneider

66.	Selector Switch	Siemens L&T Technic Schneider
67.	HRC Fuse	GE L&T Siemens ABB
68.	Breaker Control Switches	GE Easun-Reyrolle L&T
69.	Meters (Ammeter, Voltmeter, KWH Meter, Frequency Meter, PF Meter)	Enercon HPL Meco Cologic Risubh Schneider
70.	Terminals	Elmax Tosha Connectwell
71.	CO Sensor	Honeywell Greystone
72.	Ceramic Wool insulation	Inner Enginnering Llyods Unifrax

List of Makes of Materials-ELV and IBMS

A.	FIRE ALARM SYSTEM	
1	FIRE ALARM CONTROL PANEL	BOSCH SCHRACK SIEMENS SIMPLEX EATON COPPER
2	NETWORK REPEATER PANEL	BOSCH SCHRACK SIEMENS SIMPLEX EATON COPPER
3	MONITOR MODULE, CONTROL MODULE	BOSCH SCHRACK SIEMENS SIMPLEX EATON COPPER
4	DETECTORS	BOSCH SCHRACK SIEMENS SIMPLEX EATON COPPER
5	HOOTER, MCP	BOSCH SCHRACK SIEMENS SIMPLEX EATON COPPER
6	GAS LEAK DETECTOR	VIGNAHARTA AMBERTRONICS
7	FIRE ALARM CABLE	POLYCAB KENTER LAPP KEI
8	HMS CONDUIT	BEC PRECISION PRESSFIT ASTRAL

9	GLANDS & LUGS	DOWELLS COMET GLOBEX LOTUS
B.	FIREMAN TELEPHONE SYSTEM	
1	FIREMAN TELEPHONE PANEL	EATON COPPER SIMPLEX SIEMENS SIMPLEX RAVEL
2	TELEPHONE JACK	EATON COPPER SIMPLEX SIEMENS SIMPLEX RAVEL
3	TELEPHONE BOX	EATON COPPER SIMPLEX SIEMENS SIMPLEX RAVEL
C.	PA SYSTEM	
1	PUBLIC ADDRESS & VOICE ALARM SYSTEM	BOSCH SCHRACK TSG AYZO
2	ZONE CALL STATION	BOSCH SCHRACK TSG AYZO
3	MICROPHONES	BOSCH SCHRACK TSG AYZO
4	AUDIO AMPLIFIERS	BOSCH SCHRACK TSG AYZO
5	SPEAKERS	BOSCH SCHRACK TSG AYZO

6	PA CABLE	POLYCAB KENTER LAPP KEI
7	HMS CONDUIT	BEC PRECISION PRESSFIT ASTRAL
D.	CCTV SYSTEM	
1	VMS	NETWORK OPTIX GENTEC MILESTONE PELCO
2	IP CAMERAS	AXIS VIVOTEK PELCO BOSCH
3	NVR	AXIS VIVOTEK PELCO BOSCH
4	VIDEOWALL	HIKVISION DELTA EQUIVALENT
4	LED DISPLAY	SAMSUNG LG HP EQUIVALENT
5	NETWORK SWITCHES	NETGEAR CISCO DLINK
6	CAT 6 CABLE	POLYCAB MOLEX LAPP
7	RACK	DLINK VALRACK RITTAL TRIPP LITE
E.	WORKSTATION AND PERIPHERALS	

1	CPU	DELL HP LENOVO ASUS
2	SERVERS	DELL HP LENOVO ASUS
3	NETWORK SWITCHES	NETGEAR CISCO DLINK
4	MONITORS	DELL HP SAMSUNG SONY
F.	ACCESS CONTROL SYSTEM	
1	BIOMATRICS WITH CARD READER	HID VIRDI GODREJ SPECTRA SOLUS
2	CONTROLLERS	HID VIRDI GODREJ SPECTRA SOLUS
3	CARDS	HID VIRDI GODREJ SPECTRA SOLUS
4	LOCKS & PUSH BUTTONS	EBELCO ASS ABLOY
5	SOFTWARE	HID VIRDI SOLUS SPECTRA
6	NETWORK SWITCHES	NETGEAR CISCO HP DLINK

7	ACS CABLE	DLINK MOLEX SYSTIMAX LAPP
8	CAT 6 CABLE	POLYCAB MOLEX PANDUIT LAPP
9	CONDUIT	BEC PRECISION PRESSFIT ASTRAL
10	RACK	DLINK VALRACK RITTAL TRIPP LITE
8	PERFORATED CABLE TRAY	PROFAB INDIANA TECHNIMONT
G.	WORKSTATION AND PERIPHERALS	
1	CPU	DELL HP LENOVO
2	SERVERS	DELL HP LENOVO
3	NETWORK SWITCHES	NETGEAR CISCO HP DLINK
4	MONITORS	DELL HP SAMSUNG
H.	VISITOR MANAGEMENT SYSTEM	
1	INDOOR UNIT	GODREJ LEGRAND AKUVOK PANASONIC HIKVISION

2	OUTDOOR UNIT	GODREJ LEGRAND AKUVOK PANASONIC HIKVISION
3	LOBBY STATION	GODREJ LEGRAND AKUVOK PANASONIC HIKVISION
4	GUARD PHONE	GODREJ LEGRAND AKUVOK PANASONIC HIKVISION
5	GAS LEAK DETECTOR	VIGHNAHARTA TRUESAFE
6	BOOM BARRIER	MOTWANE CAME MAGNETIC AVIANS
I.	BUILDING MANAGEMENT SYSTEM	
1	DDC CONTROLLERS	VYKON -EDGE 10 iSMA CONTROL XBLD- PRO 10 SERIES - MESSUNG EQUIVALENT
2	NETWORK CONTROLLER	VYKON -EDGE 10 iSMA CONTROL XBLD- PRO 10 SERIES - MESSUNG EQUIVALENT
2	BMS SOFTWARE	NAGERA FRAMWORK EQUIVALENT
3	PORTABLE OPERATOR TERMINAL	VYKON -EDGE 10 iSMA CONTROL XBLD- PRO 10 SERIES - MESSUNG EQUIVALENT

List of Makes of Materials-Electrical

S.NO.	MATERIAL	MAKE
A.	HT Equipment	
1	HT Breakers	Schneider (HVX/EVOLIS) ABB (Unigear/HPA) Siemens (8DJ20/3AH3) EATON
2	Load Break Switches HI	Schneider ABB Siemens EATON
3	Oil Immersed Transformers	Raychem Energypac Schneider Telawne Indcoil
4	Cast Resin Transformers	United Insulation RPG Rechem Indcoil Schneider THRIHAL
5	HT Cables	Polycab KEI Apar Cables Finolex
6	HT Cable Jointing Kits	Raychem Mahindra
7	HT Metering Kiosk	Huphen
8	Compact Substations	Graycell (By Siemens) Energypac (Siemens) Schneider Telawne ABB
B.	LT Equipment	
1	Air Circuit Breakers	ABB (E Max 2) Siemens (SENTRON 3WL) Series Schneider Masterpact (NW) Legrand L&T Omega (MTX3.5)
2	Load Break Switch/ Switch Fuse Units	Schneider FUPACT Siemens (3KL/3KT/3KA) Havells(KOMPACT) Socomec
3	Distribution Boards	Legrand

		ABB Schneider (ACTI9) Siemens L&T Hager
4	MCCB/ MPCB	Schneider Compact NSX ABB (XT) Siemens (SENTRON 3VL) Legrand L&T
5	MCB/ RCBO/ RCCB	Legrand ABB Schneider ACTI9 Siemens L&T
6	Modular Switches, Sockets & Accessories	Precesion Legrand Schneider Polycab Honeywell L&T (Entice)
7	Contactors	Schneider (TESYS) ABB Siemens Legrand
8	Capacitors	Epcos Subodhan Schneider (Varplus) Harmonizer
9	Solenoid Operated Auto Transfer Switches	Asco Series Socomec Solenoid Operated Only VITZRO Tech
10	ACCL Three Phase	L&T Havells Prok DV
11	ACCL Single Phase	Prok DV L&T Havells
12	Sandwiched Bus-ducts	Legrand (Zucchini) EAE Schneider Siemens ABB
13	LT Cables	Polycab Finolex Kenter KEI

		Apar Cables Havells
14	LT Glands & Lugs	Dowells/Polycab Comet Lotus Polycab Braco
15	LT Wires	KEI Polycab Finolex Kenter Apar Cables Havells RR Kabel
17	PVC Conduits & Accessories	Precision Diamond Polycab
18	Lighting Fixtures	Wipro Bajaj Philips Polycab Lighting Technologies Jaquar Crompton greaves
19	Conventional Lightning Arrestors	Cape OBO Vahas Fidael Power Solutions
20	Surge Arrestors	Dehn (Germany) Zotup Schneider CAPE
21	Maintenance Free Earthing Electrodes	JEF Dehn Cape U Protect
22	GI Cable Trays / Raceways	Profab Legrand Indiana Devta Prakash Fabcon West coast Engineering Elcon Globe Asian Ancillary Corporation
23	Wiremesh Cable Trays	Legrand Profab

24	PVC Raceways	Legrand Indian Cables Pressfit
25	Arc flash sensing Relay system	Schneider (Easergy) ABB (REA) Harmonizer
26	ELV Cables	Caliplast Polycab Kenter Finolex KEI
27	Active Harmonics filters	P2 Power Schneider Subodhan Schafner Siemens
C.	HT/ LT Accessories	
1	Protection Relays	Schneider/ Areva(VIP/MICOM) Alsthom Siemens ABB
2	Indicating Meters	Secure L&T HPL Schneider ABB
3	Push Buttons/ Selector Switches	Siemens ABB KEC Schneider XB5
4	Indicating Lamps	Technic Siemens ABB KEC Schneider XB7 L&T Vaishno
5	HT Current Transformers/ Potential Transformers	Jyoti AE Raychem Kappa Schneider
6	LT Current Transformers	Rishab AE Raychem Kappa Precise

7	Safety Accessories	Dehn OBO CAPE
8	Connectors	Elmex Connectwell Tosha
9	APFC Relay	Epcos Siemens Subodhan Schneider Harmonizer
10	UPS	Socomec Emerson Schneider Eaton APC Vertive Legrand Delta
11	APFC Panels	Schneider Subodhan Schafner Siemens
D.	LV Equipment	
1	Telephone Cables	Polycab Finolex RPG Universal Kenter
2	Cat 6 cable	Kenter Finolex Molex Lapp Dlink
3	Tag block with boxes	Krone ITL
E.	DG Equipment	
1	Engine	Cummins Baudouin DG Perkins Kirloskar Cater Piller
2	Alternator	Stamford LeroySomer/Stamford LeroySomer

		Kirloskar Stamford
3	Synchronising Controller	Wood Word (DSE) DEEPSEA/DEIF Comap
4	DG OEM	Powarica DG Proton Power Sterling DG Kirloskar Upto 750 kVA GMMCO
F	Solar PV Panel	
1	PV Panel	Vikram Solar Waree Havells GMMCO
2	Inveter	ABB Havells Solar Edge SMA
3	Solar PV OEM	GMMCO RG Clean Energy Company Sterling & Wilson Havells
Approved Panel Makers as per IEC 61439		
	Switchger Manufacturer	OEM DESIGN Panel Makers
	Schneider (Prisma/Blockset)	Pratik Systems Vidyut Control Marine Electricals M/s PowerCon Switchgears Rabale Power Control Equipments Bangalore
	Siemens (Sipan)	Cotmec Electricals Zenith Electricals Kuksons SNC Marine Electricals Symatic
	LK (TI)	Genius Engineering Pune Cotmec Electricals Accusonic Zenith Electricals Dhumas Electricals
	ABB	Asian Power Plasma Engineering Smash Controls Vivid Electromech Mumbai
	Legrand	Vidyut Control Adlec Delhi
	EATON	Genius Engineering Pune
	RITTAL Enclosure	Plasma Engineering Accurate DB Electricals

		Devta Electricals ABAK HTS
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LIST OF APPROVED MAKES FOR LIGHTING WORK

1	Active LED Wall	Absen	Christie	Planar
2	LED Wall Processor	Novastar	Colorlight	RGB Spectrum
3	Digital Signage Player	BrightSign	Scala	Streme
4	Display	LG	Samsung	Sony
5	Display Mounts & Trolley	B-Tech AV	Legrand	Vogel's
6	Interactive Display	Samsung	LG	Sony
7	Digital Podium	EIS	Univeso	Peoplelink
8	Wireless Collaboration System	Crestron	Barco	Extron
9	USB Extender over LAN	Crestron	Extron	Icron
10	Recording & Streaming Processor	Lumens	Extron	RGB
11	Camera & Joystick	Lumens	PTZOptics	Sony
12	HDMI Extender	Crestron	Extron	Lightware
13	Multi-Viewer for Camera	Crestron	Extron	Lightware
14	Teleprompter	Datavideo	Proaim	Sony
15	Wireless Handheld Mic	Shure	Sennheiser	Televic
16	Wireless Lavalier Mic	Shure	Sennheiser	Televic
17	Wireless Earset headworn Mic	Shure	Sennheiser	Televic
18	Microphone AP Transceiver	Shure	Sennheiser	Televic
19	Microphone AP Transceiver	Shure	Sennheiser	Televic
20	Networked Charging Station	Shure	Sennheiser	Televic
21	Networked Charging Station	Shure	Sennheiser	Televic
22	Music Streaming Device	Russound	Bluesound	Sonos
23	Audio DSP with Dante License	Xilica	QSC	Biamp
24	Digital Mixer & Stagebox	Allen & Heath	Yamaha	Soundcraft
25	Amplifier	Audac	Bose	AtlasIED
26	Speakers	Audac	Bose	AtlasIED
27	AVoIP Endpoints	Crestron	Extron	Lightware
28	Network Switch & Access Point	Netgear	Cisco	Ruckus
29	AV Control System	Crestron	Extron	Lightware
30	Lighting System	Crestron	Lutron	Extron
31	Wireless Touch Control	Apple		
32	AV Rack	Netrack	Valrack	Legrand
33	Bulk Cables & Connectors	Belden	Kordz	Liberty