

Preferable Makes for HVAC Installation Works (as applicable).

S. No.	Items	Makes
1	MS Conduit (ISI marked) with heavy duty accessories	BEC/ AKG / RM CON / Steel Krafts
2	PVC/ XLPE insulated aluminium/Copper conductor armoured unarmoured MV Cables up to 1100 V (ISI Marked)	Havells / Finolex / KEI / Grandlay/Polycab/Gloster
3	FRLS PVC insulated copper conductor stranded flexible wires i/c control cables (ISI Marked)	Havells / Finolex / KEI / Grandlay/ Polycab/Gloster
4	Cable Raceway Floor / wall mounted and accessories	Legrand / MK (Honeywell) / OBO/Excel
5	Cable Tray & Accessories	Venus/ MEM /BEC/ RM CON/ Indeana/Excel
6	Modular Switch, Socket & Accessories	Legrand (Myrius) / M.K.(Element) / Schneider (Zencelo)/Legrand (Arteor)
7	Metal clad Industrial Socket outlet and Sheet Steel Enclosure for MCCB/MCB	Legrand / Siemens / Schneider/Hager
8	Cable Glands	Dowells/ Commet / Gripwell/ Ray- chem
9	Lugs and end termination	Dowells/Commet/Braco
10	Change over switch	L&T / Socomac / ABB / Schneider
11	Distribution boards	Siemens (Betagard), / Hager/Schneider (Acti9) / Legrand (Ekinox33)/ L&T(Exora)/ABB(Elegence)
12	Protection Device (MCB/RCCB/RCBO/ELCB)	Siemens (5SL), / Hager/ Schneider (Acti9) / Legrand (DX 3)/ ABB(S200M)/L&T
13	Current transformer/ Potential transformer	AEL/ Gilbert & Maxwell/ Pragati/ Precise/L&T/ Kappa
14	Indicating Lamps LED type, Push Button	Siemens/ L&T / Schneider / Le- grand
15	Electronic Digital Meters	Schenider (Conzerv)/L&T/Secure/Siemens/ ABB/Legrand
16	MCCBs	Siemens (3VL) / L&T (D sine)/ Schneider (CVS) / Legrand (DPX 3)/ ABB (T max)

17	Power contactor	L&T (MNX) / Schneider (TesyS) / Legrand (CTX3)/ABB(Ax)
18	Surge Protection Devices	Siemens/L&T / Schneider / Legrand/ OBO
19	Selector Switch	Salzer/Seimens/BCH/Kaycee/L&T
20	Auxiliary Relays	Siemens/ L&T / Schneider / Legrand / ABB
21	LED Lighting fixture	Philips/ Wipro/ Havells/ Crompton
22	Emergency Lighting / Exit Sign boards	Bajaj/ Prolite/ Glo-Line
23	Ceiling Fan, Fresh Air Fan, Exhaust fan	Havells/ Crompton/ Usha/ Orient/Atomberg
24	Paint	Nerolac / Asian / Berger/ICI
25	Lightning Protection System	OBO/ Cape Electric/ Infinite/APS/Jeff Techno/Axis
26	G.I. Pipe	Tata, Jindal-Hissar, Prakash Surya
27	Rubber Mat (ISI Marked)	Jyoti / Deep Jyoti/ Premier
28	Fire Extinguisher	Minimax/ Life Guard/ Cease Fire /Newage
29	ACB (Air Circuit Breaker)	Siemens (3WL-ETU 45B) / Schneider (Master Pact NW -6.0P) / L&T (U power omega -MTX 3.5 EC) / Legrand (DMX 3 MP4)
30	CU/GI strip & GI wire for earthing	Jeff Techno/Axis/OBO
31	MS Conduit (ISI marked)	BEC/AKG/NIC/Steel craft/ M-Key, SK (E.R.W)
32	PVC Conduit and accessories	Polycab/AKG/Asian
33	1.1 KV aluminium armoured XLPE insulated and PVC sheathed Cable (LT cable)	Havells/KEI /Finolex/ Grandlay/Gloster
34	Modular Switch & Socket	Legrand (Myrus)/M.K. (Element)/Schneider (Zencelo India)/Havells/ ABB
35	Metal clad Industrial Socket	Legrand/Siemens/Schneider/C&S/ABB
36	Cat-6 Cable	Beldon/Siemon/Legrand/Penduit (Pannet)
37	Crimp Patch Cord	Beldon/Siemon/Legrand/Penuit(Pannet)
38	Panel Accessories	Siemens /L&T/Schneider / Legrand/Tecnic / ABB/ C&S/Neptune
39	LED/Metal Halide/Fluorescent Internal Lighting Fixture	Philips/ Wipro/Havells/Crompton

40	External Lighting Fixture	Philips/ Wipro/Havells/Crompton
41	Ceiling Fan (ISI marked & BEE rated 5 star)	Havells/Almonard/Orient/Usha/Bajaj
42	Advance Lighting Protection System (Early Streamer Emission Type)	LPI (Australia)-by allied power/SGI (Duval Messien/satellite (France)- by SGI/Bradlay (USA)- by JMV/Erico (USA)-by security shoppe/ABB
43	Main LT Panels/ MCC Panel	(Main LT panel / MCC Panel board should be IEC 61439 part-1 and II manufacturer has to produces the relevant test certificate as per IEC code for the same failing which panel shall be rejected). L & T /Siemens/ Schneider/ ABB/Legrand
44	Air Circuit Breaker	Siemens / Schneider /L&T /Le-grand/ C&S/ABB
45	Surge Voltage Protection	Siemens /Schneider/L&T/Legrand/ABB
46	Earth fault module	Siemens/Schneider/L&T/Legrand
47	Protection relays	Siemens/Areva/L&T/Legrand
48	CTs and PTs	Kappa/AE/Matrix
49	Digital Meters	Siemens (PAC)/ Schneider/ (conzerv) / Secure Enersol / L&T/ Neptune
50	Indicating lamps	ESBEE/Schneider/Siemens/Vaishno/ Neptune
51	Power capacitors	Epcos/ Neptune / Legrand /ABB/L&T
52	Automatic Power factor correction relay/controller	Epcos/Siemens (PAC) /Schneider (Conzerv) /L&T/Neptune
53	Sealed Maintenance Free Batteries	Exide/Panasonic/Hitachi/Shinkobe
54	Battery charger	Caldyne/Chhabi Electricals /Statcon/Max Power
55	Cable Trays (Factory Fabricated/Overhead & Floor Raceways	Legrand/MEM/OBO/ Milestone/ Neptune
56	HDPE underground cable duct	Rex Poly extrusion/ Tirpura/Plasomatics/Duraline
57	Insulation Mats	DL Miller & Co. Ltd./Premier Polyfilm Ltd./RMG Polyvinyl India Ltd/Jyoti
58	Smoke/Heat detectors	Apollo/ System Sensor/ Agni
59	Manual Call point	PRD/System-Tek/ Simplex/ System Sensor/Agni
60	Response indicators	PRD/System-Tek/ Simplex/ System Sensor/Agni
61	Fire Exit Signs	System-Tek/ Simplex/ Agni

62	Fire Control Panel	System-Tek/ Morley /Agni
63	Speaker / Hooter	System-Tek/ Philips /Agni
64	Occupancy Sensors/ Movement Sensor	Legrand/ Philips/ Wipro
65	Flush type switch /socket	Anchor/ Kinjal/ SSK/ Havells Reo
66	Fuse switches unit / switch fuse unit /HRC fuse	L&T / Siemens/ Havells/ C&S
67	Exhaust fan	Almonard/ Alstom/ Crompton/ Havells
68	XLPE insulated HT cables	KEI/Havells/Grandlay/Gloster
69	Cable lug	Ascon (Heavy gauge) Jainson Dowells
70	Telephone wires/Telephone Cable / jelly filled telephone cables	Finolex /Delton/Havell's
71	Telephone tag blocks	Krone/ Pouyet
72	Telephone outlet	MK Electric /Legrand (Mosaic)/Crabtree (Piccadilly)
73	GI raceways	Milestone Engineering /Legrand/MDS/Neptune Systems Pvt. Ltd./MK
74	PVC raceways	Legrand/ MK
75	Electronic ballast	Philips/Wipro/Bajaj/Decon/Crompton/ Havells
76	DLP plastic trunking	Legrand/MK
77	Geysers	Recold /Venus /Usha Lexus /Sphere hot
78	Tower Light	Ligman/Simes/Bega
79	HT/LT transformers	ABB/Schneider /CGL (Crompton Greaves Ltd.)
80	HT SF-6 circuit breakers/VCB	Siemens /ABB/CGL/Schneider
81	Programmable Logic Controller(PLC)	Siemens/Allen-Bradley/Schneider
82	Earthing (Chemical Earthing) Plate Earthing	JMV/As per CPWD Norms
83	Octagonal Pole	Bajaj / Crompton / Phillips/Utkarsh
84	11 kV HT panel Incoming relay	CGL/Schneider/ABB/ Siemens
85	Control Relay Panel	CGL/Schneider/ABB

86	Lightning Arrestor	ABB/Alltec/JMV
87	Temp. Gauge	Guru
88	Gate Valve	Leader/Sant
89	Electrical Backup	Spare hot/ Racold
90	PVC Tank	Syntex/ Polycon
91	Thermostat	ISI Marked
92	Flat Collector Plate	Solocrome/ Tata BP/ Racold
93	S.S Sheet	Jindal / National
94	Bus Trunking	C&S / L&T/ Schneider as per stand- ard practice of OEM manufacturer / channel partner
95	Bus Duct	Neptune/ Milestone/Tricolite
96	Lamp Holder (Brass)	Kay/SSk/Kinjal
97	Air handling unit/ Treated Fresh Air Unit	System Air/Flaktwood/ Zeco/Edgetech
98	Exhaust Air Unit	System Air/Flaktwood/ Zeco/Edgetech/Zair
99	Blower	Nicotra/Comferi/ Kruger
100	Cooling coil	Zeco/Edgetech/ AHRI Certified
101	Hepa Filter	Thermadyne /Anfilco/ Dyna Air Filtration
102	Fan Coil Units	Cruise/Zeco/Edgetech/Kubic Midea/Trane
103	Duct (factory fabricated)	Rola Star / Techno Fabri-duct/Zeco/Ductofab
104	Water strainers (Y- strainer/pot strainer)	Emerald/Sant/Advance/Zoloto
105	Proportional thermostat	Siemens /Honeywell/Johnson
106	3 Way Motorized/ Mixing / Diverting valves	Siemens /Honey-well/Johnson/Advance / Rapid Control/Danfoss
107	Pressure gauges for water line/Refrigerant	Emerald / Fiebeg/ H. Guru
108	Thermometers	Emerald/ Japsin
109	V-Belts	Fenner India/ Dunlop
110	Fibre glass wool	UP Twiga /Owens Corning

111	Nitrile Rubber insulation (Open/close cell) with specification as per BOQ.	Armacell/ K-flex/ A-flex/ Supreme/Aerolam
112	Fire retardant flexible duct connection	Air flow / Twiga/ATCO/GP spira/caryaire
113	Gasket for ducts	Prima Kool / Nuprine
114	Anchor Fasteners	Hilti / Fischer
115	Extruded Aluminum grilles & diffusers Fresh air louvers/Dampers	Caryaire/ Ravi Star/ Air Flow/Air master/Titus/System air
116	Fire damper	Ravi Star/Air Flow/ Mapro/System air/Ruskin Titus/Greenheck
117	Duct attenuator	AirFlow/Ravi Star/ Continental/Mahajan
118	Vibration isolators	Resistolex /Gerb / Base/ Dunlop
119	Motors	Siemens/Crompton/ABB/Bharat Bijlee
120	Fuse switch unit/switch fuse unit/HRC fuse	Larsen Toubro / Siemens / Schneider (MG)/Havells
121	Humidistat	Honeywell/Danfoss/Penn
122	Condenser/ Chiller	Trane/Carrier/York/Daikin
123	Polyurethane Foam (PUF)	Malanpur/ Lloyd /Best Opuf
124	Thermocole	Pioneer/Styrin
125	Chemical Reagent	Antiscalant/ Descalant / Antifungal Hibird / amacid/ Maic
126	VFD with sensors	ABB/DANFOSS/ Siemens
127	Cooling Tower	Paharpur/Mihir/ Flow air-tech Pvt.Ltd
128	Cooling Tower PVC Fills	Paharpur/Mihir
129	Window/Split Air conditioner/ Hi-wall split AC	Voltas/ Carrier/Panasonic/Blue star/ Toshiba/Daikin
130	Dosing pump	M/s Ion Exchange (I) Ltd/ Milton Royal
131	Tower AC units	Voltas/ Carrier/Panasonic/Blue star/ Toshiba/Daikin

132	Inverter VRF system	Voltas/ Carrier/Panasonic/Blue star/ Toshiba/Daikin/ Mitsubishi Electric
133	Hi wall type chilled water FCU	Cruise/Zeco/Edgetech/Kubic Midea/Trane
134	Wet scrubber	Zeco/Edgetech/ZAIR
135	Air washer (Evaporative cooling unit)	Carryaire/Zeco/Zair/Edgetech/Airflow
136	Pre-Insulated Pipe	Zeco/Sevenstar-aircon/AGS Engineering/Permapipe
137	VAV Boxes	Ruskin Titus/Honeywell/Trox/Trane/Johnson Controls/Tristar
138	Self-Cooled PAC server Rack	Schneider/Emersion/ Stulz
139	Victaulic coupling	Sevcon/Victaulic/Smith Copper
140	Dehumidifier	Bry-Air/Munters/Bri
141	PICV valve	Advance/Siemens/Denfoss/Honeywell
142	Axial Fans	Krugar/Nicotra/Comefri/Green Deck/Airflow
143	Spiral Flat Oval Duct (with GSS sheets of preferred make)	Dustech/GP spira/Spiral Tubes/Western air ducts/ Ductofab/Seven star
144	Silicone flexible duct connector	Easyflex/Airflow//Resistoflex/Dustech
145	Motorized butterfly valve/ Modulating Valve/Solenoid valve	Advance/Danfoss/Belimo/Johnson Control/Zoloto/Tyco/Victaulic/Honeywell
146	Expansion Bellow	Easyflex/Resistoflex/Cori
147	Fire rated vane Axial/Fire rated tube Axial/Vane Axial/Tube Axial Fan	Nicotra/Comferi/Kruger/Greenheck/Airflow/system air/Zair
148	Inline Fan	Nicotra/ Kruger/Greenheck/Airflow/system air
149	Propeller fan	Nicotra/ Kruger/Caryaire/Crompton/GE
150	Butterfly valve	Audco / Advance / Deepak/ C&R/Honeywell/ Audco / Advance / Kirloskar
151	Check Valve (Non return valve)	Audco/SKS/Advance/ Zoloto/ Honeywell
152	Balancing valve	Advance /Audco/ Honey- well/Danfoss
153	Centrifugal pump / Monobloc Pump	Grundfoss/Armstrong/Willo/Xylem
154	Water Softening Plant	Ion Exchange Ltd. / Milton Royal

155	Pressure switch	Indfoss / Honewell Indfoss / Honey- well
156	Bronze ball valve	Emerald/ Zolto / Leader/ Sant
157	Bronze ball valve with Y strainer	Emerald / Rapid control/ BAP
158	Suction guide	Anergy instrument Pvt.Ltd./Johnson
159	Water cooled screw chilling unit	Trane/Carrier/York/Daikin
160	Chemical reagent	Eco friendly bio clean pond clarifier/Volga
161	Sand filter	M/s Ion Exchange (I) Ltd / Pentair
162	Compressor	Emerson/Tecumsseh/Bohn/Danfoss
163	Cold room/Deep freezer	Danfoss/Blue Star/Bohn
164	Air-cooled ductable split/ceiling mounted Cassette type air-conditioning unit	Voltas/Hitachi / Carrier/Panasonic/Blue star/ Toshiba/Daikin
165	PVC water tank	Syntex/ Polycon
166	Water Cooler	Blue Star/Usha/Sidwal/Voltas
167	Control cables	CCI/ Fort Gloster/ Universal/ Incab/ Havells/KEI
168	High static pressure VRF/VRV ceiling mounted ductable type Indoor Unit with specification as per BOQ.	Voltas/ carrier/Panasonic/Blue star/Daikin/Mitsubishi Electric
169	Copper refrigerant piping with specification as per BOQ	Mandev/Rajco/ Maxflow
170	uPVC plumbing drain pipe with specification as per BOQ.	Supreme /Finolex
171	Fabricated GSS/GI Sheet with specification as per BOQ.	Jindal/Tata/SAI/Bhushan
172	80Amp, 4P, 300 Ma Weather proof RCB with specification as per BOQ.	L&T, Schneider, ABB
173	XLPE Class-O tubular insulation with specification as per BOQ.	Supreme / K-Flex/ A-Flex/Aerolam
174	PAC Unit with specification as per BOQ	Schneider (Uniflair)/StulzChspl (In- dia) Pvt.Ltd /Emerson Climate Technologies/ Bluebox

175	Electrical Panel with specification as per BOQ.	Siemens /L&T/Schneider / Le grand/Tecnic / ABB/ C&S/Neptune Milestone switchgear/Tricolite/ Excel/Modern switch gear/Adlec
176	Portable type dehumidifier with Specification as per BOQ.	White Westinghouse/Power Pye Electronics/Bryair/Munter
177	GI volume control duct damper with specification as per BOQ.	Airmaste Equipment Emirates/Omega/Airflow
178	Soft duct (Fabric Duct)	Duct Sox/Prihoda
179	Smoke cum fire damper (Bare Damper)	Dynacraft/Mapro/Servex/Ruskin
180	Smoke cum fire damper (Actuator)	Belimo/Joventa/Honeywell/Siemens

Any other item not covered in the above list shall be ISI marked and as approved by Engineer In Charge.