

# ELECTRICAL MAKE LIST

SR.NO.		MAKE LIST
1	H.T. MC /RMU PANEL	L&T / SIEMENS / ABB / SCHNEIDER ELECTRIC. /CROMPTON
2	H.T. VCB	L&T / SIEMENS / ABB / SCHNEIDER ELECTRIC. HT PANEL SHALL BE OEM OR OEM PARTNER.
3	PROTECTION RELAY FOR H.T PANEL	ABB / L&T / SIEMENS / SCHNEIDER / CSPC / ALSTOM
4	H.T. XLPE CABLE	FINOLEX / RR KABLE / AVOCAB / HAVELLS/ POLYCAB
5	H.T. JOINT (HEAT SHRINKABLE)	RAYCHEM / 3-M
6	CSS	SCHNEIDER / ABB / SEIMENS - C&S / VOLTAMP
7	DRY TYPE TRANSFORMER	SCHNEIDER/ VOLTAMP / UNIMAG/ ABB / UNITRANS
8	SWITCHGEAR	SCHNEIDER / L & T / LEGRAND / ABB / SIEMENS
9	MEDIUM VOLTAGE CABLE / CONTROL / FLEXIBLE CABLE / WIRES FOR INTERNAL WIRING	RR KABLE / HAVELLS / POLYCAB / AVOCAB / FINOLEX/ KEI
10	DG SET	CUMMINS / SUPERNOVA / PERKINS /KISLOSHKAR
11	DG SET AMF PANEL	AS PER THE DG SET SUPPLIER. (SWITCHGEAR AS PER MAKE LIST.)
12	LT PANELS AS PER IEC 61439 (TTA) PANELS	LEGRAND / SCHNEIDER / ABB / L&T / SEIMENS/OEM CERTIFIED IEC- 61439 REQUIRED.
13	LT PANELS AS PER CPRI	FABRICATED PANELS WITH STANDARD APPROVED SWITCH GEARS & ACCESSORIES CPRI / ERDA APPROVED PANEL SUPPLIERS, 65 KA SHORT CIRCUIT WITHSTAND STRENGTH. OEM APPROVED.
14	APFC PANEL	SCHNEIDER -VARSET / DATAR /L & T / EPCOS
15	CAPACITOR	SCHNEIDER / DATAR / EPCOS/CONZERV
16	DISTRIBUTION BOARDS	LEGRAND / SCHNEIDER / SIEMENS / HONEYWELL / L&T / HAGER /MK / ORIENT
17	LT ACB	SIEMENS / SCHNEIDER / ABB / LEGRAND / L&T
18	LT MCCB WITH EARTH FAULT	SIEMENS / SCHNEIDER / ABB / LEGRAND / L&T
19	LT MCB, ELCB,ISOLATOR	LEGRAND / SCHNIEDER / SIEMENS / HONEYWELL/ L&T / HAGER/ C&S
20	LT SFU	LEGRAND / SCHNIEDER / SIEMENS / HONEYWELL/ L&T / HAGER/ C&S
21	LT CONTACTORS	LEGRAND / SCHNIEDER / SIEMENS / HONEYWELL/ L&T / HAGER/ C&S
22	CURRENT TRANFORMER & POTENTIAL TRANSFORMER	AE / ASHMOR / SEI / SARTHI/ L&T
23	METERS (DIGITAL)	CONZERVE / SCHNEIDER / SECURE / L & T / LEGRAND/ABB
24	LOAD MANAGER/MFM	CONZERVE / SCHNEIDER / SECURE / L & T / LEGRAND/ ABB
25	PROTECTION RELAYS- EARTH FAULT	SIEMENS / L & T / SCHNEIDER / ABB / ALSTOM / C&S
26	INDICATING LAMP	SIEMENS / SCHNEIDER ELECTRIC / L & T - ESBE / TEKNIC -KEYCEE/ ABB
27	ELECTRIC TIMER	SIEMENS / L&T / LEGRAND / CONSERVE / RUSHABH ENTERPRISE /ABB
28	ROTARY SWITCH	SIEMENS / SCHNEIDER ELECTRIC / TEKNIC - KEYCEE / SALZER / L & T
29	PUSH BUTTON AND PUSH BUTTON SET	SCHNEIDER ELECTRIC / L & T / BINAY / RAAS CONTROL
30	SELECTOR SWITCH	TEKNIC - KEYCEE / SALZER / L&T
31	ANNUNCIATOR	PROTON / EAPL / TEKNIKA
32	LUGS / BIMETALLIC LUGS	DOWELL'S / HMI / COMET/ HEX
33	CABLE GLAND	JAINSON / COMET / POLYCAB/ HEX
34	CONNECTORS ( COLOURS AS PER PHASE & NEUTRAL )	SALZER / ELEMEX / L&T
35	ATS	ASCO / SOCOMEC / L&T
36	CABLE TRAY ( ALL TYPE )	LEGRAND-CABLOFOIL / OBO BETTERMAN / PROFAB
37	SPD	NISHARP - CAPE / OBO / LEGRAND/ SCHNEIDER
38	DWC PIPE	REX / NOBLE /ASTRAL
39	L.T. CABLE JOINTING KIT	RAYCHEM / 3-M
40	PVC CONDUITS AND ACCESSORIES	PRECISION / NIHIR / POLYCAB / ASTRAL / BBC/BEC/VRAJ
41	CASING CAPING	PRECISION / NIHIR / VRAJ / ASTRAL/ BEC
42	FLOOR TRUNKING & FLOOR JUNCTION BOX	MK-HONEYWELL/ LEGRAND / OBO
43	MODULAR SWITCHES, SOCKETS & OTHER ACCESSORIES	MK-HONEYWELL / LEGRAND / SCHNEIDER/ GREATWHITE / PANASONIC/ HAVELLS / ORIENT/ L&T
44	METAL CLAD SOCKET WITH MCB	LEGRAND / HONEYWELL/ SCHNEIDER / HENSEL
45	PVC TAPE	STEEL GRIP/ANCHOR
46	PVC JUNCTION BOX	PRECISION / NIHIR / POLYCAB / ASTRAL / BBC
47	COAXIAL TV CABLE	DELTON / HAVELLS / RR / FINOLEX / POLYCAB
48	INTERNAL LIGHT FIXTURE	JAQUAR / LIGHTING TECHNOLOGIES / PHILIPS / HAVELLS/ PANASONIC/WIPRO /SURYA
49	HIGH SPEED FAN & EXHAUST FAN	BAJAJ/ HAVELLS/ CROMPTON/USHA / ORIENT
50	EXTERNAL LIGHT FIXTURE	JAQUAR / LIGHTING TECHNOLOGIES / PHILIPS / HAVELLS/ PANASONIC/WIPRO /SURYA
51	POLE	K - LITE / AMBICA / FABRICATED / OR AS PER INTERIOR/ARCHITECT SELECTION
52	METAL CONDUIT	BEC / AKG / BHARAT/STEEL CRAFT
53	UPS SYSTEM	NUMERIC / APC /VERTIV /EATON
54	EARTHING SYSTEM	CAPE - NISHARP / OBO BETTERMANN / ABB
55	LIGHTNING PROTECTION	CAPE - NISHARP / OBO BETTERMANN / ABB
56	IP JUNCTION BOX	HENSEL / LEGRAND / OBO / RIITAL
57	WATER COOLER	VOLTAS/ USHA/ BLUE STAR
58	MOTOR PUMP SET	CROMPTON/ KIRLOSKAR/ LUBI
59	CALL BELL	ANCHOR/ ORPAT/ VISION
60	BUSDUCT	SCHNEIDER/ LEGRAND/ C&S/ L&T

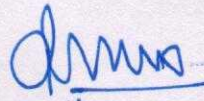
## Special Note:-

- The MCB And MCB DB'S Must Be Of Same Make.
- If "Equivalent Make" is proposed for the items then Contractor is required to submit Detailed specifications / certificates for the proposed make for BOQ item, which shall be considered/approved by the Chief Engineer after evaluating that make shall comply provision of relevant IEC codes and standrad guide lines and also performance in consultation under Engineer Incharge . Necessary documents in support of the same shall be submitted before procurement to Engineer in Charge
- Makes/ Models of items of all fixtures/ Items/ Materials must be got approved from the Engineer in charge well before placing any order to the OEM. The contractor/ agency is required to submit all relevant test certificates documents and along with the proposal. The decision of Engineer-in-charge is binding in this regard and no variation is acceptable.
- All The Material Should Be IEC Compliant As Per Standard Mentioned In Tender Make List.
- The Make Approved Shall Be Guaranteed To Have Support From Oem For Minimum 10 Years With Required Spares.
- The Material With Higher Delivery Lead Time Shall Be Immediately Informed To Client / Consultant Before Order Execution.
- Procurement of item with aesthetic value and visibility shall be on prior approval of Architect and Engineer in charge for specific area of application.

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ELV & AV Make List		
SR.NO.	ITEM DESCRIPTION	MAKE LIST
1	COMPONENTS FOR STRUCTURE CABLING SYSTEM	COMMScope - TYCO/ MOLEX/ D-LINK/ R & M/ LEGRAND
2	NETWORK RACKS	NETRACK/ ELIXIR/ APW/ RITTAL/ VALRACK
3	NETWORK SWITCHES	HP ENTERPRISE / CISCO ENTERPRISE / EXTREME NETWORKS
4	10G SFP MODULE	HP ENTERPRISE / CISCO ENTERPRISE / EXTREME NETWORKS
5	WIRELESS CONTROLLER	HP ENTERPRISE / CISCO ENTERPRISE / EXTREME NETWORKS
6	ACCESS POINTS	HP ENTERPRISE / CISCO ENTERPRISE / EXTREME NETWORKS
7	UNIFIED THREAT MANAGEMENT SYSTEM	CHECKPOINT / CISCO / FORTINATE / SOPHOS
8	EPABX SYSTEM	CISCO/ MATRIX/ UNIFY/ AVAYA
9	DIGITAL PHONE	CISCO/ MATRIX/ UNIFY/ AVAYA
10	CLI PHONE	BEETEL/ PANASONIC/ UNIFY/ MATRIX
11	IP PHONE	CISCO/ MATRIX/ UNIFY/ AVAYA
12	FIRE ALARM PANEL	NOTIFIER / SIEMENS / SIMPLEX / ESSER
13	REPEATER PANEL	NOTIFIER / SIEMENS / SIMPLEX / ESSER
14	SMOKE/ MULTI CRITERIA/ THERMAL/ MONITOR MODULE/ CONTROL MODULE/ ISOLATOR MODULE/ SOUNDER/	NOTIFIER / SIEMENS / SIMPLEX / ESSER
15	2C 1.5SQMM FRLS ARMoured CABLE	CALIPLAST/ FINOLEX/ POLYCAB
16	NETWORK CABLE & ASSEMBLIES	BOSCH / HONEYWELL / BI-AMP
17	POWER AMPLIFIER	BOSCH / HONEYWELL / BI-AMP
18	MULTI CHANNEL INTERFACE	BOSCH / HONEYWELL / BI-AMP
19	DIGITAL CALL STATION	BOSCH / HONEYWELL / BI-AMP
20	NETWORK CABLE & ASSEMBLIES	BOSCH / HONEYWELL / BI-AMP
21	CEILING SPEAKER	BOSCH / HONEYWELL / BI-AMP
22	CABINET SPEAKER	BOSCH / HONEYWELL / BI-AMP
23	SOFTWARE FOR PA SYSTEM	BOSCH / HONEYWELL / BI-AMP
24	2C 1.5SQMM FLEXIBLE CABLE	CALIPLAST/ FINOLEX/ POLYCAB
25	FINGER & CARD BASED CONTROLLER	MATRIX / HONEYWELL / ROSSLARE / SUPREMA
26	CARD BASED READER	MATRIX / HONEYWELL / ROSSLARE / SUPREMA
27	ACCESS CONTROL & TIME ATTENDANCE SYSTEM	MATRIX / HONEYWELL / ROSSLARE / SUPREMA
28	DOME/ BULLET CAMERA (FIXED & VARIFOCAI)	BOSCH / INFINOVA / AXIS / HANWHA/ MATRIX / PELCO
29	PTZ CAMERA	BOSCH / INFINOVA / AXIS / HANWHA/ MATRIX / PELCO
30	VIDEO MANAGEMENT SOFTWARE	MILESTONE / GENETEC / MIRASYS/ MATRIX / PELCO
31	VIDEO MANAGEMENT SERVERS	HP/ DELL/ CISCO
32	RECORDING SERVER	HP/ DELL/ CISCO
33	CENTRALIZED STORAGE	DELL / HP / Q-NAP / NET-APP/ INFORTREND
34	VIDEO CONFERENCE SYSTEM	CISCO/ POLYCOM/ AVAYA
35	INTERACTIVE DISPLAY	SAMSUNG/ NEWLINE/ CHRISTIE / PRYSM
36	BUILDING MANAGEMENT SYSTEM - CONTROLLER	JOHNSON CONTROL-METASYS/ SIEMENS/ ALC / BECKHOFF
37	BUILDING MANAGEMENT SYSTEM - SENSORS	SIEMENS / DWYER / GREYSTONE / OMICRON / FILPRO
38	MULTI VIEWER	CRESTRON / KRAMER / LIGHTWARE / CISCO
39	MATRIX SWITCHER	CRESTRON / KRAMER / LIGHTWARE / CISCO
40	ENCODING/ DECODING DEVICES	CRESTRON / KRAMER / LIGHTWARE / CISCO
41	ROOM CONTROLLER	CRESTRON / KRAMER / LIGHTWARE / CISCO
42	POE TOUCH PANEL	CRESTRON / KRAMER / LIGHTWARE / CISCO
43	HD STREAMING TRANSMITTER/ RECEIVER	CRESTRON / LUMENS / DATAVIDEO / LIGHTWARE / CISCO
44	HDMI CABLES	CRESTRON / KRAMER / LIGHTWARE / CISCO
45	PASSIVE HDMI WALL PLATE	CRESTRON / KRAMER / LIGHTWARE / CISCO
46	AUDIO CABLE	CRESTRON / KRAMER / LIGHTWARE / CISCO
47	SPEAKER CABLE	CRESTRON / KRAMER / LIGHTWARE / CISCO
48	NETWORK MANAGEMENT SOFTWARE	CRESTRON / KRAMER / LIGHTWARE / CISCO
49	HEAD CAMERA SOLUTION	DESIGN FOR VISION / SUN OPTICS / INTEGRA / BFW / LUXTEC
50	MEDICAL GRADE DISPLAY	BARCO / HIGHNESS / FNS
51	DIGITAL SIGNAL PROCESSOR	BIAMP / APART / COMMUNITY
52	CEILING SPEAKER	BIAMP / APART / COMMUNITY
53	AMPLIFIER	BIAMP / APART / COMMUNITY
54	HEAD WARM MICROPHONE	SENNHEISER / BEYERDYNAMIC / AUDIOTECHNICA
55	20X PTZ CAMERA	DATAVIDEO / LUMENS / SONY / VADDIO
<b>Special Note:-</b>		
1	If "Equivalent Make" is proposed for the items then Contractor is required to submit Detailed specifications / certificates for the proposed make for BOQ item, which shall be considered/approved by the Engineer-in-Charge after evaluating that make shall comply provision of relevant IEC codes and standard guide lines and also performance in consultation under Engineer Incharge . Necessary documents in support of the same shall be submitted before procurement to Chief Engineer for approval.	
2	Makes/ Models of items of all fixtures/ Items/ Materials must be got approved from the Engineer in charge well before placing any order to the OEM. The contractor/ agency is required to submit all relevant test certificates documents and along with the proposal. The decision of Engineer-in-charge is binding in this regard and no variation is acceptable.	
3	All The Material Should Be IEC Compliant As Per Standard Mentioned In Tender Make List.	
4	The Make Approved Shall Be Gauranteed To Have Support From Oem For Minimum 10 Years With Required Spares.	
5	The Material With Higer Delivery Lead Time Shall Be Immediatly Informed To Client / Consultant Before Order Execution.	
6	Procurement of item with aesthetic value and visibility shall be on prior approval of Architect and Engineer in charge for specific area of application.	

  
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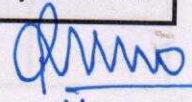
## HVAC MAKE LIST

Sr no.	Material/ Item	Make list
1.	Air handling Units/ Treated fresh air units	Systemair/ Edgetech/ Citizen/ ZECO/ Vayhan
2.	Air Washer	Systemair/ Edgetech/ Citizen/ ZECO/Humidin/ Vayhan
3.	Air Separator	Xylem/ Emerald/ Anergy/ K D Agencies
4.	Al. Sheets	Hindalco/ Balco/ Nalco
5.	Aluminum tape	Johnson/ Birla-3M/ Nippon Industries
6.	Anchor/ Fastener	Hilti/ Fisher/ MUPRO
7.	Auto Air Vent	Anergy/ RapidControl/ Sant Industries/ Honeywell/Castle
8.	Air Curtain	VTs / ACME
9.	Balancing Valves	Advance/ Honeywell/ Danfoss/ T&A/ Flowcon
10.	Ball Valves set with &without Y Strainer For FCU, Cassette & Hi-wall	Honeywell/ Emerald/ Zoloto/ Sant
11.	Butterfly Valves	Audco/ Advance/ Kitz
12.	Ball Valve	Zoloto/ Honeywell/ Audco/ Emerald/ Rapid Control/ Castle/ Kitz
13.	Cabinet Fans	Systemair/ Kruger/ Greenheck/Airflow / Wolter / Nicotra
14.	Centrifugal Fans for ventilation/ AHUs/ Airwasher	Systemair/ Kruger/ Greenheck/Nicotra/Wolter
15.	SCREW Water chilling machine/ Chiller plant manager (CPM)	Carrier/ York/ Trane/ Daikin/ Kirloskar/Voltas/Dunhambush/Bluestar / Kehems
15.A	Auto tube cleaning	Carrier/ Ecogreen/ CET Enviro / Kirloskar
16.	Celdeck Pad	DRI/ Humidin/ Munters
17.	Check Valves	Audco/ Advance/ Honeywell/ Sant
18.	Closed Cell Nitrile rubber insulation/ EPDM insulation	Armacell/ K- Flex/ A-Flex/ ALP aeroflex/ supreme
19.	Closed Expansion Tank	Xylem/ Armstrong/ Reflex/ Sevcon/ Emerald/ Anergy
20.	FLRS Cables	As per Electrical Section make list
21.	Cooling Towers (CTI CERTIFIED)	Advance/ Marley/ Paharpur/ Bell
22.	Differential Pressure Switch (Water)	Johnson/ Staefa/ Honeywell
23.	DX units and VRF	Daikin/ Hitachi/ Toshiba/ Blue Star/ Mitsubishi Electric/ LG /carrier/Voltas/Samsung
24.	Dry Scrubber	Trion/ Ryd Air/Humidin/ ESPAIR
25.	Chilled Water Cassette Unit	Bhutoria / Caryair / Kubic.
26.	Expansion Bellows/ Pipe Supports/ Vibration Isolators/ Duct Flexile Connections	Resistoflex/ Kanwal(Easyflex)/ Cori/ Flexionics
27.	Fan coil Units & Ductable Unit	Edgetech/ JCI/ Citizen/ Zeco/Carrier/Mideakubic/ Bhutoria
28.	Filters (Pre, Fine, Hepa)	American Air Filter/ Camfil/ Thermodyne/ Freudenberg
29.	Flexible Duct	Twiga/ RuskinTitus/ Kimmco/ Sevenstar/ Supreme
30.	Flow switch	Rapidcool/ Siemens/ Anergy/ Honeywell/ Danfoss

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31.	FRP Material	Reichhold/ Equivalent
32.	Fibre glass insulation	Owens corning/ U. P. Twiga
33.	Fire Paint	Flamebar/ AMEETUFF/ 3M/ promat/ JAY & CO-Cischem
34.	G.I. Pipes	SAIL/ Tata/ Jindal(HISSAR)
35.	G.I. Sheets	SAIL/ Tata/ Jindal
36.	Grills/ Diffusers/ Fire Dampers/ Louvers/ Volume Control Dampers/ Back Draft Dampers	Systemair/ Caryaire/ Cosmos/ Trox/ Greenheck
37.	GSS Factory Fabricated Ducts/ Duct Flanges	Zeco/ Ductofab/ Maruti
38.	Heat Pump	York/ Trane/ Daikin/ Bluebox/ Kehems
39.	Inline Fans	Systemair/ Kruger/ Greenheck/ Humidin/ Nicotra/ Air Flow / Wolter/Caryaire
40.	M.S. Pipes	(i)SAIL/ Tata/ Jindal(HISSAR) (below 350 mm dia) (ii) SAIL/ Tata/MSL(above 350 mm dia)
41.	M.S. Sheets	SAIL/ Tata/ Jindal
42.	Motorized Actuator ForValves& Damper	Belimo/ Siemens/ Johnson Controls
43.	Motorized Butterfly valves	Belimo/ Siemens/ Johnson controls/ Advance
44.	Induction Motors	ABB/ Siemens/ CGL/ Havells
45.	Ozone Generator	Ultrafresh/ Eltech/ Omniscient/ Chemotronic/ Ruks engineers ltd
46.	PIBC Valves	Danfoss/ Siemens/Belimo/ Flowcon
47.	Plug Fans	Ziehlabegg/ Kruger/ Nicotra/ Greenheck/ Systemair/Wolter/ Punker
48.	Pot Strainer	Advance/ Honeywell/ Emerald/ SANT/ SM/ Sandhu
49.	Precision AC	Emerson/ Bluebox/ stulz
50.	Pressure Gauge	Fiebig/ H.Guru/ Emerald/ Dwayer/ Waree
51.	Pressure Relief Dampers	Trox/ Systemair/ Cosmos/ Caryaire/ Airflow Engineers
52.	Pressurization Unit	Xylem/ Armstrong/ Reflex/ Sevcon/ Emerald/ Anergy
53.	Propeller Fans	Kruger/ Greenheck/ Caryaire/ Systemair/ Crompton/Nicotra/Air Flow/ Wolter
54.	Puff pipe support	Malanpur/ Lloyd/ Beardsell
55.	PVC Eliminators	Munterz/ BKBextrusions/ D.P. Engineers/ Enviro Tech
56.	PVC Pipes	Finolex/ Prince/ Supreme/ Ashirwad/ Astral
57.	Refrigerant Piping	Mandev/ Mexflow/ Rajco/ Hariom/ RR Kabel
58.	Rock Wool insulation	Roxul-Rockwool/ Rockwoolindia/ Lloyd/ Owens corning
59.	Spiral Round/ Oval ducts	GPSpira/ Dustech/ SpiralTubes/ Asawa
60.	Split/ Window AC	Carrier/ Daikin/ Hitachi/ Mitsubishi/ Blue Star/Voltas/Lloyd
61.	Starbond/ Lag Protective Coating	Paramount polytreat/ Pidilite
62.	Thermometers	Feibig/ H.Guru/ Emerald/ Dwayer/ Waree

  
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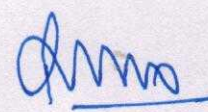


63.	Tube Axial flow Fans & Jet fan	Kruger / Greenheck/ Airflow / Dynair / Systemair / Nicotra
64.	'TF' Quality expanded polystyrene	Beardsell/ Styrene/ Cooline
65.	Ultrasonic/ Electromagnetic Flow meter	ABB/ Siemens/ Emerson/ Kamstrup/ Virtec
66.	Ultrasonic Humidifier	Carel/ Daspas/ Radipcool/ Stulz
67.	UV lamp	ALFAA UV/ Sanuvax/ Ruks / ULTRA pure / Honeywell/ Bonphul/ VS enviro/ Eflow.
68.	UVGI	ALFAA UV/ Aeropure/ Sanuvax/ Ruks / TLTRA pure / Honeywell/ ULTRA pure / Bonphul / VS enviro/ Eflow.
69.	Vane Axial flow Fans	Kruger/ Greenheck/ Systemair/Nicotra
70.	Variable frequency drive	ABB/ Allenbradley/ Danfoss/ Siemens/ Schneider/ L & T
71.	VAV/ CAV Boxes	Trox/ Trane/ JohnsonControls/ Honeywell/ Systemair/ Cosmos/ Carryaire
72.	Flexible Coupling	Victaulic/ Tyco/ Dunlop/ Easyflex.
73.	Water Pumps	Armstrong/ Xylem/ Grundfos/ Wilo
74.	Welding Rods	Advani/ L&T/ ESAB
75.	Steel Wire Rope Support	Gripple / Conklin / HILTI / Mupro.
76.	Y-Strainers	Advance/ Honeywell/ Emerald/ SANT
77.	2-way/ 3-way Modulating Valves and Thermostat	Johnson Controls/ Siemens/ Honeywell/ Danfoss/ Belimo/ T&D / Advance
78.	Active/ passive Harmonic filter for VFD (Except for Chiller VFD)	L&T/ EPCOS/ Schneider/ Danfoss/ ABB
79.	CO Sensor	Omicron / Jhonson control / Siemens.
Note:-All electrical items makes to be considered from electrical list of makes		

Note: -

1. The material shall be procured as per preference of Make in India Policy and Government of India circulars as per details given below;

- a. Notificaton of Ministry of Electronic and Information Technology, GOI vide File No.1(10)/2017-CLES dated 06.12.2019.
- b. Ministry of Commerce and Industry order No.P-45021/2/2017-PP(BE-11) dated 04.06.2020.
- c. Order of Govt. of India, Ministry of Finance, Department of Expenditure (PPD) F.No.6/18/2019-PPD dated 23.07.2020 and 24.07.2020. Certificate for the same as mentioned in the circular shall be furnished by the contractor/OEM.
- d. As per Office Memorandum No.DPE/7(4)/2017-Fin.(Part-I) dated 30.07.2020 issued by Ministry of Heavy Industries & Public Enterprises, Government of India.
- e. Gazette Notification No.CG-DL-E-07092020-221592 dated 07.09.2020 of Ministry of Electronics and Information Technology
- f. Order of Government of India, Ministry of Commerce and Industry order No.P-45021/2/2017-PP(BE-11) dated 16.09.2020.



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g. And any other guidelines issued in this regard by Government of India at the time of procurement of the items.

h. Certificate to be furnished by Agency and their specialized agency under Rule 144(XI) in the general Financial Rule 2017 of GOI, Ministry of Finance, Department of Expenditure vide Order Nos.F.18/37/2020-PPD dated 08.02.2021 and F.12/1/2021-PPD(Pt.) dated 02.03.2021.

2. If "Equivalent Make" is proposed for the items then Contractor is required to submit Detailed specifications / certificates for the proposed make for BOQ item, which shall be considered/approved by the Engineer-in-Charge after evaluating that make shall comply provision of relevant IEC codes and standrad guide lines and also performance in consultation under Engineer Incharge . Necessary documents in support of the same shall be submitted before procurement to Chief Engineer for approval.

3. Makes/ Models of items of all fixtures/ Items/ Materials must be got approved from the Engineer in charge well before placing any order to the OEM/ its authorized dealer. The contractor/ agency is required to submit all relevant test certificates documents and along with the proposal. The decision of Engineer-in-charge is binding in this regard and no variation is acceptable.

4. Procurement of item with aesthetic value and visibility shall be on prior approval of Architect and Engineer in charge for specfic area of application.

5. In case of products not indicated in this list, BIS/ IS marked products shall be preferred.



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