

Revised List of Make HVAC & BMS & FIRE FIGHTING_R1_02.05.2026

Note: The tenderer must indicate the makes he has used to cost his tender. An alternate make may be indicated as a substitute to be used if the offered make become unavailable. More than (2) two makes are Not to be indicated.

S. No.	Description	Makes
1	High Side Equipment	
1.1	Water Cooled Screw Chilling Units (AHRI/Eurovent)	Khehems/ York/ Trane/Danhumbush / Daikin
1.1A	Air Cooled Scroll Chilling Units (AHRI/Eurovent)	Khehems/ York/ Trane/ Daikin
1.2	VRF System	Mitsubishi/Carrier/Bluestar/Daikin
1.2	Pumps Coupled	Grundfos/Xylem/Armstrong/Wilo/Victaulic
1.3	Pumps Monoblock	-----
1.4	Pumps Coupled with VFD	Grundfos/Xylem/Armstrong/Wilo/Victaulic
1.5	VFD with controls	ABB (ACS-580)/Danfoss (FC102)/ Siemens (GP-120)
1.6	Cooling Towers-CTI	Delta/Bell/Paharpur/Advance
1.7	Electric hot water generator	Rapid cool/ Hydronic Solution/ KEPL
1.8	Central Plant Optimizer/ AC Plant Manager	Schneider-Eco-struxure, Siemens-Xcelerator, Siemens-Demand Flow, Lyken
	Field Devices / Sensor	Schneider/ Siemens/ Lyken
2	Air Handling Units	
2.1	Air Handling Units	VTS/Flaktwood/Systemair/Citizen
	(High Static)	

2.2	Air Handling Units (Sectional /Unitary)	VTS/Flaktwood/Systemair/Citizen
2.3	UVGI	INTELLIGREEN/RUKS. TRIMED/ Ultra Pure
2.4	Fan Coil Units	VTS/ Midea/Trane/Samsung/Kubic/Citizen
2.5	Air-washer/Dry Scrubber/ Wet Scrubber	VTS/ Crystal/ EdgeTech / Brightflow/ Dustech/Climcon /Fanair/Ensavier
2.6	Dehumidifier	Humidin / BRYAIR
3	Axial Flow Fans	Damair/Dustech /Nicotra / Climcon/ Fanair/Crystal
4	Electrical Equipment	
4.1	Electric Panel Board	Glibal electrical & controls pvt. Ltd/ Adlec / Tricolite/ J K Controls
4.2	Electric Motors	ABB/Siemens/Crompton
4.3	Starters/Switchgear	Schneider / Mitsubishi / Eaton/ L&T
4.4	MCB	Schneider / Mitsubishi / Eaton / L&T
4.5	Earthing	Obo bettermen or as per CPWD specs.
4.5	MCCB/ACB	Schneider NSX/NW / L&T / Eaton
4.6	Push button starter	Siemens/Cutler Hammer/ L&T
4.7	Auxiliary Relays/Contactors	Siemens/Cutler Hammer / L&T
4.8	Line Type Fuse	GEC Alsthom/Siemens
4.9	Timer	Siemens/Cutler Hammer/ GEC Alsthom
4.1	Terminal Block	Elmex/ Comex/ HMI
4.11	Voltmeter/Ammeter	Siemens/AE/KAPPA
4.12	Indicating lamps	Siemens/L&T/Cutler Hammer
4.13	Selector Switches	Siemens/L&T/Kaycee/GE
4.14	Change Over Switch	Siemens/L&T/HH Elcon/ Socomech/ HPL

5	Cables	
5.1	Control Cables	Bonton / Apar / Havell's / RR kable
5.2	Power Cables	Avocab / Polycab / Havell's / RR kable
6	Ducting & Grilles	
6.1	Factory fabricated duct	GS Spiral/Dustech/ Ductofab/ADS/Truestar
6.2	Pre-insulated Duct	P3/ Asawa/Mecheasy
6.3	Therma diffuser	Acutherm USA/Trocellene
6.4	Fire Dampers motors	Belimo/Siemens/Danfoss/Honeywell
6.5	G.I. Sheet Metal Duct	Jindal Hissar /National/ Tata
6.6	Grilles/Fire Dampers/Diffusers	Truestar/Ruskin-titus/ Airmaster /Crystal /ADS
6.7	G.I. Sheets	Jindal Hissar/ SAIL/ Nippon
6.8	Self adhesive gaskets	“Prima Seal”.
6.9	Stick Pins	Prima Seal
7	Pipes	
7.1	G.I.	Jindal Hissar /Tata/ SAIL
7.2	M.S. upto 150 mm	Jindal Hissar /Tata/ SAIL
7.3	M.S. 200 To 300	Jindal Hissar /Tata/ SAIL
8	Valves	
8.1	Butterfly Valves	Advance /Castle / VTM
8.2	Non Return Valve	Advance/ Castle / VTM
8.3	Balancing Valves	Advance/ Castle / VTM
8.4	Gate/Globe Valves	Caliphi / Castle / VTM/Sant
8.5	Ball Valves with Strainers	Caliphi / Utam VTM/Sant
9	Accessories	

9.1	Y-strainer	Caliphi / VTM/DS Engg./Sant
9.2	Pressure Gauge	H.Guru/Fiebig/ Caliphi/Flebig
9.3	Thermometer	Fiebig/ H. Guru
9.4	Flow Switch	Schenider/ Hydronic Solution / Caliphi/ Lyken
9.5	Automatic Air Vent	Rapid Control/ Hydronic Solution / Caliphi
9.6	Pot Strainer	Hydronic Solution / DS Engg
9.7	Suction Guide	Hydronic Solution / Rapid Control/ Caliphi
9.8	Expansion Tank (Closed Type)	Ensavier/Hydronic Solution
10	Air Filters	
10.1	Filters	Airtech/ Purolator/ Mechmark/ AAF
11	Insulation	
11.1	XLPE	Trocellene /Paramount/PPCPL/Supreme
11.2	Expanded Polystyrene	Styrene Packing/Supreme
11.3	Glass Wool	Kimmco /U.P. Twiga
11.4	Polyurethane Foam	Malanpur /Armacell
11.5	Crossed linked Oxilate Acetate Foam	Trocellene /Paramount/PPCPL/Supreme
11.6	Closed Cell Elastomeric Insulation	Armacell/ALP/K-flex/Supreme
11.7	Non woven fibre material	Mikron/ Du pont/K-flex/Supreme
11.8	Premoulded PUF section for pipe & pipe supports	Malanpur/ Lloyd/ K-flex
11.9	Aluminium Tape	Johnson/Birla 3M/Garware
11.10	Fire Rated Adhesive	Paramount/Pidilite/Twiga
11.11	Underdeck insulation (XLPE)	Aerolam/PPCPL/Supreme
11.12	Paracoat BPC	Paramount / Pidilite

12	Controls	
12.1	2/3-Way motorized valve for AHU	Siemens/Caliphi/Danfoss/ Flowcon/Belimo
12.2	2/3-Way motorized valve for FCU	Caliphi /Danfoss/Flowcon
12.3	Thermostats	Caliphi / Siemens/Honeywell
12.4	PI Balancing cum Control Valves	Danfoss/ Flowcon/ Caliphi
13	Microprocessor based systems	Siemens/Johnson Controls/Honeywell/Schnider
14	Paints	
14.1	Enamel	ICI/ Asian/ Nerolac/ Berger
14.2	Bituminus	Shalimar/ Asian Paint/ Nerolac
14.3	Tarfelt (for underground chilled water pipe insulation)	Shalimar/ Asian Paint/ Nerolac
15	Building Automation System	
15.1	DDC Controllers	Schneider /Caliphi /Siemens/Lyken
15.2	Sensors(Pressure/	Schneider/
	Temperature)	Omicron/Siemens/Lyken
15.3	VAV	Schneider /Caliphi /Siemens/Lyken
15.4	Airflow Switch (Air & water)	Schneider/ Caliphi /Siemens/Lyken
16	Miscellaneous	
16.1	Anchor fastners	Hilti/Rawlplug/Cischem
16.2	Vibration isolator	Resistoflex/Dunlup/ Kanwal
17	On-line non-chemical water treatment system	Scale Guard of Aqua Treat Pvt. /Crystallo of D-Borne Engg./ Spaloid of TBI system
18	Air & Dirt Separator	Hydronic Solution /Caliphi/ Xylem/Spirotech

19	Fire Paint	PPCPL/3M/Hiltey
20	Adhesive	PPCPL/Momansa/Start Engg./Pidilite
21	UV Coating	PPCPL/Momansa/Start Engg.
22	Fire Sealent	PPCPL/3M/Hiltey

BMS

Si.No	Items	Approved Makes
A	Controller/Software	
1	Central Control BMS Server	IBM/HP/DELL
2	Printer	HP/Canon
3	Building management System	Siemens- Desigo/Honeywell-Comfort Point/ Schneider-Struxureware/ Enlite/Johnson Controls Metasys
4	Building Management Web Based Server Software	Siemens- Desigo/Honeywell-Comfort Point/ Schneider-Struxureware/Enlite /Johnson Controls Metasys
5	Programmable & Application Specifier Controller (DDC)	Siemens- Desigo/Honeywell-Comfort Point/ Schneider-Struxureware/Enlite/Johnson Controls Metasys
6	Web Server Engines (Network/Supervisory Controller)	Siemens- Desigo/Honeywell-Comfort Point/ Schneider-Struxureware/Enlite/Johnson Controls Metasys
7	System Intergration Units for 3RD Party software Integration	Siemens- Desigo/Honeywell-Comfort Point/ Schneider-Struxureware/Enlite/Johnson Controls Metasys
8	Enclosure for DDC Controller	Rittal/Adhunik/Schneider/Johnson Controls
B	Sensor & Field Devices	
1	Immersion type temperature sensors	Omicron/ Schneider/Enlite/Johnson Controls
2	Ultrasonic Thermal Energy Meter/Flow Meter	Envix/ Kamstrup
3	Outside T+RH Sensor	Omicron/ Schneider/Enlite/Johnson Controls
4	Differential pressure Switch Air	Omicron/ Schneider/Enlite/Johnson Controls
5	Differential pressure Switch Water	Omicron/ Schneider/Enlite/Johnson Controls

6	Water Level Switches	Kele/Veskler/Flipro/ABB/Omicron
7	Flame Proof Level Switches	Kele/Veskler/Flipro/ABB/Omicron
8	Current Relay	L&T/ABB/Siemens/Situ
9	Room/Duct Type Temp Sensor	Omicron/ Schneider/Enlite
10	CO2 Sensor	Omicron/ Schneider/Enlite
11	Energy Meter	Schneider/L&T/ABB
12	CO Sensor	Dwyer/Kele/MSR Germany/Greystone/Enlite
13	Pressure Transmitter Water	Omicron/ Schneider/Enlite
14	Differential Pressure Sensor-Air	Omicron/ Schneider/Enlite
C	Wiring & Conduiting	
1	Signal Cable , PVC Insulated , tinned Copper	Fusion Polymer/Polycab/Finolex/Skytone
2	Communication Cable , PVC Insulated , tinned	Fusion Polymer/Polycab/Finolex/Skytone
3	MS Conduit of 20 & 25 mm dia	BEC/AKG
4	Lan Cable & Switches	D-Link/Belden/Delton/Netgare/CISCO

FIRE FIGHTING				
S. No.	Material	Approved Makes / Brands		
1	M. S Pipe	Tata	Jindal Hissar	Prakash Surya
		SAIL		
2	G. I Pipes	Jindal Hissar	Prakash Surya	SAIL
		TATA		

3	Forged Fittings	SS	VS	True Forge
4	ERW / butt Welded Fittings	MEC (Jainsons)	Unik	
5	Groove Fittings (UL listed)	Victaulic	Jainson	New
6	Ball Valve / Gate Valve (Gunmetal)	Sant	Leader	Zoloto
		CIM	Cassle	
7	Butterfly Valve	Zoloto	Kirloskar	Leader
		Audco		
8	Motorized Butterfly Valve	Advance	AUDCO	L&T
		Zoloto	Cassle	
9	Balancing Valve	Cassle	Utam& VTM	L&T
10	Non Return Valve	Cassle	Utam& VTM	L&T
11	Y-Strainer	Emerald	AUDCO	kirloskar
		Zoloto		
12	Pot Strainer	Rapidcool	Emerald	Sant
		AUDCO	Zoloto	
13	Thermometer	Emerald	Anergy	Honeywell
14	PICB Valve	Danfoss	Frees	Ovenrop
		Spirotech	Reflex	
15	Control Valve	Cassle	Viking (VL Listed)	
16	Airvent	Anergy	Siemens	Emerald/CIM /Advance/ Honeywell
17	Expansion Tank	Anergy	Emerald	
18	Hot Water	Sant	Emerald	Rapidcool

	Generator			
19	Air Pressure Valve	Anergy	Flemco	Castle
		SKS	Leader	
20	C.I. Double flanged sluice valves	Kirloskar	Zoloto	Sant
		IVC		
21	C.I. Double flanged Non-return valves	Kirloskar	Zoloto	Cassle
		IVC		
22	Dual Plate / Wafer Type Non-return valves	Kirloskar	Zoloto	Cassle
		IVC		
23	Foot valve with Strainer	Kirloskar	Leader	Zoloto
24	Y-Type / Pot / Suction Strainer	Kirloskar	Leader	Zoloto
		Tyco	Advance	
25	Fire Extinguishers	Zenith	Minimax	Safex
		Ceasefire	Newage	Safe Fire
26	First Aid Hose Reel Drum	Superex	Newage	Safex
		Safe Fire		
27	Thermo Plastic Hose Reels for Drums	Superex	Newage	Safex
28	R.R.L. Hose & C.P. Hose	Superex	Newage	Eversafe
		Safe Fire		
29	Branch Pipe, Nozzle, Coupling etc.	Superex	Newage	Eversafe
		Minimax	Lifeguard	Safeguard
		Safe Fire		
30	Landing Valves	Superex	Newage	Eversafe

		Safe Fire		
31	Fire Brigade	Superex	Newage	Eversafe
	Connections	Minimax	Safe Fire	
32	Fire Fighting Equipment not covered elsewhere	Superex	Newage	Eversafe
33	Hose Box	Superex	Newage	Eversafe
34	Sprinkler & Rosette Plates	Tyco	Viking	HD
		Spray Safe		
35	Flexible Connector (Drop) for Sprinkler	Easyflex	Viking	Newage
36	Flow Switches	System Sensor	Honeywell	Potter
		Tyco		
37	Inspector Test valve	Viking	Tyco	Hd
38	Pre-Fabricated Structural supports and clamps	Chilly	Hitech	Camry
		Easyflex		
39	Pressure Gauge	Emerald	Fiebig	H.Guru
		Danfoss		
40	Alarm Valve	Viking	Tyco	HD
41	Ant suction & delivery flexible pipe connectors	Easyflex	Resistoflex	Dunlop
		SAIL	Tata Steel Ltd	RINL
42	Flexible Duct Connector	Mapro	Kanwall Industrial corporation	Resistoflex
43	Stainless Steel Brach	Safex	Padmini	GETech

	Pipe			
44	Fireman Axe / Installation Control Valve	Safex	Padmini	GE Tech
45	2-way / 4-way FBC	Safex	Newage	GETech
46	Sprinkler Heads	Tyco	HD	Omax UL
47	Pipe Protection Pypcoat wrapping	IWL	Taxa	Mac-poly coat
48	Rubber Bellow	Kanwal Industrial Corporation	Resistoflex	AIP Valves
49	Deluge Valve	Safex	Tyco	HD
50	Flexible Drop (UL Approved)	Safex	HD	Kofulso
51	Anti Vibration Pad	Cori Dunlop	Diamond Pipe Support	Easyflex
		Flexionics	Resistoflex	Emerald
52	Motors for Fire Pumps	Siemens	Kirloskar	Crompton
		ABB		
53	Fire Pumps	Kirloskar	Mather & Platt	Grundfoss
		Siemens	Schneider	ABB
54	Electrical Switch Gears	Siemens	Schneider	ABB
		L&T	Legrand	
55	Power and Control Cables	Universal	Polycab	Havells
		Finolex	Paramount	KEI
56	Control Panel of Terrace Pumps	Advance panel & Switchgear	Adlec	Tricolite Elect Industry
		Zeniya	Neptune	Precision System

				Control
57	Voltmeter & Ammeter	Schneider	Neptune	Rishabh
		Conserve		
58	Indicating Lamp and Selector Switches	BCH	Rishabh	Conserve
59	CT	AE	Kappa	Nutech Electrical
60	MCCB / MPCB / MCB/RCCB	Siemens	Schneider	Legrand
		ABB	Hager	
61	Contractors / Times, Overload Relays / Starter	L&T	Siemens	Schneider
62	Annunciation panels	PCD	Agni	Tricolite
		Adlec		
63	Single phase preventor	Minilac	L&T	Siemens
64	Anti Vibration Mounting	Kanwal Industrial Corporation	Resistoflex	Ewren
65	Starter	L&T	Siemens	Crompton
		GE	ABB	BCH
66	Current Transformer (Cast Resin)	AE	L& T	Kappa
67	Nuts / bolts	Lakshmi	Unbrako	

Note : 1. Propriety items only of makes other than specified will be considered strictly on merit and suitability.