

**SCHEDULE– D**  
**Section-V**  
**Modified List of Approved Makes**

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For the items missing in the list/ the relevant IS Code and specification should be binding on the contractor. The contractor should take approval wrt the approved vendor list prior to any procurement from the Engineer-in-charge.

### A. APPROVED MAKE LIST FOR CIVIL WORKS

Sr. No.	Item	Approved Make
1	AAC Blocks	BILT or Equivalent as approved by NRDA
2	Acoustical Ceiling tiles	Armstrong / Anutone/ Hunter Douglas
3	Adhesive For Wood Work	Fevicol/Vamicol/Dunlop
4	Aluminium Accessories	Classic/Argen/Oxford/Nulite/Crown/EBCO
5	Aluminium composite panel	ALUCOBOND/ALSTONE/Eurobond
6	Aluminium Sections	Hindalco/Jindal
7	Anti-Termite Treatment	Pest Control India Ltd/Pest Control Service of India/Pest India Corporation/ Godrej
8	Bricks and Brick tiles	Best quality available conforming to class 75
9	Calcium Silicate Boards	HILUX by RAMCO/Gypsum India/Lafarge
10	Cement PPC/OPC	Ultratech/Lafarge/Ambuja/ACC/Birla/Century India Cement. Cement from mini cement plants shall not be allowed.
11	Cement Based Paint	Super Snowcem (Killick Nixon Ltd.)/Duracem/Berger
12	Cement Board	Everest/Bison/Hyderabad Industries
13	Ceramic Tiles Adhesive	Pidilite/ (Saint Gobain)/MYK/ Latricrete/Bal-Endura/ MAPAI
14	Clear Glass	Saint Gobain/Asahi India Safety/Modiguard/Pilkington
15	Concrete Additive	Sika /STP/CICO / Fosroc/Roffe/ Pidilite
16	Compressed Chequered Tiles	Eurocon/Unitile/Ultra Tiles / DURACRETE
17	Curtain Rod	Vista Levolor/Mac Décor/Aerolux/Luxelon/ Hunter Douglas
18	Dash Fasteners	Hilti/Fisher
19	Extruded Polystyrene Board	Supreme Industries/ Owens Corning/SIKA
20	Fire Doors	Shakti Met-Dor Limited/Navair/Signum
21	Flush Door	Kitply, Merino, CENTURY. Green Ply Industries/Sarda Plywood Industries Ltd (Duro Door)/Archid
22	Fly-ash Bricks	Brick Shall be as per IS 12894
23	Glass Doors (Motorised)	Autodoor Industries/DORMA/Manusa/Enox
24	Glass Fibre Acoustical Tiles	ECOPHON/Armstrong/Anutone
25	Glass mosaic tiles	Italia/Bissazza
26	Grab Bars and Disabled Hardware	DLine/ Commander/Jaguwar/Hindrance
27	GRC Screens/Louvers	Unistone/Grasim
28	Gypsum Ceiling	Lafarge/ Saint Gobain/Gypsum India
29	Heat Reflective Glass/ thermal glass	Saint Gobain/Asahi India Safety/Pilkington/ Armstrong
30	Interlocking Paving Blocks / Grass Pavers	Ultra Spectra/ Eurocon/ Duracrete
31	MDF Bords	Panelmax (Greenlam) /Anchor/Duro/Archid/Merino
32	Metal Ceilings	Armstrong / Hunter Douglas (Luxalon)

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Sr. No.	Item	Approved Make
33	Mineral Fibre Grid Ceilings	Armstrong / DAIKEN/ Hunter Douglas
34	Mirrors	Modiguard/Saint Gobain/Asahi India Safety
35	Modular Toilet Partitions	BESCO by Merino/Sturdo by Greenlam
36	Night Latch	Godrej/Dorma/Heffelle/Hettich
37	Oil Bound Distemper & Dry Distemper	Nerolac Paints/Asian Paints/AkzoNobel (Dulux)
38	Panic Exit Device	Dorma/DLine/ Heffelle/Hettich
39	Ply/ Commerical board/ Block boards/ Particle Boards	ARCHID/Century/Bhutanboard/Duro/National/Kitply
40	Polyurethane insulation and waterproofing	BASF/ BAYER/Huntsman (ICI)/Lloyd Insulations
41	Polycarbonate Sheets	Lexan from Sabic/G.E./Wilson/Sunpal/Bayer
42	Polymeric APP felt	Shalimar Tar Products (STP)/ Texsa India Ltd.
43	Polysulphide Sealant	STP/CICO/Pidilite
44	Pre-Laminated Particle Board	Anchor/Merinolam/Archid/Novopan/Greenply/Kitlam
45	PVC Flooring	Tarkett Floors/LG Floors/Armstrong
46	Resin Based Cement	Killick Nixon/Berger/Nerolac/ICI/Pidilite.
47	Rolling Shutters	Shakti Met-Dor Limited/Rama Rolling Shutters&Equivalent
48	Silicone Sealant	WackerChemie/Pidilite/Dow Corning
49	Spider Fittings/ WCP profiles /Patch Fittings	Dorma/ Dline/Heifele/Hettich
50	Stainless Steel Friction Stay	Securistyle/ EBCO
51	Stainless Steel Screws	Kundan/Puja/Atul/Northfold
52	Steel: Main Producers only	SAIL/Rashtriyaspata Nigam Ltd./IISCO/TISCO/TATA/JINDAL/ESSAR
53	Structure Steel & Hallow Seation	Tata/Jindal/Sail/Bhushan
54	Synthetic Enamel Paints	AkzoNobel (Dulux)/ Kansai Nerolac Paints (Nerolac)/ Asian Paints (Apolite)
55	Tensile Fabric Roofing	ENCON/Structureflex
56	Texture Paints (Exterior)	Heritage/ AkzoNobel (Dulux)/Asian Paints
57	Texture Paints(Interior)	Heritage/Asian Paints/Dulux
58	UPVC Rain Water Pipe	Supreme/Finolex
59	Veneered Particle Board	Kitply/Anchor/Archid/Century/Duro/Bhutan/ Greenply Particle Board.
60	Veneers and Laminates	Greenlam / Century/Merino/Euro/Archid
61	Vitrified Tiles/Ceramic Tiles	NITCO/ ASIAN/ KAJARIA/RAK/ /Orient Bell
62	Wall putty	Birla / JK
63	Water Proofing Materials	Shalimar Tar Products (STP)/ SIKA/IWL (India) Ltd./Lloyd Insulations India Ltd./Chemisol Adhesive Pvt. Ltd. Mumbai Chemistik) /CICO /Choksey /Fosrock /Dr. Fixit, BASF/ AkzoNobel (Dulux)/
64	White Cement	JK/Birla
65	Wooden Finish Ceilings	Armstrong / Anutone
66	Precast concrete tiles / Paver Blocks	Ultra/ Eurocon/ Duracrete

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**B. APPROVED MAKE LIST FOR PLUMBING WORKS**

Sr. No.	Item	Approved Make
1	Automatic variable temperature control/ fixed temperature control faucets	Jaguar/Kohler/Hindware
2	Ball Valves /Globe valves	ITAP (Italy)/TBS Engineers Ltd./Zoloto/RB (Italy)/Leader/Surya/ DRP -M
3	Battery operated Autosensor Urinal flushing system	Parry/UTech Systems/AOS Systems/Jaguar/Kohler/Hindware
4	Brass stop & Bib Cock	Jaquar/Hindware/Kohler
5	Ball valve with floats	Zoloto/ Leader/ Sant/ Jayco
6	C.I. Spun Pipe (IS 8329)	Electro Steel/ IISCO/Lanco / HAPCO
7	Centrifugally Cast CI Soil Waste Pipe And Vent Pipes (IS 3989)	Neco/Anand/ HAPCO /Ashutosh Casting
8	CPVC Valves up to 50 mm Dia	ASTRAL /Finolex
9	CPVC Pipes & Fittings above 50 mm dia	ASTRAL /Finolex
10	CPVC Pipes & Fittings up to 50 mm dia	ASTRAL /Finolex
11	Chlorinator	Ion Exchange/Thermax Limited.
12	C.I. Rainwater inlet fitting/Bronze gratings etc.	Sage Metals/GMGR
13	Copper Fittings (Capillary)	Yorkshire Imperial/ U.K./Rajco Metal Works/ Mumbai/IBP Conex Ltd.
14	Copper Pipes	Rajco Metal Works/ Mumbai/IBP Conex Ltd.
15	C.I. Sluice Valve (Fully Way Checked And Globe Valve)	Leader/Kirloskar/Upadhyay
16	C.P. Fitting And Accessories	Jaquar/Parry/GEM/Kohler/Hindware / Artize
17	Cockroach Trap	Chilly/Player/Jayna
18	Centrifugal Pump	Crompton/Kirloskar/KSB
19	C.I. Fitting	Unik/Neco/Hepco
20	C.I. Sluice Valve& Non- Return Valve	Kirloskar/IVC/Leader/Electrostal
21	C.I. Spun Pipe (IS 8329)	Electro Steel/Kesoram/IISCO/Lanco/Neco/Hepco
22	Centrifugally Cast CI Soil Waste Pipe And Vent Pipes (IS 3989)	Neco/Anand/HEPCO/Ashutosh Casting
23	D.I. Pipe Fitting	Electro Steel Casting Limited/Lanco Industries Ltd./Jindal
24	Ductile Iron(DI) pipe	Electro steel casting ltd./Jindal saw ltd.
25	FRP/GRP	EVERLAST/TECHNOCRATS/THERMOSET/BA JAJ
26	Flush Valves	Jaquar/Kohlar/Hindware
27	Filtration Plant / Softening Plant	Thermax Limited./Ion Exchange
28	G.I. Pipe With Anti Corrosive Coating	Jindal/Zenith/Hissar/Tata
29	G.I. Fitting	R Brand/Zoloto/Unik/Surya/KC
30	Gun Metal Valves (Fully Checked And	Zoloto/Leader/Surya Gold

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Sr. No.	Item	Approved Make
	Globe Valve)	
31	G.I. Pipes	Jindal-Hissar/ Tata/Zenith
32	G.I. Fittings	Unik/ K.C./ Zoloto/Leader/Surya
33	Gunmetal Valves	Zoloto/ Leader/ Sant/ Kilburn
34	Hand Dryer	Kopal/UTech Systems , Blue Circle (India) Pvt. Ltd./Kohler
35	Hydro Pneumatic System	HBDGM/ Grundfoss /Salmson /Nocchi
36	HDPE pipe	Duraline/ Jain/Time Tech/KML/Supreme
37	Liquid Soap Container	UTech Systems/Blue Circle (India) Pvt. Ltd. Kimberly Clark/Jaguar/Hindware/ Kohler
38	Level Controller	21st Century/Advance Auto/Sridhan International
39	Motor	Crompton/Kirloskar/Siemens/Jyoti
40	Manhole Covers & Frame SFRC	K.K/ PERGITY/Neco/SRIF/Pratibha/Bajaj
41	Non Clog Centrifugal Pump	Crompton/Kirloskar/KSB
42	PVC Flushing Cistern	Johnson Pedder/Parryware/Hindware
43	Plastic Seat And Cover (Solid Heavy Duty)	Hindware/Johnson/Pedder/ Parryware / Juquar / Kohler
44	PVC Pipes & fittings SWR Soil/ Waste & Vent Pipes and Fittings/ Type B PVC Casing & Screen Pipes	Supreme /Finolex
45	Polyethylene Water Storage Tank	Sintex /Rotex /Fusion /Storex/Plasto/Ocean (ISI)
46	PVC Insulated Tank 3-layer	Frontier/Euro/Diplast
47	P.T.M.T. Fitting	Prince/India /Symet
48	PP-R pipes ( PN - 16)	Amitex polymers Pvt. Ltd./Prince/Supreme
49	PVC Flushing Cistern	Johnson Pedder/Parryware / HINDWARE
50	Plastic Seat And Cover (Solid Heavy Duty)	Hindware/Johnson/Pedder/Parryae
51	RCC Hume Pipe	Indian Hume Pipe/Pragati Concrete Udyog/Equivalent/(ISI Mark) /Jain Spun /Dewan spun
52	R.O. System	Ion Exchange/Sterling India Ltd/Pentair Water
53	Stainless Steel Sinks	Jayna/Neelkanth/Nirali/Franke
54	SFRC Manhole Cover And Frame, Gully Trap covers & SFRC Casings	K.K. Manhole/Pratibha/Everlast
55	Submersible Water Pump	Raindrop/KSB/Grundfos/Kirloskar
56	Submersible Drainage Pump	Mody/Grundfos/HBDGM/Zenit
57	Stone Ware Pipes And Gully Traps (ISI Marked)	Perfect/Burn/R.K.&Equivalent, approved as per Engineer Incharge /pragati
58	Self-Closing Taps/Pillar cocks	Italy/Kohlar/Hindware/Jaguar
59	Self-Closing Mixers	Italy/Kohlar/Hindware/Jaguar
60	Solar Hot Water System	Tata BP Solar/EPL INDIA LIMITED/Solahart (India)
61	Specification for EPDM Gasket	AnandReddiplex/ Enviro Seals
62	S.S. Sink (SS-304)	Franke / Jayna / Nirali

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Sr. No.	Item	Approved Make
63	Turbine Pump	Jyoti/Kirloskar/KSB/Crompton
64	Thermal insulation	K-flex/Vidoflex
65	Vitreous China Sanitary Ware	Parryware /Hindware/Kohlar/ROCA
66	Water level controller	Elegant controls/Active Controls
67	WC connections	Multi KWik (U.K) / Prince/Supreme
68	uPVC Pipes and fittings	Prince/Supreme / jain
69	Pipe clamp and support	Chill / euro clamping / Hi-tech
70	Concealed PVC Flushing Cistern	Kohler/Hindware/Geberit/Parryware

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**C. APPROVED MAKE LIST FOR FIRE FIGHTING WORKS**

Sr. No.	Item	Approved Make
1	Air Release Valve / Pressure release Valve	Sukan/Leader/ZOLOTTO/TBS/Arco
2	Anti Vibration Pads	Kanwal/Dunlop/Kiloskar
3	Air Curtains.	Almonard / Becon / Technomech / Russel / Aerodynamics
4	Balancing Valve	Advance / Sant / Castle / HBD/Esseti
5	Ball Valve (Gunmetal/White Metal)	Leader/ Zoloto
6	Battery	Exide / Amco-yuasa/AMAR RAJA
7	Canvas Rrl Fire Hose	Jayshree/ Newage/ Crc /Exflame/Safeguard/ Life Guard
8	C.I. Butterfly valves	Audco/ Zoloto/ KSB Conforming To IS-13095/ Kirlosker
9	C.I. Double flanged sluice valve	Kirloskar/ Indian Valve Company Conforming To IS-780 / Exflame/Safeguard/ Life Guard
10	C.I. Double flanged non-return valves	Kirloskar/ Indian Valve Company Conforming To IS-5312
11	Diesel Engine	Kirloskar Oil/ Cummins/Ashoka Leyland / Greever/Loel
12	Dual Plat types non-return valves	Audco/ C & R/ KSB
13	Fire Hydrant Landing Valves/ Fire Brigade Connection (Isi Marked).	Minimax / Safex / Newage / Vijay / Safe Guard / Exflame/ Life Guard
14	Filters	Dyna / Kirloskar / Puromatic / Purafill / Aitech /Thermodyne / Aerosol / Smil / Pure Air
15	Fire Damper Motors	Balemo /Juvanto / Siemens
16	Fire Alarm	Honeywell/Ias Morley/Notifier
17	Forged Steel Fitting	Vs/Sant / Jk forging/Jainson industries
18	Fire Hydrant Valves And Branch Pipe	Minimax/ Newage/ Safex Conforming To Is-5290
19	First Aid Hose Reels Drum	Minimax/ Newage/ Safex Conforming To Is-884/ Exflame
20	Fire Pumps	Mather & Platt/ Kirloskar/ Crompton Greaves
21	Fire Extinguishers	Minimax/ Newage/ Nitin / Exflame/Safeguard/ Crease Fire.
22	Flow Switch	System Sensor/ Potter / Johnson control / Potter
23	Factory Mutual (F.M) U.S.A. Approved	Globe
24	Grilles /Diffusers.	Carryaire / Airmaster / Vinayaga / Matasys Corporation / Ajanta / Ravi Star
25	G.I. Fittings ( Malleable Cast Iron )	R' / Zoloto/ Unik. Conforming To Is-1879(Part I To X)
26	Hose Box/Hose Reel Drum	Geetach/Safegard
27	Hp /Lp /Off Switch Thermostats /Humidistats Strip Heaters.	Penn / Honey Well / Indfoss / Escorts / Dasspass.
28	Hp /Lp /Off Switch Thermostats /Humidistats Strip Heaters.	Penn / Honey Well / Indfoss / Escorts / Dasspass.
29	Insulation Material.	Fgp / Up Twiga / Pilkington / Beardsell / Lloyds / Kimmco

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Sr. No.	Item	Approved Make
30	Indicating lamps/ push buttons	Siemens/ L&t/ Ge power
31	Installation valve	HD/ Spraysafe/ Mather & Platt / Tyco/ Viking
32	Loss Prevention (F.O.C) Council Approved	Globe
33	Mechanical Seal	Dunlop /Duramat / seald
34	Modulating Motor	Honey Well / Johnson / Stefa Control / Rapid Cool.
35	Modulating Valve/ Solenoid Valve For AHU	Rapid Cool / Honeywell / Johnson
36	Mixing Valve With Motor	Siemens / Johnson Control / Honeywell / Rapid Cool
37	Motors	Kirloskar/ Siemens/ Crompton Greaves
38	Pressure Gauge.	Japsin / Fiebig / Guru / Dwyer /
39	Proportional Thermostate	Honey Well / Johnsons / Landis &Steaeafa
40	Pressure Switch	Indfoss/ Switzer/ Resistoflex/ Kanwal /Potter
41	Protective tape	IWL (Pypkote)/ Rustech Products (Coatek)
42	Rubber Tube For Hose Reel	Jyoti/Newage/
43	Refrigerant Valve	Brasmatic / Sant
44	Rubber Hose(20mm)	Deep Jyoti/ Maruti Conforming To Is-5132
45	Sprinklers	Spray Safe / Hd/Newage.
46	Sluice Valve	Kirloskar/Ivc Siemens/ L&T/ Ge Power/ABB
47	Selector switch	Kaycee/ Salzer
48	Sprinklers	Tyco / Viking / HD
49	Standpost hydrant	Minimax/ Safex/ Newage Conforming To IS-908
50	Terminal Block	Elmex/ Wago/ Fiebeg/ H. Guru
51	Under Writers Laboratories (U.L) U.S.A Approved	Globe
52	VVVF Drive For AHU/ Cooling Tower Motor	Danfoss / Alan Bradley./ Siemens /Abb
53	Welding rods	Adani/ Oerlikon/ ESAB/Superweld/Modi/DNH
54	Y-Stainer	Leader/ Zoloto / Aip valve /Audco / Advance

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**D. Approved Make for Electrical Works**

Sr. No	Items	Approved Makes
1	Distribution Transformer	EMCO/VIJAY/VOLT AMP/KIRLOSKAR/APPROVED VENDER OF CSPDCL
2	HT PANEL	SCHNEIDER/L&T/SIEMENS/ABB/CG
3	Timers	L&T/SCHNEIDER/LEGRAND/SIEMENS
4	ACB	L&T/SCHNEIDER/SIEMENS/ABB/C&S
5	CHANGE OVER SWITCH	
i	ON LOAD	GE/L&T/C&S/ABB
II	OFF LOAD	STANDARD/C&S/ABB/L&T
6	VOLT METER, AMPERE METER	
I	ANALOG TYPE	MECON/ESSVEE/AE
II	DIGITAL TYPE	MECON/ESSVEE/AE/C&S
7	CURRENT TRANSFORMER	C&S/AE/KAPPA
8	SELECTOR SWITCH	GE/L&T/C&S/ABB/SIEMENS
9	STATIC WATT HOUR METER	L&T/SEMS/GENIUS/APPROVED VENDOR OF CSPDCL
10	STARTER/CONTACTORS	GE/L&T/SCHNIEDER
11	RELAY	SIEMENS/ABB/SCHNEIDER
12	MCCB	L&T/ABB/SCHNEIDER/LEGRAND/C&S
13	CONNECTORS	ELMEX/CONNECTWELL/RAYCHEM/
14	MCB/RCCB/DBs	L&T/ABB/SCHNEIDER/LEGRAND/C&S
15	METAL CLAD INDUSTRIES PLUG & TOP	
i	PIN & SLEEVE TYPE	HAVELLS/LEGRAND/SCHNEIDER/ABB
II	BUTT TYPE	BCH/MILLBORN
III	SELF EXTINGUISHABLE POLYMER TYPE	HAVELLS/LEGRAND/SCHNEIDER/ABB
16	CAPACITOR	EPCOS/DUCATI/SCHNEIDER/UNISTAR
17	POWER SWITCH (UPTO 32A)	L&T/SCHNEIDER/SIEMENS/ABB/HAVELLS
18	EXHAUST FAN	GE/CROMPTON/BAJAJ/ORIENT/USHA/HAVEELLS / KHETAN/ ALMONARD
19	CEILLING FAN/WALL FAN	GE/CROMPTON/BAJAJ/ORIENT/USHA/HAVEELLS
20	SWITCH & SOCKET	NORTHWEST/LEGRAND(MYRUS)/CRABTREE(ATHEN A)
21	LIGHT FITTING (OUTDOOR)	PHILIPS/WIPRO/BAJAJ/SCHREDER/GE
22	LIGHT FITTING (INDOOR)	PHILIPS/WIPRO/BAJAJ/CG/GE
23	LAMPS	PHILIPS/OSRAM/GE
24	LED	PHILIPS/OSRAM/CREE/NISHIA
25	STORAGE WATER HEATER AND ACCESSORIES	BAJAJ/CG/RACOLD/JVENUS
26	SOLAR HEATING SYSTEM	TATA/BP/BHEL
27	AIR CONDITIONER	LG/VOLTAS/SAMSUNG/O-

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Sr. No	Items	Approved Makes
		GENERAL/HITACHI/DIAKIN
28	WIRES	FINOLEX/POLYCAB/RR KABEL/GLOSTER/HAVELLS
29	LT CABLES	FINOLEX/POLYCAB/GLOSTER/HAVELLS/RAVIN/CCI/UNIVERSAL
30	BRASS GLAND	COMET/METAL CRAFT INDUSTRIES/RAYCHAM
31	ALUMINIUM LUG	DOWELLS/METAL CRAFT INDUSTRIES/RAYCHAM
32	TELEPHONE CABLE	DELTON/FINOLEX/ NATIONAL/HAVELLS
33	HT CABLES	UNIVERSAL/GLOSTER/CCI/POLYCAB/RAVIN
34	CABLE JOINTS	DENSON/RAYCHEM/3-M
35	MS CABLE TRAY	VENUS/PASCO/DOLPHIN/METALEM/ASIAN ANCILLARIES
36	COPPER BUS TRUNKING ARRANGEMENT	L&T/SCHNEIDER/LEGRAND
37	PVC PIPES	PRECISION/BEC PLAST/Thermoplast
38	POWER TRANSFORMER 33/11 KV	CROMPTON/BHEL/EMCO/VIJAI/VOLT AMP
39	RING MAIN UNIT 11&33 KV	CROMPTON/SIEMENS/ABB/SCHNEIDER
40	OCTAGONAL POLES	BAJAJ/TRANSRAIL/VALMONT
41	TUBULAR POLES	AS PER IS CODE & SPECIFICATION
42	DG SET	JACKSON/ CUMMINS/ CATERPILLAR/STERLING WILLSON/KIRLOSKAR
43	LIFT	OTIS/JHONSON/THYSSEN KRUPP/KONE
44	PACKAGE SUBSTATION	SCHNEIDER/ABB/SIEMENS/CROMPTON
45	BATTERY&BATTERY CHARGER	AMARRAJA/EXIDE/TEJA
46	UPS	EMERSON/SUKAM/APC/HIREN
47	DWC PIPES	TIRUPATI/C-REX/RELIANCE/ALOM
48	RACE WAY	LEGRAND/M&K/UNITECH
49	LT Panel	SCHNEIDER/L&T/SIEMENS/ABB/CG/C&S
50	ELECTRICAL MOTOR	SIEMENS/ABB/CG/BHARAT BIJLEE/KIRLOSKAR/ALSTOM
51	SOFT STARTER	SCHNIEDER/L&T/SIEMENS/ABB/T ELEMECHANIQUE

**E. APPROVED MAKE LIST FOR HVAC WORKS**

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Sr. No.	Item	Approved Make
<b>1</b>	<b>Accessories</b>	
A	Automatic Air Vent	Rapid Control/Spirotech /Emerald
B	Flow Switch	Rapid Control/Anergy
C	Pressure Gauge	H.Guru/Fiebig/ Emerald
D	Pot Strainer	Vaishno/ Flowwell/ Emerald
E	Suction Guide	Anergy/ Rapid Control/ Emerald
F	Thermometer	Emerald/ Fiebig/Japsin/Guru/H.Guru//Bestobell
G	Y-strainer	Flowwell/ Emerald
<b>2</b>	<b>Air Filters</b>	
A	Filters	Airtech/ Purolator/ Mechmark
<b>3</b>	<b>Air Handling Units</b>	
A	Air Handling Units (High Static)	VTS/Crystal/EdgeTech/Zeco/Waves/FeddersLlyod
B	Air Handling Units (Sectional /Unitary)	VTS/ Crystal / EdgeTech /Zeco/ Waves/ FeddersLlyod
C	Air washer/Scrubber	Crystal /EdgeTech /Zeco/ Airflow/Roots Air/Humidin
D	Fan Coil Units	VTS/ Crystal / EdgeTech /Zeco/ Waves/ FeddersLlyod
E	Ozone	RUKS / Trimed
F	Second Stage Air washer	Ambassador/Roots
<b>4</b>	<b>Air Ozone</b>	RUKS/ Trimed
<b>5</b>	<b>Axial Flow Fans</b>	
A	Axial Flow Fans	Kruger/Comefri/Airflow/Humidin
B	Centrifugal Blowers	Kruger/Comefri/Airflow/Humidin
<b>6</b>	<b>Building Automation System</b>	
A	Airflow Switch (Air & water)	Johnson Control/Anergy/ Honeywell/Siemens
B	DDC Controllers	Johnson Control/Anergy/Honeywell/Siemens
C	Sensors(Pressure/Temperature)	Johnson Control/Anergy/ Honeywell/Siemens
D	VAV	Johnson Control/Anergy Honeywell/Siemens
<b>7</b>	<b>Cables</b>	
A	Control Cables	Ford/Glostor/ Finolex
B	Power Cables	Gloster Finolex/ Cap cab/ KEI
<b>8</b>	<b>Controls</b>	
A	2/3-Way motorized valve for AHU	Honeywell/Belimo
B	2/3-Way motorized valve for FCU	Honeywell/Belimo
C	Thermostats	Belimo/ Honeywell/ Siemens
<b>9</b>	<b>Ducting &amp; Grilles</b>	
A	Factory Fabricated	Ductofab/Zeco
B	Fire Dampers motors	Belimo/Seimens/Conaire
C	G.I. Sheet Metal Duct	Jindal/National/ Tata
D	Grilles/Fire Dampers/Diffusers	Airflow/Tristar/ Dynamic/Conaire/Caryaire
E	G.I. Sheets	Jindal/ SAIL/ Nippon
F	PUF/PIR Board or Panel	PAL / P3
G	Self-adhesive gaskets	“Prima Seal”.Phone: (011-6179614/ 6160850)
H	Stick Pins	Prima Seal/Air flow

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Sr. No.	Item	Approved Make
<b>10</b>	<b>Electrical Equipment</b>	
A	Auxiliary Relays/Contactors	Siemens/Cutler Hammer
B	Change Over Switch	Siemens/L&T/HH Elcon/ Socomech/ HPL
C	Electric Panel Board	System Power Control/ Electra Power /EAP/Nitya Electrical Controls/EPC
D	Electric Motors	ABB/Siemens/Crompton/Kirloskar/Alstom/Jyothi
E	Earthing	JMV or as per IS Code.
F	Indicating lamps	Siemens/L&T/Cutler Hammer/Covered modular/Vaishno
G	Line Type Fuse	GEC Alsthom/Siemens
H	MCB	Siemens/MDS Lexic Schneider MG L&T
I	MCCB/ACB	Siemens/L&T/EE Schneider
J	Push button starter	Siemens/Cutler Hammer/ L&T
K	Selector Switches	Siemens/L&T/Kaycee/GE
L	Starters/Switchgear	Cutler Hammer/Siemens/English Electric/ L&T
M	Timer	Siemens/Cutler Hammer/ GEC Alsthom
N	Terminal Block	Elmex/ Comex/ HMI
O	Voltmeter/Ammeter	Siemens/AE/KAPPA/Rishabh (L&T) Automatic Electric
<b>11</b>	<b>High Side Equipment</b>	
A	Cooling Towers	Paharpur/Coron/Flowtech/Mihir
B	Electric hot water generator	Rapid cool/ KEPL/Emerald
C	Pumps Coupled	Kirloskar/Maxflow/ Beacon/Mather & Platt./ Gundfoss
D	Pumps Monoblock	Kirloskar/Beacon/Siemens/Gundfoss
E	Pumps Coupled with VFD	ITT/Bell & Goset/ Gundfoss
F	VFD with controls	ABB/Danfoss
G	Water Cooled Screw Chilling Units	Carrier/Trane/York/BlueBox/Clivet /Dan hum bush /Daikin Mcqway
<b>12</b>	<b>Insulation</b>	
A	Aluminium Tape	Johnson/Birla 3M/Garware
B	Crossed linked Polyethylene Foam	Trocellene / Paramount/Supreme
C	Closed Cell Elastomeric Insulation	K-flex /Vedoflex
D	Expanded Polystyrene	Thermolloyd/ R.P. Packaging
E	Glass Wool	Owens Corning /U.P. Twiga
F	Non woven fibre material	Mikron/ Du pont
G	Polyurethane Foam	Malanpur /Superurethane
H	Premoulded PUF section for pipe & pipe supports	Malanpur/ Lloyd
<b>13</b>	Microprocessor based systems	Siemens/Johnson Controls/Honeywell/ Belimo
<b>14</b>	<b>Miscellaneous</b>	
A	Anchor fastners	Cannon/ Hilti/Fisher
B	Vibration isolator	Resistoflex/Dunlup/Kanwal
<b>15</b>	On-line non-chemical water treatment system	Scale Guard of Aqua Treat Pvt. Ltd./ Crystallo of D- Borne Engineers/ Scaloid of TBI System
<b>16</b>	<b>Paints</b>	
A	Bituminus	Shalimar/ICI / Dulux
B	Enamel	AkzoNobel/ Asian/ Nerolac/ Berger/ICI

Signature of Contractor.....

Signature of NRDA.....

Sr. No.	Item	Approved Make
C	Plant Audit & Certification Works	Energy Management Consultants
D	Tarfelt ( for underground chilled water pipe insulation)	Shalimar
<b>17</b>	<b>Valves</b>	
A	Butterfly Valves	Audco/Advance/Castle/Honeywell /C & R/AIP Valve
B	Balancing Valves	Advance/Audco/ Honeywell/ C & R
C	Gate/Globe Valves	Sant/ Zoloto/Emerald
D	Non Return Valve	Advance /Audco/ Castle/Honeywell/AIP Valve

Signature of Contractor.....

Signature of NRDA.....