

NBCC (INDIA) LTD

(A Govt. of India Enterprise)

NBCC Bhawan, Lodhi Road New Delhi 110003

APPROVED MAKE LIST



FOR THE WORKS COVERED UNDER THIS CONTRACT

1) Quality of Materials and Conformity with Standards:

All materials, equipment, and products used in the works shall conform to the latest applicable Indian Standards (IS), CPWD Specifications, relevant codes, and any other statutory regulations prescribed by the Government of India. Materials shall be of approved make and design. Approval of any manufacturer/vendor shall be granted only after review of samples, catalogues, test certificates or mock-ups (as applicable) by the Engineer-in-Charge.

The complete system, installation, and workmanship shall comply with the latest Applicable Codes, Standards, and Publications issued by BIS, CPWD, NBC, MoHUA, or other competent authorities.

2) Selection from Approved Makes:

The Engineer-in-Charge reserves the right to select any brand or make from the List of Approved Makes provided in the tender documents. The contractor shall quote rates based on the highest-quality product of the brands/makes listed in the BOQ, technical specifications, and Approved Make list.

No extra claim shall be entertained if the Engineer-in-Charge/ Consultant/ Client selects or changes the make within the Approved Make list, provided the item remains equivalent in specification.

3) Makes Not Listed in the Approved List:

For items for which no make is specified in the Approved Make list, the make/manufacture shall be proposed by the contractor and shall be subject to approval by the Engineer-in-Charge, provided the proposed make meets the required technical specifications, relevant IS codes, and statutory standards.

The Engineer-in-Charge's decision regarding the acceptability of such make shall be final.

4) Procurement Rules:

A. Banned / blacklisted vendors

Materials shall not be procured from manufacturers/vendors who are debarred, suspended, or blacklisted by the Government of India, State Governments, CPWD, or PSU organizations.

B. Test Certificates

Each material shall be accompanied by manufacturer's test certificates, ISI certifications (as applicable), and warranty documents, which shall be checked and approved by the Engineer-in-Charge.

C. Statutory Compliance

All materials and installations shall comply with applicable statutory requirements including safety norms, environmental standards, fire safety guidelines (NBC Part 4), and energy efficiency guidelines (BEE/ECBC, as applicable).

D. Substitution rules

Substitution of approved materials shall not be permitted without written approval of the Engineer-in-Charge.

E. For items such as Flush door and Plywood, The manufacturer should have valid licence to operate plywood industries from divisional forest officer.

F. For Flush Door, Plywood, Modular Kitchen/Wardrobe, all procurement should be made directly from Manufacturer.

G. All materials shall be procured only from Tier-1, primary manufacturers with in-house production facilities. Traders / stockists shall not be treated as approved manufacturers unless specifically permitted by the Engineer-in-Charge.



APPROVED MAKE LIST

S.NO.	DESCRIPTION	APPROVED MAKE
1.	Grey Cement	UltraTech Cement / ACC / JK Cement / Ambuja Cement / Dalmia / Shree Cement / Wonder Cement, Birla
2.	White Cement	JK White / Birla White / ACC
3.	RMC	UltraTech RMC / ACC Ready Mix / JK Lakshmi RMC, L&T, Grasim, Johnson Prism Mandatory Note: RMC shall be sourced only from manufacturers approved by the Engineer-in-Charge. The contractor shall furnish the list of nearest RMC plants, including relevant credentials, for the Engineer-in-Charge's approval if approved makes are not available within a reasonable distance from project (with plant coordinates and production certification).
4.	Reinforcement Steel (Fe500D/Fe550D – IS 1786:2022)	SAIL / Tata Tiscon / RINL / Jindal Steel & Power / JSW
5.	Structural Steel Sections (IS 2062 E250/E350)	SAIL / Tata Steel / RINL / Jindal Steel & Power / JSW, APL Apollo
6.	Hollow Section Pipes (IS 4923)	Tata Structural / JSW / JSPL / APL Apollo / Surya, APL Apollo
7.	Deck Sheeting	Tata BlueScope / JSW / Jindal / PolyAlloy
8.	Gypsum Plaster	Asian Paints SmartCare / Gyproc (Saint-Gobain) / JK / Birla / UltraTech / ANEEB / Sealix / FerrousCrete, Sakarni, Western
9.	Anti-Termite Treatment	Shree Chem / Terminator / Bayer / PCI
10.	Concrete Admixtures	Asian Paints SmartCare / CICO / Pidilite / BASF / Fosroc / Sika / MC-Bauchemie / FerrousCrete / PAMR / UniCrete / KCJ / Kunal Conchem / Bullwark / ECMAS/ FerrousCrete, Marvel
11.	Polyurethane Sealant	Pidilite / Fairmate / Fosroc / MC-Bauchemie / Dow Corning / Sika / PAMR / ANEEB / UniCrete / KCJ / Kunal Conchem / Bullwark / MCON Rasyan, ECMAS, Marvel, CICO, BASF, MYK
12.	Polyethylene Board / Backup Rod	Supreme Industries / Finolex
13.	Expansion Fasteners / Anchor Bolts	Fischer / Hilti / Bosch / Wurth
14.	Roof Tiles	UltraTiles / Hindware / UniStone / Nitco / Kajaria / Dalal / VTN, Anakon, Thermotek, Dalal Tiles
15.	Non-Metallic Floor Hardener	CICO / Pidilite / Fairmate / Fosroc / UniCrete / ECMAS, BASF, Sika
16.	Metal (GI) Roofing Sheets	Tata BlueScope / SAIL / Jindal / Lloyd
17.	Polycarbonate Roofing Sheets	Danpalon / Polygal / DPI Daylighting / Kg Plast / MPP/PolyAlloy
18.	AAC Blocks	ModCrete / HIL / Aerocon / UltraTech/

S.NO.	DESCRIPTION	APPROVED MAKE
		FerrousCrete / Godrej Tuffblocks
19.	AAC Wall Panels	Everest / Magicrete / Aerocon / Godrej / Visaka
20.	AAC Mortar	Birla Aerocon / Ardex Endura / UltraTech / Sika / MYK Laticrete / Magicrete / PAMR / FerrousCrete / Bullwark / UniCrete, Weber, JK
21.	Rolling Shutters	RAMA / Prakash / Gandhi / Shakti Hormann
22.	Expansion Joint Boards & Accessories	Fosroc / MIGUA / ASP / EMSEAL / ECMAS
23.	Asphalt Emulsion	STP / Karnak Chemical Corporation / Chryso (MC-Bauchemie group) / BASF construction chemicals
24.	EPDM & Silicone Gasket / Rubber Gasket	Schüco / Sapa Building Systems (now part of Hydro) / Rayners (Rayner) / Trelleborg Sealing Solutions / Zimmer
25.	Silicone Water-Repellent Solution	Bayer / Remmers / DuPont (or Dow Corning for silicones) / ECMAS / Sika / Fosroc / BASF, G.E/ Wacker
26.	Waterproofing (Cementitious, HDPE, EPDM, PU, Water-proof plaster, WBD etc.)	MYK Arment / MYK, Pidilite / Fosroc / Asian Paints SmartCare / Sika / BASF / UniCrete / FerrousCrete / MC-Bauchemie / CICO / PAMR / MCON Rasyan/ Technicol / Kunal Conchem / / Aneeb / ECMAS / Berger, Grace, Kintop, Keshun, Chryso, Carslile , Firestone, Marvel
27.	Glass / Rock-wool Insulation	UP Twiga / Polyglass / Owens Corning / Lloyds / Rockwool India / Saint-Gobain (Isover) / Kaimann
28.	Rebaring (Anchors / Fixings)	Hilti, Fischer, MYK, Wurth
29.	Swellable Bar	Pidilite / Fosroc / FerrousCrete / DBS / MYK Arment / Sika / BASF / PAMR / ECMAS
30.	Pressed Steel Frame	AGEW / SANHHARVIC / RAYMUS
31.	Adhesives (Tile/Stone etc.)	Kerakoll / Pidilite / Mapei / Fosroc / MYK Arment / CICO Tech Ltd / BASF / Sika / UniCrete / MCON Rasyan / FerrousCrete / PAMR / ReynoArch / ECMAS / Sealix, Marvel
32.	Admixtures	CICO, Fosroc, Sika, BASF, MC-Bauchemie, MYK Arment, Pidilite, Mapei, PAMR, Kerakoll, MCON Rasyan ,FerrousCrete, Bulwark Conchem, Aneeb, ECMAS, Marvel
33.	Bitumen	Shalimar Tar Products, Indian Oil (IOCL), Bharat Petroleum, Hindustan Petroleum, ECMAS
34 a	Parallel Threaded Couplers	Dextra, Halfen, Usha Martin
34 b	Mechanical Couplers	Maurer Sanfield, SNTP, Scintilla
35.	Extruded Polystyrene (XPS) Board	STP, Supreme Industries, Owens Corning, Shalimar
36.	Moisture Resistant Board	Saint-Gobain, Greenlam, Century
37.	Expansion Joint – Modular	DS Brown, Migua or equivalent
38.	Polyester Powder Coating / Weather Sealant	AkzoNobel, Asian Paints, Berger
39.	Curing Compound	Fosroc, Sika, BASF, FerrousCrete

S.NO.	DESCRIPTION	APPROVED MAKE
40.	Waterproof Cement Paint	Berger, Asian Paints, Snowcem (Dulux types)
41.	Welding Electrodes	Advani, Oerlikon, ESAB, L&T
43.	Self-Levelling Compound	Ardex, MAPEI, Fosroc
44.	Operable Partitions	Dormakaba, Hufcor, Häfele
45.	PVDF Coated Polyester Type Tensile Fabric	Serge Ferrari, Mehler
46.	G.I. Wire Rope	Usha Martin, Asahi Ropes, Wellworth
47.	Insulation XPS Boards	Kingspan, Owens Corning, Firestone
48.	Pre-laminated Flush Doors / Flush Doors with Frames	Greenply, Century, Archid Ply, Austin Plywood, Mikasa Doors (from the house of Greenlam Industries), Sylvanply, Redmond, Jain Doors, Jayna
49.	Lift	Otis, KONE, Schindler, Mitsubishi, Thyssenkrupp
50.	Automatic Organic Waste Compost Machines	Earth Care Equipments Private Limited, Ecoman Enviro Solutions Pvt. Ltd., Kelvin Water Technologies, Ecopollutech Engineers, Smartenviro Systems Pvt. Ltd., Green Planet Solutions
51.	Aluminum Sections	Hindalco, NALCO, BALCO, OMALCO, Jindal Aluminium, Vedanta Aluminium, Reynaers, Bhorka, Indalco, RAC Extrusion
52.	Stainless Steel	JSW Neo Steel Ltd, SKS Ispat & Power Ltd., JFE Steel India Pvt. Ltd., Rashtriya Dhatu Nigam, Tata Steel, Jindal Steel & Power Ltd
53.	Stainless Steel Railing and its accessories SS 316 / 316L	Jindal Stainless, Tata Steel, DORMAKABA (dormakaba), Q-RAILING, OZONE, Geze, Kich, AssaAbloy
54.	Shoe Glass Railing	Saint-Gobain, Guardian, Remson / Q-Railing
55.	Exterior Wall Tiles	Pavit Ceramics, Kajaria, Somany, Hindware, VTN Ceramics, VitrA
56.	Cement Based Paint	Snowcem (Snowcem Plus), JSW Paints, Berger, Asian Paints, JK Maxx Paint
57.	Exterior Texture Paint	Asian Paints, JSW Paints, Jotun, SKK (texture systems) and Luxture, Dulux, KANSAI NEROLAC (Synthetic Enamel), Berger, JK Maxx Paint
58.	Zinc Honeycomb Panel	Larcore (Alucoil), Reynobond / Alucobond
59.	Perforated Aluminium Façade Panels	Durlum (metal ceilings / panels) India, Jindal, Hindalco, Hunter Douglas
60.	Exterior Wood HPL Wall Cladding	Greenply, Century Ply, Archidply
61.	Aluminium Louvers	Hunter Douglas, Jindal, NALCO, BALCO, Hindalco, Polyalloy
62.	Performance Louvers	Saint-Gobain / Colt / Airolite
63.	Structural Glazing	Saint-Gobain, Pilkington, Guardian, AIS (Asahi India), Glaverbel
64.(a)	uPVC Window / Door	Fenesta, Prominace, Aparna Venster, Koemmerling, VEKA, LG Hausys, Encraft India, Deceuninck, Welltech Systems, Simta, Finesta, Aluplast, NCL Wintech, Koemmerling, PSP
(b)	Aluminium Door / Window / Glazing	Fenesta, Alupure, Alumil Systems, Tata Praves, and ALCOI India
(b)	Aluminium Glazing	Fenesta, Alupure, Alumil Systems, Tata Praves, and ALCOI India, RAC Extrusion
65.	GRC Architectural Decorative Products	UniStone, Birla White, Unicrete, Everest Composites Pvt. Ltd., Shree GRC, Garvit

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		Creation, National GRC Prefab Company and GFRC Innovation
66.	Fire Sealant	Hilti, 3M India, Fischer, MCON Rasyan, Wurth, Technicol
67.	Powder Coatings	Asian Paints, Jotun, Berger Paints, and AkzoNobel (PPG Asian Paints), Haryana Coating Pvt. Ltd., Zigma Paints, and Vijay Coat
68.	Glass Canopy	Häfele, Dormakaba (dorma/kaba), Satyam Impex, Glazewell System Pvt Ltd, Future Glass Works Pvt. Ltd, Bombay Glass & Aluminium, Alliance Fabtech Pvt Ltd
69.	Cement Board	Viroc / Visaka / Everest / Bison panel
70.	Clear / Float / Tinted / Frosted Glass	Saint-Gobain, AIS (Asahi India), Pilkington, Asahi India, Modiguard, Glaverbel, Gold Plus
71.	Glass/S Spider Fittings	Dorma/kaba (dormakaba), Häfele, Assa Abloy, Godrej, CRL, Q-RAILING, Prabhat
72.	Hermetically Sealed Performance / Toughened Glass	Saint-Gobain, Guardian, Pilkington, Asahi AIS, HNG Float Glass Ltd., Gold Plus Glass
73.	Backer Rod	Supreme, Softex, EPE, Silica, Armacell, MDI
74.	Exterior Cladding	NEOLITH, LAMINAM, STONELAM, ALEX, Skydecor, Alucobond, Aludezor, Viva, Reynbond
75.	G.I. Steel Door Frame	SYNERGYTHRISLINGTON/NAVAIR/SHAKTI Hormann/ /APL APOLLO/ -/JAYNA
76.	Friction Stay Hinges	SCHUCO, SAPA BUILDING SYSTEM, Häfele, Hettich, or Blum
77.	Mirror	SAINT-GOBAIN, MODIGUARD, AIS, Pilkington
78.	M.S. H.D.G. Bracket	Grade E-250 MPA or higher as approved by Engineer-in-Charge
79.	Shingles	SAINT GOBAIN - CERTAINTEED / IKO / TECHNICONICOL / GAF
80.	Metal False Ceiling	Saint-Gobain Gyproc, Hunter Douglas, Armstrong, Durlum, Anakon, Tranquil, Western
81.	Fibre / Calcium Silicate Ceiling	Saint-Gobain Gyproc, Armstrong, USG Boral, Everest, Durlum, Anakon
82.	Acoustical False Ceiling	IDEATEC, Topakustik, Fantoni, Hunter Douglas, Saint-Gobain, USG Boral, Armstrong, Durlum, Anutone, Credence, Anakon, Redmond, Tranquil
83.	Gypsum False Ceiling	Saint-Gobain Gyproc, India Gypsum, USG Boral, Armstrong, Durlum, Hunter Douglas, Anutone, Credence, Anakon
84.	False Ceiling Grid System	Saint-Gobain Gyproc, USG Boral, Armstrong, Hunter Douglas, Anakon
85.	Baffle Ceiling	Hunter Douglas, Durlum, Armstrong, Anakon, Reynoarch
86.	Ceramic Tiles	Kajaria, Hindware, Orient Bell, Varmora, Somany, NITCO, AGL, Nexion, VTN, Asian, Johnson, Orientbell.
87.	Vitrified Tiles	Kajaria, Hindware, Orient Bell, Varmora, Somany, AGL, Nexion, VTN, NITCO, Asian, Johnson,

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		Orientbell
88.	Terrazzo Tiles	NITCO, Modern Tiles, Hindustan Tiles, KG Tiles
89.	Tile Joint Filler	Roff (Pidilite), Myk Laticrete, Bal Endura (Saint-Gobain/ Bal)
90.	Wooden Flooring	Pergo (Unilin), Greenlam, Armstrong, Unilin, BerryAlloc, Tarkett, Qiah
91.	SPC / PVC / SPORTS Flooring	Armstrong, Forbo, Tarkett, LG Hausys, Polyflor, Wellspun
92.	Glass Mosaic Tiles	Bisazza, CORAL, OPIO, MOSAICO, VTN, Kajaria, Somany, Nitco, Piccolo Mosaic, Glastone Mosaic, Pixel Mosaic India, Mosaico People
93.	Epoxy Floor	Fosroc, CICO, Sika / BASF, Pidilite (Dr. Fixit), MYK Arment, MC-Bauchemie, Reynoarch
94.	Carpet Flooring	Welspun, Flotex (Forbo Group), Euronics, Forbo, Milliken, Shaw, Mohawk, Wilton
95.	Linoleum Flooring	Gerflor, Tarkett, Marmoleum (Forbo)
96.	Heat-Resistant Tiles	Swastik, Thermatek, AGL, Pavit, VTN, Thermotek, Dalal Tiles, Swastik
97.	Artificial Turf	Welspun, Eurotex, Altius
98.	Mosaic / Chequered Tiles	Bisazza, NITCO, Unitile, Dalal Tiles Industries, VTN
99.	Paver Block & Kerb Stone	NITCO, Unitile, UltraTech (for concrete products), Pavit, Dalal Tiles, Hindustan Tiles
100.	Tile & Stone Adhesive / Epoxy Grout	Pidilite / Dr. Fixit / Roff, Myk Laticrete, Fosroc, BASF, Ardex Endura, Kerakoll, Sika, CICO, FerrousCrete
101.	Floor Hardener	Ironite, Fosroc, Hardonite, Sika, Pidilite, MYK Arment, BASF
102.	Composite Marble / Engineered Stone	Asian (Asian Granito), Kalinga Stone
103.	Melamine Polish / Wood Finish	Asian Paints, Pidilite, ICI Dulux, Berger Paints
104.	Clamp System for Dry Stone Cladding	Hilti, Fischer, Bosch, Wurth
105.	Aluminium / UPVC Structural Glazing Hardware	Gretsch-Unitas (GU), Giesse, Alu Alpha (system supplier), ASSA Abloy, Saint-Gobain (for glazing systems), AIS, Pilkington
106.	Automatic Sliding Door	ASSA Abloy, Dormakaba, Hafele
107.	Door / Window Hardware	Dormakaba, Godrej, Hafele, Hettich, ASSA Abloy, Qiah, ADot, Yale, Jayna, Parbhat
108.	Locks	Godrej, Harrison, Hafele, ASSA Abloy, Dormakaba, YALE, Prabhat
109.	Smart Door Locks	Yale, ASSA Abloy, Hafele, Godrej, Prabhat
110.	Hardware For Fire Check Door	Dormakaba, ASSA Abloy, ASES Security, Hafele, Yale, Hormann, Promat, Bristol
111.	Fire Resistant Glass / Vision Panels	Saint-Gobain, Ferlite, Glaverbel, Pilkington, ASES Security, Asahi AIS, Schott
112.	Adhesive Tape	3M India, Norton (Saint-Gobain Abrasives)
113.	Rollers, Wool Pile, Sliding Fittings.	Sapa Building System, Godrej, Dormakaba, Hettich
114.	Revolving Doors	Dormakaba, Boon Edam, ASSA Abloy

S.NO.	DESCRIPTION	APPROVED MAKE
115.	Nuts / Bolts / Screws	GKW, Hilti, Rawlplug, Grippple, Unbrako, Fischer, Bosch, Wurth
116.	Plywood / Block Board / Soft Board / HDHMR Board	Greenply, Merino, Archidply, Duro / Duro Ply, Century Ply, Greenlam (for HPL & allied boards), Greenpanel (for MDF / HDHMR), Action Tesa (HDHMR / MDF), Kitply, Ng Plywood, Jayna
117.	Pre-Laminated Particle Board	Greenply, Merino, Archidlam / Archidply, Greenlam, Action Tesa (PLPB), Century Prelam, Jayna
118.	MDF Board	Merino, Greenlam, Century, Greenply, Duro, Greenpanel, Action Tesa, Jayna
119.	Adhesive for Wood Work	Fevicol (Pidilite), Araldite (Huntsman), Dunlop, 3M
120.	Float Glass / Toughened Glass	Saint-Gobain, AIS (Asahi India), Pilkington, Guardian, Modiguard
121.	Silicon / Weather Sealant	Dow Corning (DOW / DOWSIL), GE Bayer (Now GE / Momentive), Pidilite, Alstone, Sika, BASF (MasterSeal)
122.	Fire Doors (IS 3614:2021 & CBRI Certified)	Shakti Hormann (Hormann India), Tata Pravesh, ASSA Abloy, KABA / Dormakaba, Yale (ASSA Abloy group), Envirotech Systems Ltd, Pacific, Agni Suraksha, ASES Security, Sukriti, Godrej, Jain Doors, Redmond, Bhawani Fire
123.	Curtains / Blinds	Hunter Douglas (blinds), Vista Levolor, Luxaflex (Hunter Douglas Group), Casa Décor, D'Decor (for fabrics, but blinds hardware must be OEM verified)
124.	Wooden Panelling	Armstrong, Merino, Century, Greenlam, Duro/DuroTuffwood,
125.	Acoustical Wall Panelling	Armstrong, Anutone, Credence, Envirotech Systems Ltd, Acoustiblok, Tranquil, Anakon
126.	Laminated Veneer Lumber (LVL)	Greenply, Century, Archidply, Virgo, Action Tesa, Jayna, Neoflax
127.	Compact Laminated Doors (HPL Compact Doors)	Greenply, Century, Mikasa (Greenlam Group), Virgo, Jayna
128.	Solid Surface / Acrylic	REHAU, DuPont (Corian), Staron, Samsung (Staron / Hanex), LG Hausys (Hi-Macs), Tranquil
129.	Calcium Silicate Board	Promate, Gyproc (Saint-Gobain), USG Boral / USG Knauf
130.	POP	JK Cement, Birla, Lafarge, Shriram, FerrousCrete
131.	Gypsum Board for Partition	Gyproc (Saint-Gobain), USG Knauf, USG Boral, Saint-Gobain, India Gypsum
132.	Upholstery	D'Décor, MASPAR, Welspun
133.	Veneered Particle Board	Merino, Duro, Greenlam, Archid, Greenply, Jayna
134.	Laminated Particle Board	Merino, Greenlam, Century, Archid, Greenply, Jayna, v
135.	Toilet Cubicles	Merino, Greenlam, Greenply, Archidply, Formica
136.	PVC Corner Guard	Inpro Corp India Pvt Ltd, Altos Engineers Pvt Ltd, Treadsafe Engineers India Pvt Ltd, Smartech Safety Solutions Pvt Ltd, KosmoCare
137.	Acoustic Doors / Shutters	Envirotech Systems Ltd, Anutone, Ecotone

S.NO.	DESCRIPTION	APPROVED MAKE
		Systems, Soundxperts, Shakti Hormann Pvt Ltd, Tufwud Doors & Accessories Pvt Ltd, MANDATORY: Acoustic doors must include acoustic lab test (Rw / STC) certificate, not only OEM declaration.
138.	Mechanical Parking (Stack Parking)	RR Parkon, Klaus Multiparking Systems, Spartan Engineering Industries, i-stron Car Parking Systems, Wohr Parking Systems, Elevate Parking Systems
139.	Stretch Fabric Wall Panelling / Ceiling	Clipso, Serge Ferrari (alt), Hunter Douglas (for systems), Anutone (acoustics)
140.	Shower Cubicles	Saint-Gobain, Hindware, Jaquar, Kohler, Prabhat
141.	Interlocking Tiles / Grass Paver Blocks	NITCO, Pavit, VTN, UltraTech (concrete pavers)
142.	Cement Concrete Tiles	NITCO, Ultra, VTN, Duracrete, Pavit
143.	Pavement Tiles	Pavit, VTN, UltraTech, NITCO
144.	Tactile (Tactile Paving)	Kajaria, Nitco, AGL, The Virgo Group, Fixopan, Smartech
145.	Synthetic Enamel Paints	Berger, Asian Paints, JSW, ICI Dulux (Akzo / Nerolac), JK Maxx Paint, WallTek Paint
146.	Oil Bound Distemper	Asian, Berger, Nerolac, ICI Dulux
147.	Plastic Emulsion Paint	Asian, Berger, JSW, Nerolac, ICI Dulux, JK Maxx Paint, WallTek Paint
148.	Other Paints	Asian, Berger, JSW, Nerolac, ICI Dulux, JK Maxx Paint, WallTek Paint
149.	Surface Texture Paint	ICI DULUX / ASIAN PAINT / BERGER / JSW / Lustre / NEROLAC, JK Maxx Paint, WallTek Paint
150.	Melamine	Dulux, Asian, Berger, MRF
151.	Fire Resistant Paints	AkzoNobel, PPG, Jotun, JSW, WallTek Paint
152.	Acrylic Distemper	BERGER / DULUX / ASIANPAINTS / NEROLAC
153.	Acrylic Emulsion Paints	Dulux, Asian, Berger, JSW, Nerolac, WallTek Paint
154.	Cement Primer	BERGER / ASIANPAINTS / DULUX / NEROLAC
155.	Steel / Wood Primer	AKZONOBEL (Dulux) / NEROLAC / ASIANPAINTS / BERGER
156.	Epoxy Paint	Fosroc, Sika / BASF, Nerolac, Asian, Berger, JSW, JK Maxx Paint, WallTek Paint
157.	Wall Putty	JK Cement, Birla White, Asian Paints, SAKARNI
158.	Sports / Gym / Turf / Flooring	Kraiburg, Forbo, Armstrong
159.	Aluminium Composite Panel / Honeycomb ACP / Corrugated Non-Combustible ACP	Alucobond (Reynobond / Alucoil / Alpolic / Alcomax), Reynaers / Alucoil, Eurobond/ Imperia décor, Alstone Mandatory: EN/ASTM fire test certificates and product classification (A1)
160.	WPC Jali / WPC Board / WPC Door / PVC Sheet / PVC Wall Panelling	Ather, Ecraft, Plyboo, CenturyPly (Century WPC Board / Century PVC), Alstone Industries, Floresta WPC, Reynobond, Pollyalloy
161.	PVC Interiors Louvers	Supreme Industries, Finolex, Fenesta's PVC, Alstone, CenturyPly

PLUMBING INTERNAL & WTP WORK		
S.NO.	DESCRIPTION	APPROVED MAKE
1.	Sanitary Fittings & Accessories (EWC, Wash Basin, Urinals, Accessories)	Kohler, Grohe, Hindware, Jaquar, Kerovit (Kajaria), Parryware / Roca, Roca, JAL, American Standard (LIXIL), TOTO, RSM
2.	W.C. Seat Cover	Kohler, Grohe, Hindware, American Standard, Roca, Kerovit, Parryware, Jaquar
3.	C.P. Brass Flush Valves (WC / Urinals)	Kohler, Grohe, Hindware, American Standard, Roca, Kerovit, Parryware, Jaquar, Prima, Tubata, RSM
4.	C.P. Brass Fittings	Kohler, Hindware, Grohe, Jaquar, American Standard, Roca, Kerovit, Parryware, JAL, Prima, Tubata, RSM
5.	Automatic Hand Dryer	TOTO, Toshi, Euronics, Dolphy
6.	Stainless Steel Kitchen Sink	Neelkanth, AMC, Prestige, Florida, Salem Steel, Franke, Nirali, Allex, RSM, Kingston
7.	Cast Iron Pipes & Fittings, Manhole Covers (IS 3989 / IS 15905)	NECO, SKF, MICO, RPMF, Electrosteel, Jindal Saw, Polyalloy
8.	CI & DI Manhole Covers	NECO, RPMF, MICO, Electrosteel
9.	GI/MS Pipes (IS 1239 / IS 3589)	Tata Steel, Jindal (Hisar / Jindal Pipes), SAIL, APL, Apollo, Surya, Zenith
10.	GI Pipe Fittings	Unik, Zoloto, Leader, Victaulic, NECO, Electrosteel, AKG
11.	CPVC / UPVC Pipes and Valves	Supreme, Astral, Finolex, Ashirwad (Aliaxis Group), Prince Pipes, FlowGuard, AKG, CK Birla, SFMC, Ashish Pipe, Jaybro
12.	Gun Metal / Forged Brass Valves	Zoloto, Castle, Advance, C&R / Crane, Leader, Sant Brass Metal, Danfoss (control valves OEM)
13.	Y Strainer	Zoloto, Castle, Advance, C&R / Crane
14.	Pumps	Grundfos, Xylem, Lubi, Armstrong Pumps
15.	Variable Frequency Drives (VFD)	Siemens, ABB, Fuji, Schneider, Danfoss
16.	Drinking Water Cooler	Blue Star, Voltas, Oasis, Danfrost Sunrise
17.	Pressure Gauge	Fiebig, H Guru, Emerald, WIKA
18.	Water Meter (Mechanical Type)	Kranti, Kaycee, Kamstrup, Actaris, Kent
19.	Level Controller (Water)	Minilec, Siemens (float/electrode type controls), ABB (control relays), Senetron / Omron (industrial level controls)
20.	Level Indicator (Water)	Minilec, Grundfos LC systems, Pepperl+Fuchs (industrial level sensors), Siemens SITRANS
21.	Water Treatment Plant, RO, Filters, Softener	Ion Exchange, Pentair (USA), Thermax, Veolia (previously Suez), Aquatech (India), Evoqua Water Technologies, GE Water (now SUEZ Water Technologies)
22.	Water Purifier	Eureka Forbes, Pentair, Kent RO Systems, HUL Pureit, Blue Star
23.	Dosing Pumps	LMI (Liquid Metronics Inc.), Pulsafeeder, Grundfos, ProMinent

24.	Insulation for Hot Water Pipes	Armacell (Armaflex and Tubolit), Eurobatex (Union Foam), K-Flex, Thermaflex, Astral (XLPE Insulation),
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		Supreme Industries Ltd (INSUI-lite / INSUI-kings)
25.	Hot Water GeneratorsPUTTY	Thermax, Olympia, A. O. Smith, Bosch (Bosch Termotechnology), Ariston Thermo (Racold), Fulton Boiler Works, Wesman (Thermokon Process Equipment)
26.	Ozonator	ION Exchange (India), Austin India, ProMinent, Ozair, A-Mozonics, Eltech Ozone, Chemtronics Technologies, De Nora, Panasonic (ozone systems), Lenntech,
27.	Heat Pump	YORK, Bluebox, Pentair, Daikin, Mitsubishi Electric, Bosch Thermotechnology, Carrier, Stiebel Eltron
28.	Stainless Steel (SS) Pipes	Tata (Tata Steel, Tata Pipes), JSW (JSW Steel), Jindal (Jindal Stainless Ltd), Viega, Geberit, Welspun Corp, Ratnamani Metals & Tubes,Instapressfit
29.	HDPE (High-Density Polyethylene) Pipes	Supreme, Vectus, Reliance, Emco, Finolex, Astral
30.	DI Pipes / Fittings	Electrosteel, Jindal, Tata Ductura (Tata Metaliks), Saint-Gobain PAM
31.	Centrifugally Cast (Spun) Iron Pipes & Fittings	Electrosteel, Saint-Gobain, Tata, NECO, BIC
32.	Spun Ductile Iron Pipes & Fittings	Electrosteel, Jindal (Hisar), Tata Ductura, Saint-Gobain PAM
33.	SFRC Manhole Covers & Gratings	KK, OCR, Om spun, Pragati, Supreme India Precast
34.	RCC Manhole Covers & Frames	KK Manhole, GratingCo, Mercury, Supreme India Precast
35.	Floor Traps	Nirali, Jaquar, Hindware, Florida, Parryware
36.	Brass Stop & Bib Cock	Zoloto, Sant, Astral, Lauritz Knudsen (L&T), Jaquar, Hindware, Parryware
37.	Brass Ferrules	Dhawan Sanitary Udyog, Kalsi, Zoloto, Sant
38.	Polyethylene Water Storage Tank	Sintex, Vectus, Supreme, Ashirvad, Plasto, Jaybro
39.	Pipe Protection for External Water Supply Pipes	PYPKOTE, Mak PolyKote, Armacell – Armaflex
40.	GIMS (Galvanized Iron & Mild Steel) Pipe Protection Wrapping & Coating	PYPKOTE (IWL India), STP Limited, Asian Paints, Rustech-Coatek, Berger Becker Coatings, Mak PolyKote
41.	Atactic Polypropylene (APP)	STP, Dr. Fixit (Pidilite Industries), Sika, Fosroc, Berger Paints, Asian Paints
43.	C.P. (Chromium Plated) Waste, Spreaders, Urinal Flush Pipes	Jaquar, Kohler, Grohe, Hindware, American Standard, Parryware
44.	Adhesives	Pidilite (Fevicol, Araldite, M-seal), Huntsman, Henkel Adhesives (Loctite, Teroson), Astral Adhesives,
45.	PE-AL-PE (Polyethylene-Aluminum-Polyethylene) composite pipes	KiTEC, Jindal, Supreme, Astral, Finolex
46.	Backflow Preventer (Water Hammer)	Kessel, Normex, Watts Water Technologies, Zurn Wilkins
47.	Electronic Flow Meter	Krohne, Rockwin, Endress+Hauser, Siemens, ABB, Honeywell, Electronet
48.	Temperature Sensor / Gauge	Forbes Marshall, Danfoss, Wika, Endress+Hauser, Siemens, ABB, Honeywell

49.	Float Switch	Danfoss, Honeywell, Grundfos, Siemens, Endress+Hauser, Omron, ABB
50.	Dosing System	Milton Roy, Grundfos, Pentair, ProMinent, LMI (Liquid Metronics Inc.), Forbes Marshall
51	Liquid Level Controllers / Level Indicator	Honeywell, Danfoss, Endress+Hauser, Siemens, ABB
52.	Filter / Softener	ION EXCHANGE, THERMAX, PENTAIR, Veolia, Suez, L&T (Larsen & Toubro Water), Eureka Forbes, Alfa Laval
53.	Salt Saturator	ION EXCHANGE, THERMAX, PENTAIR, L&T (Larsen & Toubro Water), Suez, Veolia
54.	Vessels (Pressure / Media Tanks)	Structural, Astral, WAE, ION Exchange, Thermax, Bombay Metal Corporation
55 (a)	Mechanical Seal	EagleBurgmann, Flowserve, AESSEAL, John Crane, Hi-Tech Seals, KBL
55 (b)	Grease Trap / Separator	ACO, Kessel, Nugreen, Green Genra, Ventilair
56.	Sanitary Ware & Accessories	Jaquar, Kohler, Hindware, Roca, American Standard, Cera, Parryware, Grohe, Delta
57.	W.C. (Water Closet) Connectors	Supreme, Prince, Hindware, Multikwik, Kohler, Jaquar, Parryware, Cera
58.	Cisterns	Geberit, Jaquar, Kohler, Hindware, Cera, Parryware, Roca, Fluidmaster
59.	CPVC (Chlorinated Polyvinyl Chloride) pipes and fittings	Astral, Prince, Supreme, Finolex, Ashirvad, AKG
60.	G.I. (Galvanized Iron) and M.S. (Mild Steel) pipes	Tata (Tata Steel, Tata Pipes), Jindal (Jindal Pipes / Jindal Industries / JSW), Surya, Zenith, SAIL, Prakash
61.	RCC (Reinforced Cement Concrete) pipes	Indian Hume Pipe Co, KK, Omspun, Pragati, BRHC Pipe
62.	Cast Iron (CI) butterfly valves	Kirloskar Brothers (KBL), Zoloto, Sant Valves, Danfoss, Leader Valves, Audco (L&T Valves)
63.	Cast Iron (CI) Sluice Valves (Gate Valves)	Kirloskar, Zoloto, Sant, Danfoss, IVC, Advance, Tata (Tata Growth Shop - TGS), Audco (L&T Valves)
64.	Gully Traps	Perfect, RK, Anand, Patel Pattern, Jaquar, Hindware, Parryware, BIC
65.	Air Vent Valve	Jainsons (JSI / Jainsons India), Zoloto, RBM Italy, CIM (Cimberio S.p.A.), Kirloskar Brothers (KBL), Danfoss, Grundfos, Zurn, Watts, Caleffi
66.	Cast Iron (CI) manhole frames and covers	NECO, Hepco, SKF, BIC, Kajeco, Bombay Iron Works
67 (a)	C.I. (Cast Iron) gratings	NECO, Hepco, SKF, BIC
67 (b)	G.I. (Galvanized Iron) Gratings	Tata, Jindal, Gajra Grates, Bhagyalaxmi Industries
68.	Sealant	Dow Corning, GE (Momentive), Pidilite, Sika, Fosroc, Berger Paints, Asian Paints
69.	Underground Drainage & Sewage Pipe	Supreme, Astral, Ashirvad, Prince, AKG, Finolex, Greenpro
70.	S.S. (Stainless Steel) gratings	Ruhe, Jaquar, Hindware, Parryware, A. O. Smith, Watts Water
71.	Ball Valve	Zoloto, Sant, Leader, Danfoss, Advance, Audco (L&T Valves), Kirloskar Brothers (KBL), IVC

FIRE FIGHTING SYSTEMS		
S.NO.	DESCRIPTION	APPROVEDMAKE
1.	Pipes (both M.S. and G.I. pipes)	Tata Steel, Jindal (Hisar), SAIL, Surya, APL Apollo, Zenith
2.	Single-Head Hydrant Valves, 3-Way Brigade Inlet, Branch Pipe & Shut-off Nozzle.	Newage, Minimax, Swati Fire, Safefire, Guard, NAFFCO, HD Fire Protect, Kirloskar Brothers (KBL), Ceasefire
3.	20 mm Dia Rubber Hose for Hose Reel	GUARD, SUPEREX, LIFEGUARD, SAFEFIRE, EXFLAME, Kalpex, OMEX, Newage, Minimax, Swati Fire, HD Fire Protect
4.	Starter / Switches / TPN Switch	Siemens, Schneider, Lauritz Knudsen, ABB, Legrand, Havells, Anchor
5.	Pressure Switch	Indfoss, Switzer, Honeywell, System Sensor, Potter, Danfoss, Wika, Endress+Hauser, Siemens, Rotex
6.	Pressure Gauges	HGuru, Fiebig, Emerald, Wika, Forbes Marshall, Danfoss, Baumer, Gems Sensors
7.	Pump (Fire Pump)	Kirloskar, Grundfos, Xylem, Lubi, Armstrong, Wilo
8.	Motor	ABB, Siemens, Kirloskar, Fuji, Havells, Bharat Bijlee, Crompton Greaves
9.	Coal-Tar Treatment for Pipes (anti-corrosion)	IWL, COATEK, STP Limited, STP Limited, Asian Paints, Berger Becker Coatings,
10.	Weld Rod (Welding Electrode) and other welding consumables	ADVANI, ESAB, D&H Secheron Electrodes, Arc Electrodes, Welding Alloys South Asia
11.	Fire Extinguishers	Ceasefire, Minimax, Kidde, Guard, Lifeguard, Safefire, NAFFCO, HD Fire Protect, Newage
12.	RRL (Reinforced Rubber Lined) hoses for fire hydrants	GUARD, SUPREMEX / SUPEREX, LIFEGUARD, Kalpex, SAFEFIRE, CEASEFIRE, MINIMAX, Newage, HD Fire Protect, Swati Fire, Armor Fire / KIDDE
13.	Thermoplastic hoses used in fire-fighting hose reels	GUARD, SUPEREX, LIFEGUARD, SAFEFIRE, Kalpex, MINIMAX, Newage, HD Fire Protect, Swati Fire
14.	Rubber Gaskets	CIC, Varuna, Champion Seals, Supreme, Inseal, Flowserve / EagleBurgmann
15.	Diesel Engines including fire pumps (jockey / backup)	Cummins, Caterpillar, KOEL, Kirloskar (KBL / KEC), Mahindra Powerol, Perkins, Ashok Leyland
16.	Hose Drums (Hose Reels)	GUARD, SUPEREX, LIFEGUARD, SAFEFIRE, EXFLAME, Kalpex, MINIMAX, Newage, HD Fire Protect, Swati Fire
17.	Mechanical Seal	DURAMETALLIC, BURGMANN, AESSEAL, John Crane, KBL, Hi-Tech Seals
18.	Strainer	KBL, Emerald, Armor Fire, Audco, Advance, Sant, Zoloto, Danfoss
19.	Installation Control Valve	Tyco, Honeywell, Kirloskar, HD Fire, GUARDS, NAFFCO, Viking, Reliable Automatic Sprinkler
20.	Pipe Supports (Band / Hanger)	Hilti, Gripple, Wurth, Zipclip, UNISTRUT, George Fischer, Nortek, Armstrong Fluid Technology
21.	Flow Switch	System Sensor, Potter, Honeywell, Siemens, Tyco, NAFFCO, HD Fire Protect, Danfoss
22.	Pipe Fittings	Tata Steel / Jindal, Unik, Zoloto, Castle, KBL, Audco, Instapressfit
23.	Anti-Vibration Mounting	Dunlop, Resistoflex, Kanwal, Flexionix, Mason Industries, KBL, Armstrong Fluid Technology, Supreme
24.	Fire Sealant and firestop systems	Hilti, Wurth, Birla 3M, Huntsman
25.	Sprinklers (UL Listed)	Tyco, Viking, HD Fire, NAFFCO, Reliable Automatic Sprinkler, Minimax
26.	MS Forged Fitting	Trueforge, DRP, VS, Tega, ULMA
27.	Deluge Valve	Tyco, Viking, Honeywell, HD Fire Protect, Victaulic,

		Anvil, NAFFCO
28.	Braided Flexible for Sprinkler	Victaulic, Tyco, Anvil, EASYFLEX, Reliable, HD Fire Protect
29.	GI Fitting	Unik, Zoloto, Tarun, Jainson (MEC)
30.	DI Fitting Screwed	NVR/DRP-M/VICTALUIC
31.	GI/MS Pipes	Tata Steel, Jindal, Surya, APL Apollo
32.	ERW / Butt Welded Fittings	MEC (Jainson), Unik, ISMT, PSP, Gerlinger
33.	Groove Fittings (UL Listed)	Victaulic, Jainson, Newage
34.	Motorized Butterfly Valve	As listed in HVAC / Ventilation system
35.	Balancing Valve	As listed in HVAC / Ventilation system
36.	Pot/Y/Suction Strainer	As listed in HVAC / Ventilation system
37.	Cast Iron (CI) Flanged / Dual Plate / Wafer Type / Disk Type Valves	Zoloto, SKS (S.K.S. Ispat), Honeywell, Advance, KBL, Sant, Audco, IVC, Danfoss
38.	Foot Valve with Strainer	Kirloskar, Leader, Zoloto, Sant, IVC, Advance
39.	Hose Reel Drum / Thermoplastic Hose / RRL (Reinforced Rubber Lined) Hose / CP (Canvas / Percolating) Hose	Newage, Superex / Safefire, Lifeguard, Ceasefire, Minimax, Swati Fire, HD Fire Protect
40.	Sprinkler & Rosette Plates	Tyco, Viking, HD Fire, NEWAGE, NAFFCO, Reliable Automatic Sprinkler, Minimax
41.	Flexible Connectors (Drops) for Sprinklers	EASYFLEX, VIKING, NEWAGE, Tyco, HD Fire Protect, Victaulic, Kofulso
42.	Pre-Fabricated Structural Supports & Clamps	Hilti, Fischer, Bosch, Wurth, Mupro, UNISTRUT, Gripple, Nortek
43.	Anti-Suction and Delivery Flexible Pipe Connectors	Dunlop, Resistoflex, Easyflex, Kanwal, Mason Industries, Flexionix
44.	Flexible Duct Connector	Mapro, Kanwal, Resistoflex, Acoustic India, Flexionix
45.	Stainless Steel (SS) branch pipes, fireman axes, Installation Control Valves (ICVs), 2-way / 4-way Fire Brigade Connections (FBCs)	Tyco, Honeywell, Guard, Lifeguard, Safex, Newage, Minimax, Swati Fire, HD Fire Protect
46.	Sprinkler Heads (UL Listed)	Tyco, HD Fire, Kidde, Ceasefire, Minimax, Viking, NAFFCO, Reliable Automatic Sprinkler
47.	Pipe Protection Wrapping and Coating Systems	IWL (PYPKOTE), TAXA, MAC-POLYCOAT, STP Limited, Shalimar Paints, Asian Paints
48.	Rubber Bellow (expansion joints)	Kanwal, Resistoflex, AIP Valves, Flexionix, Dunlop, KBL
49.	Flexible Drops (Connectors) for Sprinklers (UL Approved)	HD Fire Protect, Kofulso, Tyco, Viking, Easyflex, Victaulic
50.	Anti-Vibration Pad	Dunlop, Easyflex, Flexionix, Resistoflex, Kanwal, Kirloskar
51.	Fire Pumps / Motors for Fire Pumps	Siemens, Kirloskar (KBL / KOEL / KEC), Crompton, ABB, Grundfos, Xylem, Wilo, Armstrong
52.	Electrical Switchgear	Schneider Electric, ABB, Siemens, L&T, Legrand, Havells, Anchor, Anchor
53.	Power & Control Cables	Finolex, KEI, Polycab, Havells, AKG, Delton, Plaza, RR Kabel, Sterlite Power, Paramount, Voltaic
54.	Control Panel of Terrace Pumps	Finolex, KEI, Polycab, Havells, AKG, Delton, Plaza, RR Kabel, Sterlite Power
55.	Voltmeter & Ammeter	Schneider, ABB, Siemens, L&T, Legrand, Havells, HPL Electric, Secure Meters, C&S

56.	Indicating Lamp & Selector Switches	Schneider, ABB, Siemens, L&T, Legrand, Havells, Salzer, Kaycee, Eaton, Omron
57.	CT (Current Transformers) & PT (Potential Transformers)	Schneider, ABB, Siemens, Lauritz Knudsen, Legrand, Havells, HPL Electric & Power, AEG, Powerstar, Servokon
58.	MCCBs, MCBs, RCCBs, MPCBs (Motor Protection Circuit Breakers)	Schneider, ABB, Siemens, L&T, Legrand, Havells, HPL, C&S, Anchor, Eaton, IndoAsian, Adhunik
59.	Contactors, Timers & Overload Relays	Schneider, ABB, Siemens, L&T (Lauritz Knudsen), Havells, Areva, Legrand, Eaton, C&S, Omron
60.	Annunciation Panels	Schneider, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, AEGIS, Rotex, Honeywell, Tyco
61.	Single Phase Preventer	Schneider, ABB, Siemens, L&T (Lauritz Knudsen), Havells, Minilec, Selec
62.	Motor Starters (Direct on-line / DOL, Star-Delta, Soft Starters, VFDs)	Schneider, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, C&S, Eaton, Danfoss
63.	Cast Resin Current Transformers (CTs)	Schneider, ABB, Siemens, L&T (Lauritz Knudsen), C&S Electric, Kappa Electricals, HPL Electric, Powerstar, Servokon
64.	M.S. (Mild Steel) structural elements (e.g., beams, channels, angles, tubes, sections)	TATA (Tata Steel), Jindal (JSW, JSPL), SAIL, and Surya, APL Apollo, Essar Steel
65.	S.S. (Stainless Steel) Fire Hydrant Landing Valves	Newage, Minimax, Ceasefire, Safex, Leader, HD Fire Protect, Swati Fire, NAFFCO
66.	Flexible Fire Hoses with Gunmetal Male & Female Couplings	Newage, Safex, Lifeguard, Ceasefire, Minimax, Swati Fire, HD Fire Protect
67.	Fireman's Axe	Newage, Minimax, Swati Fire, Lifeguard, Ceasefire, HD Fire Protect, Safex
68.	Fire Hose Cabinet	Newage, Ceasefire, Lifeguard, Minimax, HD Fire Protect, Swati Fire, NAFFCO
69.	Butterfly, Ball, Gun Metal Gate Valves	Zoloto, Sant, Audco, Kirloskar, Danfoss, Advance, Leader, IVC, Tyco / Viking / HD Fire
70.	S.S. (Stainless Steel) Dial Type Pressure Gauges	H Guru, Fiebig, Waree, Wika, Baumer, Forbes Marshall, Endress+Hauser
71.	MCPs (Manual Call Points)	Notifier, EST, Honeywell, Bosch, Siemens, Tyco, NAFFCO
72.	Anticorrosive Pipe Treatment & Wrapping Systems Conforming to IS:10221 – 1982	Pypkote (IWL), Tapex, Coatek, STP Limited, Shalimar Paints, Asian Paints
73.	Dash Fasteners (mechanical anchors, wedge anchors, sleeve anchors)	Hilti, Fischer, Wurth, Dyna, Bosch Rexroth, Anker, Mungo
74.	Enamel, Primer, and Paints for Pipes and Other Surfaces	Asian Paints, JSW, Berger, Nerolac, Indigo Paints, Shalimar Paints, AkzoNobel (Dulux)
84.	Paint Primer	Asian Paints, Berger, Nerolac, JSW Paints, Shalimar Paints, AkzoNobel (Dulux)

STP WORK		
1.	M.S. (Mild Steel) & G.I. (Galvanized Iron) pipes	Tata Steel, SAIL, Jindal (Hisar), Surya, APL Apollo, Zenith
2.	Sluice (Gate) & NRV (Non-Return / Check) valves	Zoloto, Advance, CIM, Tyco, Honeywell, KBL, Sant, Audco, IVC
3.	CPVC (Chlorinated Polyvinyl Chloride) pipes & fittings	Supreme, Astral, AKG, Finolex, Ashirvad
4.	HDPE (High-Density Polyethylene) pipes	Supreme, Ori-Plast, Vectus, Finolex, Ashirvad
5.	Butterfly & Ball Valves	Tyco, Honeywell, Zoloto, KBL, Sant, Audco, Danfoss, Advance
6.	C.I. (Cast Iron) pipes	IISCO, Electrosteel, Jindal, Saint-Gobain PAM
7.	Sludge & Sewage Pumps	Kirloskar, Grundfos, Xylem, Armstrong, Lubi, Wilo, Ebara, KSB Pumps
8.	Pumps	Kirloskar, Grundfos, Xylem, Armstrong, Lubi, Wilo, Ebara, KSB Pumps, Shakti Pumps
9.	Plate Setters (Lamella Clarifiers) & Agitators	ION Exchange, Thermax, Veolia, Suez, Grundfos
10.	Air Blower (specifically Twin Lobe Rotary, or Roots blowers)	Everest, KBL, AERZEN, Atlas Copco, Invincible
11.	Reduction Gearboxes	Radicon, Elicon, Shanti, Premium Transmission, Rotork, Bonfiglioli
16.	Pressure Gauge	H. Guru, Fiebig, Honeywell, Wika, Baumer, Forbes Marshall, Warea
17.	Chlorinator	ALM, Toshkon, ION EXCHANGE, Thermax, Suez, Grundfos
18.	Sump Pump	Kirloskar, Grundfos, Xylem, Armstrong, Lubi, Wilo, KSB Pumps
19.	Pressure & D.P. (Differential Pressure) Gauges	H. Guru, Fiebig, Honeywell, Wika, Baumer, Forbes Marshall, Warea
20.	Level Controllers & Indicators	Advance, Forbes Marshall, Wika, Endress+Hauser, Gems Sensors, Siemens
21.	Flow & Water Meters	Honeywell, Kamstrup, Sensus, Elster, Forbes Marshall, Zenner
22.	C.I. (Cast Iron) Double Flanged Sluice Valves	AS LISTED IN PLUMBING & SANITARY
23.	C.I. (Cast Iron) Disk Type Non-Return Valves (NRVs / Check Valves)	AS LISTED IN FIRE-FIGHTING
24.	C.I. (Cast Iron) Strainers	Leader, Sant, Castle, KBL, Zoloto, Advance, Audco
25.	PVC (Polyvinyl Chloride) Valves (ball valves, foot valves, check valves, etc.)	Supreme, Astral, AKG, Finolex, Ashirvad
26.	C.I. / D.I. Manholes Cover	AS LISTED IN PLUMBING & SANITARY
27.	Plastic Encapsulated Footrests	KGM, KK, Supreme, Ashirvad, Ori-plast
28.	Filter Feed Pumps & Hydro-Pneumatic (Hy-Pneu) Pumping System	Grundfos, ITT (Xylem), Wilo, KSB, Kirloskar, Armstrong, Lubi
29.	Pressure Transmitters & Hydrostatic Level Indicators	Wika, Siemens, Honeywell, Emerson, E+H (Endress+Hauser), Jumo
30.	Vibration Pads / Suction / Delivery Flexible Connectors	AS LISTED IN HVAC / VENTILATION SYSTEM
31.	Pressure Sand & Activated Carbon Filter	WAE, Fontus, ION EXCHANGE, Thermax, Veolia
32.	Ultraviolet (UV) disinfection systems used for treated effluent	Alphauv, Sukrut, Neotec, WAE, ION EXCHANGE, Thermax, Suez, Grundfos
33.	Air Diffusers	REHAU, ION EXCHANGE, Thermax, Veolia
34.	MBBR (Moving Bed Biofilm	WAE, ION EXCHANGE, Thermax, Rehau, Veolia,

	Reactor) Media	Suez
35.	Tube Settler Media	WAE, ION EXCHANGE, Thermax, Rehau, Veolia, Suez
36.	Centrifuge	Pennwalt, Alfa Laval, Humboldt Wedag, Flottweg, GEA, Kirloskar
37.	Level Gauge	H. Guru, Fiebig, Wika, Forbes Marshall, Endress+Hauser, Gems Sensors, Advance
38.	pH meters, conductivity meters, DO meters, TDS meters	Hach, Siemens, E+H (Endress+Hauser), Rosemount (Emerson), Forbes Marshall, ABB, Mettler Toledo, Thermo Scientific
39.	UV water purifiers (for WTP / STP applications)	Alfaa UV, WAE, ION EXCHANGE, Thermax, Veolia, Suez
40.	Symphonic (siphonic) roof drainage systems	Geberit, Saint-Gobain, Wavin, ACO, Sangir Plastics
41.	Ozonisation Systems	ORAIPL, Toshkon, WAE, ION EXCHANGE, Thermax, Suez, Oz-Air
42.	Geared Motor	Bonfiglioli, Greaves Cotton, Motovario, SEW-EURODRIVE, Siemens, Radicon, ABB
43.	Exhausters (exhaust fans / blowers)	Nicotra, Krugger, Greenheck, Systemair, Maico, FlaktGroup
44.	Compost Plant	Excel, Ecoman, Thermax, ION EXCHANGE, Smart Enviro Bombay, Clean India Ventures
45.	Solid Waste Handling & Conveying Systems	Envtech, Rosaroca, Thermax, ION EXCHANGE, Excel, Ecoman
46.	Clear Water Pump	listed in the Pumps and Water Treatment sections
47.	Electrical Enclosure & PLC Box	Rittal, BCH, Delta, Square "D", Eaton, Legrand, Striebel & John
48.	Lighting Distribution Board	AS PER ELECTRICAL LIST OF MAKE
49.	Ozonators, Testing Meters, Online Monitoring Systems, Filtration systems, & related components	Creative Oz-Air, Amzonics, WAE, ORAIPL, Toshkon, Ion Exchange, Thermax
50.	Reverse Osmosis (RO) Membranes	GE (Suez), Hydronautics, Toray, Membrane Solution, WAE, Dow/DuPont, LG Chem, ION EXCHANGE
51.	FRP (Fiber Reinforced Plastic) Vessels & MCF (Multi-Cartridge / Multi-media Filters)	Pentair, Thermax, Amtek, WAE, DPL, ECMAS, ION EXCHANGE, Veolia, Suez

ELECTRICAL WORKS		
S.No.	DESCRIPTION	APPROVED MAKE
1.	MCCBs (Moulded Case Circuit Breakers)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, Eaton, C&S, IndoAsian, Adhunik
2.	MCBs (Miniature Circuit Breakers), Isolators, and Distribution Boards (DBs)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, Hager, C&S, Eaton, IndoAsian, Adhunik
3.	Air Circuit Breakers (ACBs)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, C&S, Eaton, IndoAsian, Adhunik
4.	ELCBs, RCCBs, RCBOs (Residual Current Breaker with Overcurrent Protection)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, C&S, Eaton, IndoAsian, Adhunik
5.	Power & Auxiliary Contactors	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, C&S, Eaton
6.	Cast Resin Current Transformer (CTs) and Potential Transformer (PTs / VTs)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Kappa, Automatic Electric, Gilbert & Maxwell, Wika, Powerstar, Servokon
7.	LED type Indicating Lamps & Push Buttons	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), GE Power Controls, Legrand, Havells, Eaton
8.	Electronic Digital Meters (A/V/PF/Hz/KW/KWH)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Secure Meters, Hager, Legrand
9.	Capacitor Banks & Power Factor Correction Solutions (ISI mark)	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), EPCOS, Havells, Legrand
10.	Protection Relays (IDMT), APFC Panels & Associated Relays	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Havells, Areva (GE Grid Solutions), EPCOS, Minilec
11.	Electrical Panels, Rising Mains, and LT (Low Tension) Panels.	Siemens, Schneider Electric, L&T (Lauritz Knudsen), Legrand, C&S, Tricolite, ABB, Eaton, Havells, SPC Electrotech, Precision System Control, Advance
12.	Transformers	ABB, Schneider, Voltamp, Crompton Greaves (CG Power), Kirloskar (KEC / KBL), TATA Power, Emerson, Siemens, Powerstar
13.	H.T. (High Tension) Panels	ABB, Crompton Greaves (CG Power), Schneider Electric, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, C&S, Eaton, SPC Electrotech, Precision System Control, Advance Panel
14.	SPDs (Surge Protection Device)	Mersen, Eaton, Weidmuller, Schneider Electric, ABB, Siemens, Phoenix Contact, OBO Bettermann
15.	Hybrid / Capacitor Panels	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, C&S, EPCOS, Havells, SPC Electrotech, Precision System Control, Advance
16.	Automatic Transfer Switches (ATS)	ASCO, Caterpillar, Havells, Legrand, L&T (Lauritz Knudsen), Siemens, Schneider Electric, ABB, Eaton, GE Power Controls
17.	Bus Ducts & Rising Mains	Schneider Electric, Siemens, Legrand, C&S, ABB, L&T (Lauritz Knudsen), Tricolite, Eaton, Havells, SPC Electrotech, Precision System Control, Anant Power (Advance)
18.	Diesel Engine	Cummins, Perkins, Caterpillar, Kirloskar (KOEL), Mahindra Powerol
19.	Alternator	K.E.C. (Kirloskar Electric Company), Stamford, Leroy Somer, Crompton Greaves, ABB
20.	Anti-Vibration Mountings	Resistoflex (RMS Corporation), Easyflex, Polybond, GMT Rubber, Novibra
21.	Fuse Switch Disconnectors	Schneider Electric, ABB, Siemens, L&T (Lauritz Knudsen), Legrand, Havells, Eaton, C&S

22.	Floor Trunking & Raceway Systems	ABB, Legrand, C&S, Schneider Electric, SOPPEC, OBO Bettermann, AKG, RMCON, Anant Power
23.	Cable Trays (Factory-Fabricated)	OBO Bettermann, SOPPEC, Schneider Electric, Legrand, Indeana, SPC Electrotech, Precision, Global Electrical & Controls, Norpack, AKG, RMCON, Polyalloy, Anant Power
24.	Power & Control Cables (up to 11kV and 33kV)	Finolex, KEI, Polycab, Havells, AKG, Gloster Cables, Universal Cables, Paramount
25.	Copper Conductor Wires, Control Cables, Communication Cables, Signal Cables	Finolex, Polycab, Havells, Anchor (Panasonic), AKG, Belden, KEI, RR Kabel, Batra Henley, ESC, Adhunik, DICABS, Paramount, Voltaic
26.	Copper Conductor PVC Insulated Wires	Finolex, Polycab, Havells, Anchor (Panasonic), AKG, KEI, RR Kabel, Adsel, Batra Henley/ESC/Adhunik, DICABS, Paramount, Voltaic
27.	M.S. (Mild Steel) Conduits & accessories (all ISI Marked)	B.E.C., Polycab, AKG, Finolex, OBO Bettermann, SOPPEC
28.	G.I. (Galvanized Iron) Conduits & accessories (all ISI Marked)	B.E.C., Polycab, AKG, Indeana, Anchor (Panasonic), OBO Bettermann, SOPPEC, Norpack
28.	PVC Conduits & accessories (all ISI Marked)	Polycab, AKG, Anchor (Panasonic), Finolex, Legrand, KEI, Norpack, Ashish Pipe
28.	PVC Conduits pipe & fittings (all ISI Marked)	Polycab, AKG, Anchor (Panasonic), Ashish pipe, Finolex, Legrand, KEI, Norpack, Ashish Pipe
29.	Switches, Sockets, Plugs (including modular, industrial, modern types) and all related accessories	Legrand, Schneider Electric, ABB, L&T (Lauritz Knudsen), MK (Honeywell), Crabtree, Anchor-Panasonic, C&S, Havells, Siemens, Eaton, Adhunik
30.	Cable Glands & Lugs	Dowells (CCI Products), Comet, Cosmos, Pheonix, L&T Electrical & Automation, OBO Bettermann
31.	Internal & External Lighting and Lighting Fixtures	Philips, Wipro, Panasonic, Havells, OSRAM, Bajaj Electricals, Legrand, Crompton Greaves, Syska, Surya Roshni, Instapower
32.	External Lighting Poles & Integrated Lighting Solutions	Utkarsh India, Transrail Lighting, Ambica Poles, Hakke India, Pyrotech Electronics, Bajaj, Panasonic, Crompton, Havells, Philips, Wipro, Osram
33.	Copper Conductor Telephone Wires	Finolex, KEI, Polycab, Havells, RR (RR Kabel / RR Global), Anchor (Panasonic), Belden (Belden India), D-Link / CommScope, Adhunik, Batra Henley, Paramount
34.	Copper Conductor Co-Axial T.V. Cable	Finolex, Polycab, KEI, RR Kabel, Havells, Belden (Belden India), D-Link / Paramount
35.	Telephone Tag Blocks	Krone, CommScope, D-Link, Systimax, Legrand
36.	Ceiling Fans	Bajaj, Havells, Crompton Greaves, Anchor, Orient Electric, Usha, Luminous, Legrand, Wipro, Adhunik
37.	Exhaust Fan	Bajaj, Usha, Crompton Greaves, Anchor, Havells, Wipro, Orient Electric, Legrand, Adhunik
38.	Automatic Gas Suppression Systems	Kidde, Tyco, Siemens, Viking, Honeywell, Firetrace, Minimax, NAFFCO, Rotarex
39.	Fire Survival (FAS - Fire Alarm Systems) Cables that comply with the latest IS 17505 (Part-1) 2021 standard	LAPP, Havells, Polycab, Finolex, ASES Security, AKG, KEI, RR Kabel, Belden
40.	UPS (Uninterruptible Power Supply) Systems	Numeric, Emerson / Vertiv, Eaton, APC/Schneider Electric, Fuji Electric, Chloride, Gutor, Hitachi Hi-Rel Power, Powerware (Eaton brand)
41.	Rubber Mats (ISI Mark)	Jyoti, Maruti, Tata, Premier, PHEL, Oriental Rubber, Mahavir / Ritu Ghee
42.	Communication Cables & Signal Cables	Finolex, Polycab, KEI, Belden, AKG, Voltaic

43.	Lightning Protection Systems (LPS)	DEHN, ABB, OBO (Bettermann), JMV, Schneider Electric, Havells
44.	Chemical Earthing System	DEHN, ABB, OBO (Bettermann), JMV, Tercel,





		Schneider Electric, Havells, Eaton
45.	Power Contactors (AC3 Rating), Capacitor Duty Contactors, Starters (Direct Online - DOL, Star-Delta), Thyristor Modules (for APFC, soft starters), Electrical Motors, Motor Starters	Siemens, L&T (Lauritz Knudsen), ABB, Schneider Electric, Legrand, Havells, Eaton, C&S, Crompton Greaves (CG Power)
46.	Solar Panels	TATA Solar Power, BHEL, Havells, Waaree Energies, Adani Solar, Vikram Solar, ReNew Solar / ReNew Energy Global, Websol
46A	Solar Heat Reflector Coating	Thermacool, Luminx, Kay-coat
47.	SCADA (Supervisory Control and Data Acquisition)	Siemens, Schneider Electric, ABB, Honeywell, Rockwell Automation, GE Fanuc (now GE Digital), Fuji Electric, L&T (Lauritz Knudsen)
48.	H.T. (High Tension) Termination & Joining Kits	Raychem (TE Connectivity), Birla-3M, REPL, DOWELL'S (CCI Products), ABB
49.	Maintenance-Free Chemical Earthing Systems	ABB, Tercel, JMV, Ecosafe, Erico, DEHN, OBO Bettermann, Schneider Electric
50.	ATS (Automatic Transfer Switches)	ASCO Power, ABB, Caterpillar, GE, Lauritz Knudsen, SOCOMEC, Russelectric, Schneider Electric, Eaton, Havells / Legrand
51.	HRC Fuses (High Rupturing Capacity) and fuse fittings	ABB, GE, Siemens, Lauritz Knudsen, Havells, Legrand, Eaton, C&S
52.	Aviation Lights (Aircraft Warning Lights / Obstruction Lights)	Philips, Bajaj, Wipro, Osram, Polycab, Instapower, Metalweld, Honeywell
53.	DG Sets (Diesel Generator Sets)	Kirloskar (KOEL), Cummins, Caterpillar, Perkins, Ashok Leyland, Mahindra Powerol, Sudhir / Kohler
54.	Batteries	Quanta, Exide, Panasonic, Hitachi
55.	Batteries Charger	Exide, Caldine, Hitachi Hi-Rel Power, Chloride, Numeric, Vertiv / Eaton
56.	PLCs (Programmable Logic Controllers)	Siemens, Schneider Electric, Rockwell Automation (Allen-Bradley), Honeywell, Mitsubishi Electric, L&T (Lauritz Knudsen), ABB, Delta Electronics
57.	NIS (Neutral Isolation Switches) and NGR (Neutral Grounding Resistors)	Resitech, Essen, RSI Switchgear, Lachhman Electronics, ABB, L&T, Siemens
58.	Octagonal Steel Poles and Integrated External Lighting Solutions	Utkarsh India, Transrail Lighting, Ambica Poles, Hakke India, Bajaj, Crompton Greaves
59.	High Mast Poles (16m to 25m height range)	Havells, Philips (Signify), Wipro, Bajaj, Utkarsh India, Transrail Lighting, Crompton Greaves
60.	LED Lights & Lighting Fixtures	Havells, Philips, Wipro, Panasonic, Instapower, Osram, Bajaj, Syska, Legrand, Adhnik
65.	Multifunction Meters (MFMs) with LCD / LED displays	Siemens, Secure, Lauritz Knudsen, Schneider Electric, ABB
75.	DLP (Ducting, Lighting, Power) Trunking & Raceway systems	Legrand, MK (Honeywell), OBO (Bettermann), Schneider Electric, ABB, C&S
81.	Compact Substations (CSS) or Package Substations	ABB, Schneider Electric, Siemens, L&T (Lauritz Knudsen), Crompton Greaves, Eaton, C&S
82.	Power Capacitor	ABB, EPCOS, Legrand, Schneider Electric, Siemens, Havells, Lauritz Knudsen

LOW VOLTAGE SYSTEM / AUDIO-VISUAL & CONTROL SYSTEM

1. FIRE ALARM SYSTEM

S.No.	DESCRIPTION	APPROVED MAKE
1	Detectors, Devices & Modules	Edwards, Notifier, Siemens, Simplex, Bosch, Honeywell, HOCHIKI
2	Main Control Panels, including Repeater Panels & Graphic Display Software	Edwards, Notifier, Siemens, Simplex, Bosch, Honeywell, HOCHIKI, Notofire
3	Manual Pull Stations (Manual Call Points), Hooters / Sirens, & Strobes / Visual Alarm Devices	Edwards, Notifier, Siemens, Simplex, Bosch, Honeywell, HOCHIKI
4	Beam Detectors (Projected Beam Smoke Detectors)	Edwards, Notifier, Siemens, Simplex, Bosch, Honeywell, HOCHIKI, System Sensor
5	Hydrogen (H ₂) & Sulfur Dioxide (SO ₂) Gas Detectors	Honeywell, Siemens, Bosch, System Sensor, Dräger, MSA Safety, Crowcon Detection
6	Smoke Aspiration Systems (also known as VESDA - Very Early Smoke Detection Apparatus)	Xtralis (by Honeywell), Siemens, Ravel, Securiton, Vesda by Xtralis, Notofire
7	Sealed Maintenance Free (SMF) Batteries	Exide, Panasonic, Quanta, Hitachi
8	FAS&PA (Fire Alarm Systems & Public Address) Signal and Communication Cables	Finolex, Polycab, Legrand, Belden, Excel, KEI, RR Kabel, LAPP, DICABS, Notofire,
9	Communication Cables, specifically Single Mode Optical Fiber Cables (OFC)	Legrand, Belden, CommScope, AFL, Siemon, Panduit (Pan-Net), Corning, D-Link, Finolex / Polycab / Notofire
10	Workstation with keyboard (wireless) & mouse (wireless)	Dell, HP, IBM, Lenovo, Apple
11	Printers, Scanners & Multi-Function Devices	Brother, HP, Canon, Sharp, Epson, Xerox, Konica Minolta, Samsung
12	Response Indicators	Cooper, Ravel, Honeywell (via System Sensor / Notifier / XLS 3000 systems), Notifier (ONYX series), Siemens, Bosch, Edwards, Notofire
13	Talk Back Units (two-way fire fighter communication systems)	Cooper, Ravel, Honeywell (via XLS 3000 systems), Notifier (ONYX series), Siemens, Bosch, Edwards
14	Public Address (PA) Systems	Honeywell, Bose Professional, Ravel, Bosch, Siemens, C-TEC, Yamaha Commercial Audio, QSC, Electro-Voice, Notofire
15	LCD / LED	Sony, Panasonic, Samsung, LG
17	Wi-Fi Router & Access Point	Netgear, Cisco, Juniper, Alcatel, Huawei, TP-Link
18	HDMI & VGA Patch Cords	Extron, Liberty AV, Kramer, Belden, Atlona, PureLink, Crestron, Barco

2. PUBLIC ADDRESS SYSTEM

S.No.	DESCRIPTION	APPROVED MAKE
1	Public Address (PA) System Consoles & related accessories	Edwards, Notifier, Bosch, Honeywell, Ateis, Biamp, Atlas IED, Optimus, Bose, QSC, Crestron, Yamaha Commercial Audio, Peavey, Notofire
2	P.A. Speakers, Horns, Amplifiers	Edwards, Notifier, Bosch, Honeywell, Ateis, Biamp, Atlas IED, Optimus, Bose, QSC, TOA Corporation, Yamaha Commercial Audio, Extron, Dynacord
3	P.A. Signal & Communication Cables	Belden, Legrand, Finolex, Polycab, Batra Henley, Excel, CommScope, LAPP, Panduit
4	Networking Enclosures & Racks of various sizes	Rittal, Valrack, APW-Vero President, Panduit-Pannet, Netrack, Schneider Electric (APC), Eaton, Vertiv, Siemens, Voltaic, Notofire

3. CCTV SYSTEM

S.No.	DESCRIPTION	APPROVED MAKE
1	CCTV Cameras & Video Surveillance	Axis, Tyco, Pelco, Bosch, Hikvision, Dahua Technology, Hanwha Vision, Avigilon, Sony
2	Network Video Recorders (NVRs)	Axis, Tyco, Pelco, Bosch, Vivotek, Avigilon, Hanwha Vision, Honeywell, Hikvision / Dahua, Genetec, Eaton
3	Video Management Software (VMS)	Axis, Tyco, Pelco, Bosch, Genetec, Milestone Systems, Avigilon, Hanwha Vision, Dahua Technology, Hikvision, Honeywell
4	Hard Drives (HDDs)	WD (Western Digital), Seagate, Toshiba, HPE (Hewlett Packard Enterprise), Pure Storage
5	Display (LED)	LG, Samsung, NEC, Panasonic, Sharp, Sony, Barco, Christie, Absen, Daktronics, ViewSonic
6	Servers & Workstations	Dell, HP, IBM, Lenovo, Cisco, Oracle, Fujitsu, Voltaic

4. ACCESS CONTROL SYSTEM

S.No.	DESCRIPTION	APPROVED MAKE
1	Access Control Systems and Associated Input / Output (I/O) Modules	Tyco, HID, Lenel, Honeywell, Genetec, Avigilon, Bosch, Salto Systems
2	EM (Electromagnetic) Locks, Exit Buttons, and Emergency Break Glass Units	Assa Abloy, Kaba, BEL (Batra Electric Co.), SDC Security (Security Door Controls), RCI (Rutherford Controls Int'l), Altronix, Honeywell, Tyco, Camden Door Controls, Schlage, Bosch
3	Door Position Sensors	Assa Abloy, Kaba, Honeywell, Bosch, RCI (Rutherford Controls Int'l), Sentrol, UTC Fire, Camden Door Controls, Hikvision, Dahua
4	Physical Access Barriers (like Flap Barriers, Boom Barriers, Automatic Bollards, Tire Killers, Road Blockers & Turnstiles)	Magnetic, Godrej, Boon Edam, Automatic System, Faac, Kaba (Dormakaba), Gunnebo, Tescon, Bosch, Tyco (Johnson Controls), Avigilon (Motorola Solutions), BFT Automation
ICT(Active)		
1	Networking Switches and their associated components and accessories (transceivers, power supplies, etc.)	Cisco, Extreme Networks, HPE /Aruba, Juniper, Arista Networks, Huawei, Dell Technologies, NVIDIA Networking,
2	Wireless Controller and Wireless Access Points	Cisco / Extreme Networks / HPE (Aruba) / Juniper / Belden / Ruckus
3	Network Management System	Cisco / Extreme Networks / HPE (Aruba) / Juniper / Belden / Ruckus / Motadata / Everest / Solar Winds
4	Router	Cisco / Extreme Networks / HPE (Aruba) / Juniper / Belden / Ruckus / Checkpoint / Palo Alto / Netgear / Alcatel
5	Firewall	Cisco / Extreme Networks / HPE (Aruba) / Juniper / Belden / Ruckus / Checkpoint / Palo Alto
6	AAA Solution	Cisco / Extreme Networks / HPE (Aruba) / Juniper / Belden / Checkpoint / Palo Alto
ICT (Passive)		
7	CAT 6 A and its components like Patch Panel, I/O Module, Faceplate, RJ 45 Connector, Patch Cord of various length and all other accessories	Legrand / Belden / Commscope / AFL / Panduit–Pan Net / Siemon / Extron / Liberty AV / Kramer / Voltaic
8	Single Mode Fiber & Multi Mode Optic Cables of Various Core Capacities and their accessories– Wall Mounted or Rack Mounted LIUS, Patch Cords and Pigtails and other accessories	Legrand / Belden / Commscope / AFL / Panduit–Pan Net / Siemon / Voltaic

5. IP-PBX

Sl.No.	Material/Items	Approved Make
IP-PB Xand Accessories		
10	IP-PBX (Internet Protocol Private Branch Exchange) systems and their associated accessories	Cisco, NEC, Mitel, Avaya, Microsoft (Teams Phone System), Zoom Phone, Siemens, Grandstream,
11	IP phones, digital phones, analogue phones, and cordless phones	Cisco, NEC, Mitel, Avaya, Panasonic, Poly, Beetel, Grandstream, Yealink, Aastra / Mitel, Gigaset, AudioCodes
12	Main Distribution Frames (MDF) and Intermediate Distribution Frames (IDF) modules	Krone, CommScope, Belden, Panduit, Siemon, Tyco Electronics, Legrand

1. Audio Video System

a) Meeting room and other systems

Sr.No.	Material/Items	Approved Make
1	Video Conferencing Solution	Poly, Cisco, Barco, Panasonic, Philips, Microsoft (Teams), Yealink, Logitech, Crestron, Avaya
2	Wireless Presentation Solution	Barco, Atlona, Extron, Lightware, PureLink, Crestron, Mersive, BenQ, Kramer, Airtame, Logitech
3	Display (LED)	LG, Samsung, Panasonic, Sony, Barco, Christie, Absen, Daktronics, Planar, NEC Display Solutions
4	IPTV (Internet Protocol Television) systems	LG, Samsung, Panasonic, Sony, Amino Communications, Exterity, VITEC, Cisco, Harmonic
5	AV cable cubbies and pop-up boxes	Lightware, Extron, Crestron, Kramer, Atlona, FSR Inc, Connectrac (Legrand), Panduit, Vaddio (Legrand)
6	Face Recognition System (FRS)	Herta, NEC, Face First, Idemia, Suprema, Bosch, Hanwha Vision, Motorola Solutions (Avigilon / Pelco)



b) Auditorium Solution

A. Sound Reinforcement System

Sr.No.	Material/Items	Approved Make
1	Professional Audio System include Sound Reinforcement components such as main line arrays (FOH), FOH subwoofer arrays, front/lip fill loudspeakers, surround/delay loudspeakers, stage monitoring systems (floor wedges/side fills), control room nearfield/midfield monitors, and utility/distributed background music (BGM) systems for ancillary areas like the green room and passages.	Meyer Sound, K-Array, Renkus-Heinz, Harman, L-Acoustics, d&b audiotechnik, Adamson Systems Engineering, Martin Audio
2	4-Channel Professional Power Amplifiers	Labgruppen, Powersoft, Harman (via its Crown brand), Meyer Sound, L-Acoustics, d&b audiotechnik, Martin Audio, QSC
3	26-Channel Audio Mixing Console and Digital Audio Signal Processors (DSP)	Allen & Heath, Yamaha, Symetrix, Biamp, and Harman (via sub-brands like BSS Audio and Lexicon), Klark Teknik, QSC (Q-SYS), Extron, DigiCo, Midas
4	7.1 Channel Digital AV Processors	Harman (via JBL Synthesis/Lexicon), Yamaha, Emotiva, Trinnov Audio, Datasat Digital Entertainment, StormAudio, Acurus
5	Wireless and Wired Microphones	Shure, Sennheiser, Audio-Technica, DPA, Harman (via AKG), Aston, Neumann, Lectrosonics, Electro-Voice (EV)
6	Direct Injection (DI) boxes	Klark Teknik, Harman (via its Radial Engineering or dbx brands), Radial Engineering, Rupert Neve Designs (RND), Countryman, BSS Audio

7	Standalone, Professional-Grade Audio Junction Boxes or Stage Boxes	Harman, Allen & Heath, Yamaha, Klark teknik, Link (Link Srl), Whirlwind, ProCo Sound, Gepco
8	Microphone Stands	K&M (Konig & Meyer), Atlas Sound, Ultimate Support Systems
9	Standard Equipment Racks with Lockable Doors	Rittal, Panduit, APW-Vero President, APC (Schneider Electric), Middle Atlantic Products (Legrand AV), Chatsworth Products (CPI)
10	Signal Cables, Speaker Cables, Pro-Grade Connectors, PVC Conduits	Belden, Neutrik, Legrand, and Finolex/Jindal (for conduits), Canare, Mogami, Clark Wire & Cable
11	AV systems integrators possess the expertise to design & install robust custom audio infrastructure solutions, hold international certifications (like AVIXA CTS)	Actis Technologies Pvt. Ltd., Solutions India Systems Pvt. Ltd. (SISPL), Allwave AV Systems Pvt. Ltd., COLCOM, Sigma AVIT Technology Solutions, ANSATA



- B. DMX + RDM based intelligent LED stage lighting system, the core requirements involve sophisticated control, reliable bidirectional communication (RDM), and high-performance LED fixtures.**

Sl.No	Material/Items	Approved Make
1	Intelligent LED Stage Lighting Fixtures	Robe Lighting, Martin (by HARMAN), Chauvet (Professional series), Elation Professional
2	LED Wash Light with Zoom	Robe, Martin, Chauvet Professional
3	LED Static Wash Light	Robe, Martin, Chauvet Professional
4	LED COB Light	Chauvet Professional, ETC
5	LED Ellipsoidal Profile Spot Light	ETC (Source Four LED), Chauvet Professional
6	LED Fresnel Spot Light	ETC (Desire Fresnel), Chauvet Professional
7	Moving Head LED Profile Light	Robe, Martin, Ayrton
8	LED Moving Head Wash Light with Zoom	Robe, Martin, Ayrton
9	RGB Laser Light	Martin Professional (Aura series)
10	Haze Machines with fluid	Martin (by HARMAN), Robe Lighting, Chauvet (via their Professional or specific effect lines), MDG (MDG Fog Generators), Look Solutions
11	Window-Based Digital DMX/RDM Control System.	Harman (via Martin), Chauvet (via internal brands), ETC (Electronic Theatre Controls), Avolites, Pathport (Pathway Connectivity, part of Acuity Brands)
12	CPU (computer) running with ONYX Lighting Control Software Lifetime License	Harman / Obsidian / Martin Professional
13	Touch Control System with Smart Central Processing Unit	Crestron, AMX (Harman Professional), Extron, QSC (via Q-SYS)
14	4-channel DMX splitter (distribution amplifier)	Martin Professional (Harman), Chauvet Professional, ETC (Electronic Theatre Controls), Pathport (Pathway Connectivity), Leprecon
15	DMX cables, power cables, connectors, and PVC conduits	Belden, Neutrik, Legrand, Havells, Finolex, Polycab, Jindal Pro Grade Connectors - Neutrik (Mandatory for DMX / Power) DMX/Signal Cables - Canare / Mogami, Belden (Recommended cable standard) Power Cables - Havells, Polycab, Finolex, or Paramount PVC/Metal Conduits - Jindal, Finolex, or Legrand

A. LED Video wall & Display

Sl.No	Material/Items	Approved Make
1	LED Video Walls & Displays	LG, Samsung, Sony, Panasonic, Barco, Christie Digital Systems, Planar, Unilumin, NEC Display Solutions

B. AV Distribution & Control System

Sl.No	Material/Items	Approved Make
1	HDMI over HD Base T (HDBT) transmitter and receiver modules	Crestron, Extron, Atlona, Key Digital, AMX (Harman), Lightware, Aurora Multimedia
2	Quad multi-viewer (a device that can display four video inputs simultaneously on a single screen)	Extron, AMX (Harman), Crestron, Key Digital, Atlona, Lightware, Barco, Christie Digital Systems, Analog Way, Aurora Multimedia
3	Digital Podiums (in wooden or metallic frames)	Harman / AMX, Crestron, Key Digital, ATDSC, Agmatel, Kozen, Custom Fabrication (via AV System Integrator), Televic Conference, Smart (Legrand AV)
4	Wi-Fi Access Points and a 16-port Gigabit Ethernet Unmanaged PoE+ Switch	Cisco, Extreme Networks, HPE (Aruba), Juniper, Ruckus, Ubiquiti Networks, CommScope
5	HD IP PTZ Cameras and HDMI to USB Video Capture Recorders	Sony, Lumens, Vaddio, AMX (Harman), PTZ Optics, AJA Video Systems, Blackmagic Design
6	PC (Personal Computer) for Soft VC (Software-based Video Conferencing)	Dell, HP, Lenovo, Acer, Asus,
7	HDMI cables, CAT 6 cables, power cables, connectors, and PVC conduits	Belden, Neutrik, Legrand, Finolex, Jindal, Canare / Mogami, Havells / Polycab

C. General Lighting System

Sl.No	Material/Items	Approved Make
1	Architectural / Commercial and stage LED lighting	Wipro, Phillips (Signify), Havells, and the brands within Harman (Martin Professional) and Signify Color Kinetics, OSRAM (Siteco/Traxon brands), Acuity Brands (Lithonia Lighting), Legrand (Orient Electric in India)
2	LED COB Light (Stage/Pro)	Martin (Harman), ETC (Lustr series)
3	RGBW LED COB Light (Stage/Pro)	Martin (Harman), ETC (Lustr series), Chauvet
4	LED Exit Door Signage	Wipro, Havells, Philips / Signify
5	LED Strip Light	Wipro, Havells, Philips / Signify
6	LED Step Light	Wipro, Havells, Philips / Signify, Color Kinetics

A. Stage Craft System

Sl.No	Material/Items	Approved Make
1	Front View Stage Proscenium, Acoustic Ceiling for Stage, Stage Area Wall Panelling	Sound Xperts / Sound Rocks / Sound Box / Acoustiblok / Decoin / Decora / Design and Innovation
2	Stage Side Wings/ Legs, Stage Frills, MS Stage Light Bar, FOH Truss Light Bar, Split Horizontal Curtains, Self Support Extension Ladder for Stage Lighting System	Sound Xperts / Sound Rocks / Sound Box / Acoustiblok / Decoin / Decora / Design and Innovation
3	CAT Walkfor FOH Lighting System	Sound Xperts / Sound Rocks / Sound Box / Acoustiblok / Decoin / Decora / Design and Innovation
4	Front Split Horizontal Curtain, Rear Split Horizontal Curtain, Teak Wood Stage Flooring	Sound Xperts / Sound Rocks / Sound Box / Acoustiblok / Decoin / Decora / Design and Innovation

B. Acoustic Treatment of Auditorium Hall

Sl.No	Material/Items	Preferred Make
1	Wooden Grooved Sound Slates, Acoustic Stretch Fabric Paneling, Acoustic Doors, Polyester Acoustic Ceiling	Sound Xperts / Sound Rocks / Sound Box / Acoustiblok / Decoin / Decora / Design and Innovation / Envirotech Systems Ltd

C. Comfortable Auditorium Chairs & Carpet

Sl.No	Material/Items	Preferred Make
1	comfortable sponge folding auditorium chairs	Ferco Seating, Little Nap, Liv-N-Sedia, Figueras, Irwin Seating Company, Quattro by Race Furniture
2	Floor Carpet	Response / Nexgen / Acoustiblok / Happho / Decoin / Welspun

1. Building Management System

Sr.No.	Material/Items	Preferred Make
1	Server&Operation Workstation	HP/Dell/IBM
2	Operation Work station Software/DDC Controllers(IP Based)/System Integration Units	Honeywell/ Controls/Siemens/Schneider Electric
3	Temperature Sensor/Immersion Temperature With Thermowell/ Pressure Sensor/ Differential Pressure Switches/ T+Rh Sensors(Combo Sensor)/ Indoor Air Quality Sensors/ Differential Pressure Transmitters/ Outside Temperature+Humidity Sensor/ Ultrasonic Type Btu Meter With Match Pair Sensors/Level Switches/Air Velocity Sensor(Multi Probemultipoint)/Water Hardness Analyzer/P.H./Chlorine Analyzer/Tds&Do Sensor/CO 2 Sensor(Indoor/Outdoor)/SO 2 Sensor/Hydrogen Sensor	Dwyer/Greystone/Honeywell/Kele/ Ambetronics/Siemens/ Controls/Schneider Electric/Sontay/Landis&Gayer/Kamstrup/Ambetronics/Filpro/Levecon/T si- Usa/Hach/Lumex/Polymetron/Thermo/Forbes Marshall/Triton/Hach
4	DDC Controller Enclosure(Indoor-IP 54/Outdoor-IP 66)	Arrow Engineers/New Electricals/Power Control Engineering/Rittal/Scoot Engineering/Shrinath Enterprises/Sterling&Wilson/Square"D"Automation/Zenith Engineering/ SPC Electrotech, /Precision/BCH
5	BMS Communication Cable/Signal Cables/Control/Power Cables	Caliplast/Finox/Kenter/Neolex/Polycab/Technoflex/Excel/Batra Henley/Bonton/Legrand/Belden/Fusion/Delton/Nordex/Southwest Wire &Cable/ Adhunik/ESC/Adsel
6	Waterleakand Digital Rodent Repellent System	Maser Electronics/C-System/Rscat/TTK/Tyco/n Vent
7	Printer	Brother/HP/Cannon/Sharp/Epson/N EC/TVSE
8	Anyother item	Asper themakelistofothersubhead

	HVAC SYSTEM	
1.	Chiller	TRANE/CARRIER/YORK/DAIKIN
2.	Online Scale Preventer	SCALEGUARD/CRYSTALLO/SUPERMO/ELGRERRY
3.	Electronic Air Filtration System/Air Purification System/UVGI	HONEYWELL/ZECO/AEROPURE/INTELLIGREEN/SIGNIFY/ULTRAPURE/Airultra
4.	VRV/VRF System	DAIKIN/CARRIER/MITSUBISHI/HITACHI
5.	Cooling Tower	BELL/PAHARPUR/MIHIR
6.	Air Handling Units & TFA: Air Handling Units (Eurovent / AHRI Certified) / FCU	ZECO/AIRCON/CRYSTALAIR/WAVES/MTS/EDGETECH/CASTLE
7.	Filters	MECHMARK/THERMADYNE/ANFILCO
8.	Plate Heat Exchanger	GEA/ALPHA/KELVION/THERMAX
9.	Air Washer/Scrubber	ZECO/WAVES/HUMIDIN/AIRFLOW/DAMAIR/AMBESSE DOR/E-FLOW
10.	Wet/Dry Scrubber	ZECO/AIRFLOW/DUSTECH/AIRWAVES/HUMIDIN/DAM AIR/AMBESSE DOR/E-FLOW
11.	Axial Flow Fan	NICOTRA/KRUGER/AIRFLOW/CRYSTAL/SYSTEMAIR/EFLOW/
12.	Inline Fan	KANALFLAKT/KRUGER/AIRFLOW/WOLTER
13.	G.I.Pipes	TATA/JINDAL-HISSAR/SAIL/APLAPOLLO
14.	M.S Pipes	TATA/JINDAL-HISSAR/SAIL/APLAPOLLO
15.	UPVC/PVC Pipe	SUPREME/ASTRAL/FINOLEX/ASHIRWAD/ ARS GOLD/Ashish Pipe/ Jaybro
16.	Copper Pipe	RAJCO/MANDEV/ RR Shramik.
17.	Motorised/Non-Motorised Valves	SKS/ADVANCE/ZOOTO/DANFOSS/CASTLE/HONEYW ELL/SIEMENS
18.	Pot/Y-Strainer	SKS/ADVANCE/ZOOTO/DANFOSS/CASTLEAXIN/EME RALD/HONEYWELL/CIM/SIEMENS
19.	Control Valve(2-Way)Valve With Proportionate Thermostat/Sensor&Co ntroller/PICV	SKS/ADVANCE/ZOOTO/DANFOSS/CASTLEFLOWCO N/AXIN/EMERALD/HONEYWELL/CIM/SIEMENS/NEXUS /BALLOREX
20.	Actuators&Modulating Motors	DANFOSS/HONEYWELL/ SCONTROL/FLOWCON/BELIMO
21.	Pressure Gauge /Thermometer	H.GURU/EMERALD/ ANERGY/AXIN
22.	Flow Switch	EMERALD/ANERGY/HONEYWELL/SIEMENS/AXIN
23.	Air Vent Valve	SKS/BELIMO/ZOOTO/HONEYWELL/DANFOSS/FREE SE/SIEMENS
24.	Flexible Connection	RESISTOFLEX/EMERALD/KANWAL/AXIN
25.	Expansion Tank	ANERGY/EMERALD/RAPIDCOOL/FLAMCO
26.	Air Separator&Dirt Separator	ANERGY/EMERALD/RAPIDCOOL/FLAMCO
27.	Pressurization Unit &Side Stream Filtration	ANERGY/EMERALD/RAPIDCOOL/FLAMCO/LAKOS
28.	VFD	SIEMENS/ABB/FUJI/BELIMO/SCHNEIDER/Lauritz Knudsen/DANFOSS
29.	Btu Meter	KAMSTRUP/SHENITECH/SONTAY/ROSSWEINER
30.	G.I.Sheets/MS Sheet Ducts	TATA/NIPPON/SAIL/JSW
31.	Factory Fabricated Ducts	ZECO/DUCTOFAB/DUSTECH/WAVES/DAMAIR/CRYST ALAIR/PIONEERAIRTECH/ROLASTAR/IQRA

32.	Grilles/Diffusers/VCD/Lo uvers	MAPRO/CYNOR/SYSTEMAIR/CARYAIRE/AIRFLOW/RE YNOARCH/
33.	Fire Dampers/Back Draught Dampers	CYNOR/MAPRO/SYSTEMAIR/CARYAIRE
34.	Actuators For Fire Dampers	BELIMO/SIEMENS/HONEYWELL/SCHNEIDER
35.	Air Curtain	MAGNETO/DYNAMICENGG./BECON/BTS
36.	Thermostats	DANFOSS/BELIMO/SIEMENS/HONEYWELL/EMERALD
37.	CO/CO 2 Sensor	DANFOSS/HONEYWELL/ SCONTROL/SEIMENS
38.	Steel Wire Rope Hangers&Supports	GRIPPLE/ZIPCLIP/DOBBYGRIP
39.	Grooved Coupling&Fitting	VICTAULIC/Love Joy ASPERTECHNICALSPECIFICATIONS
40.	Expanded Polystyrene	STYRENEPACKAGING/BEARDSELL/LLYOD
41.	PUF Pipe Supports	MALANPUR/LLOYD
42.	Nitrile Rubber/Xlpe	SUPREME/ARMACELL/AEROLAM/ALP
43.	PUF Slabs	MALANPUR/LLOYD/
44.	Glass Wool	TWIGA/OWNCORNING/KIMMCO
45.	All Pumps	GRUNDFOSS/XYLEM/ARMSTRONG/LUBI
46.	Ahu/Fan	MARATHON/ABB/KIRLOSKAR/SIEMENS
47.	Switchgear	SCHNEIDERELECTRIC/ABB/SIEMENS/LARSEN &TURBRO/LEGRAND/HAVELLS.
48.	Hot Water Generator	RAPIDCOOL/SANDHU/EMERALD/KEPL
50.	Fan Coil Unit&Cassette Unit	SINKO/TRANE/CARRYAIRE/AERMEC/VTs
51.	VRV	DAIKIN/HITACHI/O-GENERAL/MITSHUBISHI/BLUSTAR
52.	Expansion Bellows	RESISTOFLEX/EASYFLEX/AREAFLEX/DUNLOP/AXIN/ CASTLE
53.	Suction Guide With Strainer	ANERGY/ARMSTRONG/EMERALD/AXIN/ZOLOTO/CAS TLE
54.	Ultrasonic BTU Meter	BELIMO/SIEMENS/HONEYWELL/SHENITECH
55.	Rh Sensor	BELIMO/HONEYWELL/SIEMENS/OMICRON/JHONSON CONTROLS/SCHNEIDER/HAVELLS
56.	Pressure Gauge	FEIBIG/H.GURU/EMERALD/DANFOSS/HD
57.	Differential Pressure Switch	SIEMENS/RAPIDCONTROL/SANT/HONEYWELL/ JHONSON/SCHNEIDER
58.	Thermometers	/, FEIBIG/H.GURU/EMERALD
59.	Auto Air Vent	ANERGY/RAPIDCOOL/OVENTROP/EMERALD/CIM
60.	Plug Valve	ANERGY/RAPIDCOOL/AUDCO/ ADVANCE/ZOLOTO
61.	Protective Coating Over Insulation (Lag Coating)	PIDILITE/FOSTER/IDENDAN/CISBOND/ ECMAS
62.	Resinbonded Glass Wool Acoustic Insulation	UPTWIGA/OWENSCORNING/KIMMCO/K-FLEX
63.	Nitrile Rubber/EPDM Insulation	SUPREME/K-FLEX/SUPERLAN/ARMACEL/AEROCELL
64.	Insulation Adhesive	PIDILITE/FOSTER/CISBOND/HENKEL
65.	Propeller Fans	KRUGER/GE/CROMPTON/KHAITAN/ALSTOM/BAJAJ/
66.	Heat Recovery Wheel Units	DRI/ENVENTUS(OSTBERG)/FLAKTWOODS
67.	Heat Pipe	HPT/VTs

68.	Vibration Pads/Isolator	EASYFLEX/RESISTOFLEX/DUNLOP/KANWAL/ flexionics
69.	Duct Supports	GPL/GRIPPLE/EASYFLEXZIP-CLIP/DUCTMATE
70.	FCU Link/Kit	ATS(CSI)/OVENTROP/CIM/CALEFFI
71.	Sound Attenuator	RUSKIN/SYSTEMAIR/TROX
	Heavy Duty Pipe Support Clamps	Hira Arosio
S.NO.	DESCRIPTION	APPROVEDMAKE
72.	Demand Ventilation– Equipment/Motorized Assembly/Integrator	GLENSTORM/TRISTAR/CYNOR/TROX
73.	UVCI	UNIVERSALUVSOLUTIONS/UVTRONIX/SUPCO
74.	Copper Refrigerant Pipe	CAMIPRO/RAJCO/MANDEV/MEHTATUBES(MAXFLOW)/QUALITYTUBES/ RR Shramik
75.	Chilled Water Hi- Wall&Cassette	CARYAIRE/EDGE TECH/VOLTAS/CARRIER/MITSUBISHI /DAIKIN/BLUESTAR
76.	Flexible Duct Connection	UPTWIGA/CARYAIRE/ATCO/PYROGUARD/ROLASTAR
77.	Aluminium Sheet	NALCO/HINDALCO/BALCO/VEDANTA/VIRGO
78.	UV Protectionover XLPE/Nitrilerubber	Poly Band, Amicol
79.	FIRESEALANTS	BIRLA 3 M
80.	Adhesive	Supreme, Paramount, Thermaflex
81.	Copper Pipe	Maxflow, Rajco, Mandev/ RR Shramik
82.	Grille/Diffusers	Mapro, Tristar, System Air
83.	Volume Control Damper	Mapro, Tristar, System Air
84.	Fire Damper	Mapro, Tristar, System Air
85.	Expanded Polystyrene(TF Quality)	Beardsell, Styrene Packaging, PR Packaging
86.	Glass Wool	UP Twiga, Owen Corning
87.	Nitrle Rubber	Armocell, K Flex, A Flex
FURNITURE ITEMS		
88.	General Furniture (Modular) – Tier-1 Manufacturers Only	Godrej Interio / Durian / Steelcase / Haworth / Featherlite / HNI India (Formerly HNI-Haworth Joint Venture) / Vitra (India Operations), Brown crust/ Royalsafe / Qiah/E3/ Uflix/ AIS/Neelkamal/Urbangrey/Siddhi Enterprises/ Makerman/Canbee/Redmond , Arterior Infrsolutions (AIS), Brown crust, Canbee, Uflix,
89.	Modular Kitchen & Wardrobe Manufacturers – Tier-1 Manufacturers Only)	Godrej Interio / Durian / Brown crust/ Royalsafe / Qiah/E3/ Uflix/ AIS/Neelkamal/Urbangrey/Siddhi Enterprises/ Makerman/Canbee/Redmond
NOTE: Furniture items shall be procured only from Tier-1, primary manufacturers listed above. The contractor shall submit product catalogues, factory certification, and BIFMA/ISO compliance for verification. Tier-2 manufacturers or local fabricators shall be used.		