

# MAKE OF MATERIALS

## LIST OF APPROVED MAKES FOR

### LIST OF APPROVED CIVIL MATERIALS / BRANDS FOR BUILDING WORKS

Sr. No.	Item	Approved Make
1.	Cement –SRC	Ultratech, Ambuja, Siddhi ,Wonder Cement
2.	Reinforcement Steel-Fe 500 SRS	Tata-Tiscon, Vizag, SAIL, Essar, Electro TMT, ASR
3.	Structural Steel	Tata, SAIL, Essar, ASR
4.	Water proofing Compounds	Krishna Concacre, Pidillite, Fosroc, Roffe, CICO or equivalent
5.	Hardeners	'Ironite', 'Ferrok', 'Hardonate'or equivalent
6.	Plastic emulsion Paints : Interior	Jotun, Asian Paints, ICI Dulux
7.	Red Oxide (For IPS Flooring)	'Shalimar', 'Garware'or equivalent,
8.	Premium Quality Weather proof paint : Exterior	Jotun jotashield, Apex ultima, Dulux weather shield
9.	Glass/ Structural Glass	Saint Gobain LOW-e, ASAHI
10.	Ceramic Tiles	Johnson, Somani, Asian, or as approved by consultant.
11.	Vitrified Tiles (Note : Vitrified Tiles shall have to be whole body homogenous & Matt finish)	Johnson, Somani, Asian, or as approved by consultant.
12.	Stone	Mirror polished kota, Machine cut river polished granite, as approved by consultant
13.	Water proofing Membrane type	As per specification & as approved by Consultant
14.	Aluminum Sections for Doors/Windows	Jindal, Bianco or as approved by Consultant/Client
15.	Teak Wood	Ghana Teak Wood as approved by Consultant/Client
16.	Ply Wood	Century, Greenply, Marino
17.	Marine ply	Century, Greenply, Marino
18.	PVC Tank	Syntex or as approved by Consultant/Client
19.	Anti termite materials	Chlorophyriphos or materials as approved by Consultant/Client
20.	Adhesive for tiles fixing	ArdexAndura, MRF
21.	Hardware	Heltich, Dorma, Doorset, Ozone as approved by consultant
22.	Expansion joint sil flex(cap cell HD 100)	Supreme industries, Softex industries pvt.ltd. Bengal bitumen
23..	Rolling shutters	Rama shutter.co. , Akash shutter, Olympic rolling shutters
24.	Dowelling and rebarring	Hilti system or Equivalent as approved by consultant
25.	White Cement putti	Birla white cement, J K Wall putti
26.	Quartz manufacturer	Classic marble company,jayantilal& sons or as approved by consultant
27.	Stainless steel railing	Ozone, Kitch, Orbit or as approved by consultants
28.	Structural and spider glazing	Dorma, Ozone
29.	Glass railing	Ozone pvt.ltd., Kitch or as approved by consultants
30.	Cubical partition system for restroom	Merino-Bosco.co. or as approved by consultants
34.	Exterior Texture	JotunUltraTEX, Asian- duracast
35.	Epoxy paint	Nerolac, Shalimar, Cico, Dubond, Berger, Asian

**LIST OF APPROVED PLUMBING MATERIALS / BRANDS FOR BUILDING WORKS**

Sr. No.	Item	Approved Make
1	SWR PVC PIPE & FITTINGS 6 KG CM <sup>2</sup> ; FITTINGS : 6 KG CM <sup>2</sup> ECO. DRAIN PIPE & FITTINGS	FINOLEX /PRINCE SUPREME/ ASTRAL
2	GULLY TRAP	GIRCO / TIRUMALA / SUPREME/ ASTRAL
3	RCC HUME PIPES EXTERNAL MAIN UNDER GROUND PIPE	INDIAN HUME PIPE / PRANALI
5	C.I. PIPE & FITTINGS	NICO OR EQ.
6	PPR PIPES & PPR FITTINGS	SUREME/PRINCE/
7	M.S/G.I. PIPES FOR WATER SUPPLY	TATA / JINDAL/ SWASTIK
8	ASTM/CPVC PIPE & FITTINGS FOR WATER SUPPLY	ASTRAL / SUPREME/ASHIRWAD /
9	COMPOSITE PLUMBING PIPE & COMPOSITE FITTINGS	KITEC OR EQ.
10	G.I. PIPES FITTINGS WATER SUPPLY	DRP-M / R-BRAND / ZOLOTO
11	GI TO GI JOINTS	CHAMPION / EQUIVALENT
12	SOLVENT CEMENT	SUPREME / KISSAN / FINOLEX
13	BALL VALVES	LEADER / ZOLOTO / AUDCO
14	WHEEL VALVES	LEADER / ZOLOTO/AUDCO
15	DCV / NRV	ZOLOTO/SPIREX/AUDCO
16	TAR	SHALIBIND / TIKIBOND-BS
17	SELF PRIMING SEWAGE PUMPS	HBD / GRUNDFOS
18	VALVES	AUDCO/ZOLOTO / R.B. / KBL / KSB
19	PUMPS	KIRLOSKAR / GRUNDFOSS/
20	STARTER	SIEMENS / L&T
21	PRESSURE GAUGE	BELLS / H GURU
22	BOTTLE TRAP & WASTE COUPLING	GROHE / JAQUAR / KOHLER
23	DEWATERING PUMPS	GRUNDFOSS/KIRLOSKAR/ KSB
24	HYDROPNEUMATIC SYSTEM	GRUNDFOSS OR EQUIVALENT
25	SANITARY FIXTURES	HINDWARE / PARRYWARE / CERA /KOHLER
26	PLUMBING FITTING	GROHE / JAQUAR / KOHLER or as approved by consultants.
27	METALLIC BELLOWS	BELLOW FLEX / PRICISION / DHRUV / B.D. ENGR.
28	R.O.PLANT	ION EXCHANGE /POWER H20 / THERMAX
29	SOFTENER PLANT	ION EXCHANGE /POWER H20 / THERMAX
30	SOLAR SYSTEM	SOAHEART/RACOLD/TATA-BP
31	ELECTRIC GEYSER	A-O SMITH/ RACOLD/SPHERHOT
32	HOT WATER GENERATOR	THERMAX/A.O.SMITH / KEPL/ BENCHMARK OR EQUIVALNET
33	SEWAGE TREATMENT PLANT	THERMAX / ION EXCAHNGE / EQUIVALNET

The successful tenderer shall have to use the makes from above only after approval of client consultant

Consultant/Client is ask to choose any make from above. Any other item which has not mention in make list, consultant/Engineer-in-charge is final authority to suggest.

**LIST OF APPROVED ELECTRICAL MATERIALS / BRANDS FOR BUILDING WORKS**

<b><u>SR NO.</u></b>	<b><u>ITEM</u></b>	<b><u>APPROVED MAKE</u></b>
<u>1</u>	Capacitor (APP / Heavy duty type)	Havells, Epcos, Subodhn, Schneider, Matrix
<u>2</u>	Main Cables Upto 185 Sq.mm	XLPE armoured cable for 1.1 KV Polycab, Havells, RR Kabel, Avocab
<u>3</u>	Main Cables Above 185 Sq.mm	XLPE armoured cable for 1.1 KV Polycab, Havells, RR Kabel, Avocab,
<u>4</u>	Glands	Double Compression type, Siemens type with rubber ring and double washers. – Comet, Standard Metal Industries
<u>5</u>	Distribution Boards	Legrand, Schneider, MK, Mitsubishi
<u>6</u>	MCBs	Legrand-DX3, MK, Schneider, Mitsubishi
<u>7</u>	MCCB	Legraand DPX/DPX <sup>3</sup> , Schenider NSX, Mitsubishi
<u>8</u>	ACB (Should have inbuilt power metering)	Legrand DMX <sup>3</sup> (MP4 release), Schenider Masterpact (NT release), Mitsubishi
<u>9</u>	Switches & Its accessories	MK Blenze, Legrand Myris, Schenider Zenselo,
<u>10</u>	Flexible Wires (FRLS)	Polycab, Havells, Lapp INFRA
<u>11</u>	Light Fixtures	Lighting Technology, Crompton, Ensava – Approved model only.
<u>12</u>	Chemical type earthing	Erico, Rapid, Doksun, Greenwire
<u>13</u>	Cat-6	Legrand, Schneider, D-link, Havells
<u>14</u>	Meter (Digital)	Elmeasure, Legrand, SEMS, Conzerv, HPL
<u>15</u>	PVC PIPE & Accessories	1.6-1.8 mm wall thickness ISI & FIA approved & manufactured from virgin <sup>4</sup> material. Precision plastic industries, Polycab, Nihar, Vraj
<u>16</u>	Raceway	MK, Legrand
<u>17</u>	Lightening Arrestor	Rapid, Doksun
<u>18</u>	PA System / Music System	Stone Water, JBL, Australian Monitor, TOA, Tennoy
<u>19</u>	CCTV	Pelco, Honeywell, Jhonson control
<u>20</u>	Fire Alarm System	Honeywell-notifier, Pelco, Siemens

<u>21</u>	Projector	Epson, Sony, Panasonic
<u>22</u>	Panel Vendor	Active Engineers, Swati switchgear, Dynamic Control

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