



Gujarat University

MATERIAL MAKE LIST

Tender No: GU/ESTATE/CC/2024/09

**Tender Document
Of
Electrical ,HVAC & Misc. work for
Convention & Exhibition Centre At
Gujarat University, Ahmedabad**

LIST OF APPROVED CIVIL MATERIALS / BRANDS FOR BUILDING WORKS

Sr. No.	Item	Approved Make
1.	Cement –SRC	Ultratech, Ambuja, Siddhi ,Wonder Cement, NIRMAX
2.	Reinforcement Steel-Fe 500 SRS	Tata-Tiscon, Vizag, SAIL, Essar, Electro TMT, ASR, Gallant
3.	Structural Steel	Tata, SAIL, Essar, ASR
4.	Water proofing Compounds	K2,Krishna Concare, Pidillite, Fosroc, Roffe, CICO or equivalent
6.	Plastic emulsion Paints : Interior	Jotun, Asian Paints, ICI Dulux
8.	Premium Quality Weather proof paint : Exterior	Jotunjotashield, Apex ultima, Dulux weather shield
9.	Glass/ Structural Glass	Saint Gobain LOW-e, ASAHILOW-e
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
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
20.	Adhesive for tiles fixing	ArdexAndura,MRF
25.	White Cement putti	Birla white cement, J K Wall putti
27.	Stainless steel railing	Ozone, Kitch, Orbit or as approved by consultants
29.	Glass railing	Ozone pvt.ltd., Kitch or as approved by consultants
31.	Exterior Texture	JotunUltraTEX, Asian- duracast
32.	Epoxy paint	Nerolac, Shalimar, Cico, Dubond, Berger, Asian
33.	Multi-cell Polycarbonate Sheet	Danpalon, DPI Daylighting, Tuflight, Coxwell

LIST OF APPROVED PLUMBING MATERIALS / BRANDS FOR BUILDING WORKS

Sr. No.	Item	Approved Make
1	SWR PVC PIPE & FITTINGS 6 KG CM ² ; FITTINGS : 6 KG CM ² 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 H2O / THERMAX
29	SOFTENER PLANT	ION EXCHANGE /POWER H2O / 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

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

SR NO.	ITEM	APPROVED MAKE
1	Capacitor (APP / Heavy duty type)	Havells, Epcos, Subodhn, Schneider, Matrix
2	Main Cables Upto 185 Sq.mm	XLPE armoured cable for 1.1 KV Polycab, Havells, RR Kabel, Avocab
3	Main Cables Above 185 Sq.mm	XLPE armoured cable for 1.1 KV Polycab, Havells, RR Kabel, Avocab,
4	Glands	Double Compression type, Siemens type with rubber ring and double washers. – Comet, Standard Metal Industries
5	Distribution Boards	Legrand, Schneider, MK, Mitsubishi
6	MCBs	Legrand-DX3, MK, Schneider, Mitsubishi
7	MCCB	Legraand DPX/DPX ³ , Schenider NSX, Mitsubishi
8	ACB (Should have inbuilt power metering)	Legrand DMX ³ (MP4 release), Schenider Masterpact (NT relese), Mitsubishi
9	Switches & Its accessories	MK Blenze, Legrand Myris, Schenider Zenselo,
10	Flexible Wires (FRLS)	Polycab, Havells, Lapp INFRA
11	Light Fixtures	Lighting Technology, Crompton , Ensave – Approved model only by consultant
12	Chemical type earthing	Erico, Rapid, Doksun, Greenwire
13	Cat-6	Legrand, Schneider, D-link, Havells
14	Meter (Digital)	Elmeasure, Legrand, SEMS, Konzerv, HPL
15	PVC PIPE & Accessories	1.6-1.8 mm wall thickness ISI & FIA approved & manufactured from virgin4 material. Precision plastic industries, Polycab, Nihar, Vraj
16	Raceway	MK, Legrand
17	Lightening Arrestor	Rapid, Doksun
18	PA System / Music System	Stone Water, JBL, Australian Monitor, TOA, Tennoy

19	CCTV	HONEYWELL/CP PLUS/TP-Link/ BOSCH/ AXIS / VIVOTEK or Equivalent
20	Fire Alarm System	Honeywell-notifier, Pelco, Siemens
21	Panel Vendor	Active Engineers, Swati switchgear, Dynamic Control
22	Indoor Wireless Access Points	Hp / Cisco / Juniper
23	Rack With Accessories	Apw/Rittal/Netrack
24	Cable Manager	Apw/Rittal/Netrack
25	6 Core Single Mode Multitube Fiber Cable Armoured Lszh	Molex / Tyco / Legrand
26	24 Port Fiber Liu Loded - Single Mode	Molex / Tyco / Legrand
27	Layer 2 Fully Managed Networking Switch	Hp / Cisco / Juniper
28	Ups	Emersion / Apc / Eaton
29	Wall mount speaker	Workpro - neo 5, Logis system , Functionone, Bose
30	Sound power Amplifier	Workpro - PA 120/USB, Logic system , Function one, CKS Acoustics
31	Diversity single channel wireless system	Workpro - WRD 1100 AF/2, Beyerdynamic , Clock Audio
32	Microphone	Workpro - XP20, Clock Audio , Beyerdynamic, Sure
33	Projector	Epson - X05 , Barco , Christie , Sony, Panasonic
34	Projection Motorized Screen	Harmonic Vibes , liberty , da-lite
35	Speaker cable 2.5X5.0 MM	MX . Kramer , Belden, Crestron
36	AUDIO cable	MX , kramer , belden, Crestron
37	HDMI cable	MX , Kramer , Extron, Crestron

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 MAKES FOR ELV WORKS

Sr.No.	Product	Approved Make List
1	Projector	Panasonic / Christie / Barco
2	Projection Screen	Suvira / Harkness / Libery
3	Ceiling Mount Kit	Standard
4	HDMI Switcher	Extron / Rampo / Key Digital
5	HDMI Extender Set	Extron / Rampo / Key Digital
6	HDMI Face Plate	Extron / Rampo / Key Digital
7	HDMI Cables	Purelink / Rampo / Extron
8	Gooseneck Microphone	Shure / CKS Acoustics / CAD Audio
9	Wireless Microphone	Shure / CKS Acoustics / CAD Audio
10	Audio Mixer	Allen & Heath / CKS Acoustics / Midas
11	Wall Mount Speaker	CKS Acoustics / Quest Audio / LD System
12	Monitor Speaker	CKS Acoustics / Quest Audio / LD System
13	Power Amplifier	CKS Acoustics / Quest Audio / LD System
14	System Rack	Valrack / Elixir / APW President
15	Speaker Cable	Belden / CKS Acoustics / Draka
16	Microphone Cable	Belden / CKS Acoustics / Draka
17	CAT-6 Cable	D-Link / 3C3 / Digilink
18	Chairman Unit	CKS Acoustics / Shure / CAD Audio
19	Delegate Unit	CKS Acoustics / Shure / CAD Audio
20	Control Unit	CKS Acoustics / Shure / CAD Audio
21	Video Conference System	Clearone / Lumens / Yealink
22	Interactive Display	Panasonic / CKS Acoustics / Planar
23	Table Top Speaker cum Microphone	Shure / Clearone / Yealink
24	Wireless IR Microphone	Shure / CKS Acoustics / CAD Audio
25	Display	Panasonic / CKS Acoustics / Planar
26	POP UP Box	Extron / Rampo / Key Digital

HVAC WORK MAKE LIST

Equipment / Materials	Manufacturer's Name
Variable Refrigerant Volume/Flow system	Carrier/Mitsubishi Electric/Toshiba/ O 'General/Bluestar
NON-VRF Air Conditioner system	Carrier/Mitsubishi Electric/Toshiba/ O 'General/Bluestar
Air Handling Units	Citizen/Edgetech /Nutech/VTS/Zeco/ Ethos
Ventilation Fans	Kruger/ Nicotra / Systemair/ebm-Nadi/Green tech/Air Product
G.I.Sheets for ducting	SAIL/Tata/Jindal/Essar
Grilles & Diffusers	Ravistar/Airmaster/Airproduct /Cosmos/Dynacraft/Air Dynamics
Fire Dampers	Carryaire/Systemair / Ajanta/Ravistar
Expanded Polystyrene	Beardsell/Thermowell/Thermopack /Cooline
Fibre glass material	UP Twiga/KIMMCO /Owvencornings
Closed cell elastomeric nitrile rubber	Armaflex/A-flex/K-flex/Superlon
Copper pipe	RR/Rajco/Totaline/Maxflow
Drain pipe	Prince/Supreme
TIMER	Venus/Dynamic/Smart Controller
MCCB	ABB/GE/L&T/MDS Legrand/Schnider/Siemens
MCB	ABB/GE/Schneider(MG) /Hager-L&T /MDS Legrand
Contactors, Overload relay	Schneider(MG) /GE /L&T/Simens/ABB
Motors	Kirloskar/CromptonGreaves/Bharat Bijlee /NGEF/ABB
Selector Switches	Kaycee /Tecnic
Current transformers	TELK/Kappa/Indcoil
Metering Instruments -Digital	ABB/EI /IME/L&T/Secure/Nippen/Schneider
Indicating lamps & Push Button	GE/Schneider/ Teknik/L&T/Altos
Cables	Polycab/Universal/Gloster/RR/Finolex/Nicco/Torrent
Controls	Honeywell/Sauter/Johnson/ Siemens/TAC/Trane
Vibration isolators	Dunlop/AVM/Ferolastic/Resistoflex
Air curtain	ACME/Tristar/NEC/R-Tek/Air curtain
Propeller fan	GEC/Khaitan

LIST OF APPROVED MAKES FOR FIRE FIGHTING EQUIPMENT & MATERIALS

EQUIPMENT/ MATERIALS	MANUFACTURER'S NAME
FIRE EXTINGUISHER, HOSE PIPE, GUN METAL BRANCH PIPE, FIRST AID FIRE HOSE REEL, FIRE HOSE CABINET	SAFEX, MINIMAX, KANEX OR EQUIVELENT or Equivalent
PUMPS	PRECESSION, KIRLOSKAR, WILLO or Equivalent
ELECTRICAL PANEL	STANDARD FABRICATION.CPRI APPROVED or Equivalent
PRESSURE GUAGE	FIEBIG,HGURU, BUMER EQUIVELENT or Equivalent
PRESSURE SWITCHES	INDOFOSS, DENFOSS or Equivalent
FABRICATION (SQUARE, RECTANGLE, CIRCULAR PIPES AND PLATES ETC)	JINDAL, TATA, ASIAN or Equivalent
VALVE	AUDCO, INTERVALVE,SARKA, ZOLOTO or Equivalent
AIR RELEASE VALVE	SANT, ZOLOTO, LEADER or Equivalent
SIGNAGE'S	PROLITE, EVECAB or Equivalent

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.

SPECIAL NOTE :Contractors intending to supply other makes of materials than the ones listed above shall indicated clearly the makes in their offers highlighting the salient features and advantages of that make supported by catalogues. The right of accepting such makes rests with the consultants.