



Gujarat University

MATERIAL MAKE LIST

Tender No: GU/ESTATE/EAC/2020-21/03

**TENDER DOCUMENT
FOR
ELECTRIFICATION AND EXTENSION OF H.T. POWER
AND ALLIED WORKS AT GUJARAT UNIVERSITY**

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
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	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
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
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	HT VCB	Schneider, ABB ,Siemens
3	Main Cables-XLPE armored cable for 1.1 KV	Polycab, Havells, RR Kabel, Avocab, KEI
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, L&T
7	MCCB	Legraand DPX/DPX ³ , Schenider NSX, L&T
8	ACB (Should have inbuilt power metering)	Legrand DMX ³ (MP4 release), Schenider Masterpact (NT release), Siemens, L&T
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, Conzerv, HPL
15	PVC PIPE & Accessories	1.6-1.8 mm wall thickness ISI & FIA approved & manufactured from virgin4 material. Precision plastic industries, Polycab, Nihir, 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/ BOSCH/ AXIS / VIVOTEK
20	Fire Alarm System	HONEYWELL / SIEMENS/ TYCO / EDWARDS / JOHNSON & CONTROL.

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	DECORETIVE LIGHTING	VIZION / ENDO / WIPRO / PHILIPS
30	DG SET	Sudhir, Crompton Greeves, Mahindra
31	Transformers	Voltamp, ABB, Reychem
32	HT Cable Kit	3M, Reychem

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
PUMPS	PRECESSION, KIRLOSKAR, WILLO
ELECTRICAL PANEL	STANDARD FABRICATION.CPRI APPROVED
PRESSURE GUAGE	FIEBIG,HGURU, BUMER EQUIVELENT
PRESSURE SWITCHES	INDOFOSS, DENFOSS
FABRICATION (SQUARE, RECTANGLE, CIRCULAR PIPES AND PLATES ETC)	JINDAL, TATA, ASIAN
VALVE	AUDCO, INTERVALVE,SARKA, ZOLOTO
AIR RELEASE VALVE	SANT, ZOLOTO, LEADER
SIGNAGE'S	PROLITE, EVECAB

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.