



Gujarat University

MATERIAL MAKE LIST

Tender No: GU/ESTATE/DGDG/2020-21/02

**Tender Document
For
Construction of Department of Genetic
Counselling, Diagnosis and Genome analysis 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

| <u>SR NO.</u> | <u>ITEM</u> | <u>APPROVED MAKE</u> |
|----------------------|--|---|
| <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 ³ , Schenider NSX, Mitsubishi |
| <u>8</u> | ACB (Should have inbuilt power metering) | Legrand DMX ³ (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 , Ensave – Approved model only by consultant |
| <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, Konzerv, HPL |
| <u>15</u> | PVC PIPE & Accessories | 1.6-1.8 mm wall thickness ISI & FIA approved & manufactured from virgin4 material. Precision plastic industries, Polycab, Nihir, 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 | HONEYWELL/ BOSCH/ AXIS / VIVOTEK |

| | | |
|-----------|---|---|
| <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 |
| <u>23</u> | Indoor Wireless Access Points | Hp / Cisco / Juniper |
| <u>24</u> | Rack With Accessories | Apw/Rittal/Netrack |
| <u>25</u> | Cable Manager | Apw/Rittal/Netrack |
| <u>26</u> | 6 Core Single Mode Multitube Fiber Cable ArmouredLszh | Molex / Tyco / Legrand |
| <u>27</u> | 24 Port Fiber Liu Loded - Single Mode | Molex / Tyco / Legrand |
| <u>28</u> | Layer 2 Fully Managed Networking Switch | Hp / Cisco / Juniper |
| <u>29</u> | Ups | Emersion / Apc / Eaton |

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 INTERIOR WORKS

| Sr. No. | Component | Approved Make |
|---------|--|--|
| 1 | Float Glass | Modi Guard/Indoasahi/ Saint Gobain |
| 2 | Resin Based Adhesive | Fevicol/Vamicol/Blue Court |
| 3 | Pin Up Board | Sintatex/Alkosign |
| 4 | Ss/Chrome Coated Hardware | Ebco/Dorest/Arkay |
| 5 | Laminate | Formica/Decolam/Merino Green Lam/Asis/Sunmica |
| 6 | Veneer | Green/Century/Natural |
| 7 | Aluminium Alloy Extruded Section | Hindalco/Indalco |
| 8 | Post Form Board | Merino/Formica/Sunmica |
| 9 | Locks | Godrej/Dorset |
| 10 | Pivots, Handle Bars Etc | Dorma/Dorest |
| 11 | Pre Laminated Particle Board | Novapan/Kitlam/Merino |
| 12 | Plain False Ceiling | Gyproc (Saint Gobin) Or As Approved By Consultant Gyp Steel Ultra-With Company Section/Specifications Only It Shall Be Executed By Company's Authorized Applicator & Certificate From The Company Shall Be Attached With Final Bill. |
| 13 | Grid False Ceiling | Armstrong, Gyproc (Saint Gobin) Or As Approved By Consultant With Company section / Specifications Only- Itshall Be Executed By Companys authorised Applicator &Certificate From The Company shall Be Attached With Final Bill |
| 14 | Acoustic Panelling With Fabric Finish | Armstrong Or As Approved By Consultant With Company section / Specifications Only- It Shall Be Executed By Company's Authorized Applicator & Certificate From The Company Shall Be Attached With Final Bill. |
| 15 | Acoustic Paneling With Laminate Finish | Armstrong Or As Approved By Consultant With Company section / Specifications Only- It Shall |

| | | |
|----|-------------------------|---|
| | | Be Executed By Company's Authorized Applicator & Certificate From The Company Shall Be Attached With Final Bill. |
| 16 | Wood-External Wood | Steam Beach, Teak Wood Or As Approved By Consultant 1 st Quality Imported 95% In Even Color Without Knots, Joints & Bend Wood. |
| 17 | Wood-Internal Wood | Marandi 1st Quality Imported 95% In Even Color Without Knots, Joints & Bend Wood. Or As Approved By Consultant |
| 18 | Molding/Bending | Steam Beach, Teak Wood Or As Approved By Consultant 1 st Quality Imported 95% In Even Color Without Knots, Joints & Bend Wood. |
| 19 | Ply Woods & Block Board | |
| A. | Block Board | Samrat/Century / Green/ Sainek/Arched Classic Ply |
| B. | Ply Wood | Samrat/Century/ Green/ Sainek/Arched Classic Ply |
| 20 | Adhesives | Synthetic Resistant Adhesives / Fevicol Sh. |
| 21 | Floor Spring | Ozon / Godrej Or Equivalent |
| 22 | Door Stop | E.G / Ebco Or Equivalent |
| 23 | Hinges | Gurg Ss Finish / Aucto Closing Heavy Duty Approved By Architect. |
| 24 | Stoppers | Orbit / Ebco Or Equivalent |
| 25 | Drawer Chanel | Ebco / Hettich / Inox Or Equivalent |
| 26 | Door Closer | Godrej / Ozone Orequivalent |
| 27 | Screw | Rk / Gkw / Nettle Fold Orequivalent |
| 28 | Finish | |
| A. | Polish | Asian Melamine/Mrf Melamine |
| B. | Paints | Asian Paints/Ici/Nerolac |
| 29 | Rollar Blind | Vista/Arolex/Marvel |

| | | |
|----|-------------------------|--|
| 30 | Carpet | Unitex/Rosetta/Bajaj |
| 31 | PVC Flooring | Wonder Floor/Poly Floor/Tusker |
| 32 | Vinyl Flooring | LG / Armstrong / Soli Brite |
| 33 | Wooden Flooring | Pergo/ Euro / Vista/ LG /United/ Armstrong |
| 34 | Ss Plate For Name Plate | 304 Grade Brush Finish |
| 35 | Powder Coating | 15 Micron As Per Selection |
| 36 | Bathroom Cubicals | SS Series - Merino-bosco, Greenlam, Metalium |

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.

LIST OF APPROVED MAKES FOR HVAC EQUIPMENT & MATERIALS

| Equipment / Materials | Manufacturer's Name |
|---|--|
| Variable Refrigerant Volume/Flow system | Daikin/Mitsubishi/Toshiba/Blue star/ O 'General' |
| Air Handling Units | Citizen/Edgetech /Nutech/VTS/Zeco/ Ethos |
| Ventilation Fans | Kruger/ Nicotra / Systemair/ebm-Nadi |
| G.I.Sheets for ducting | SAIL/Tata/Jindal/Essar |
| Grilles & Diffusers | Ravistar/Airmaster/Airproduct /Cosmos/Dynacraft |
| Fire Dampers | Carryaire/Systemair / Ajanta/Ravistar |
| Expanded Polystyrene | Beardsell/Thermowell/Thermopack /Cooline |
| Fibre glass material | UP Twiga/KIMMCO /Owvenscornings |
| Closed cell elastomeric nitrile rubber | Armaflex/A-flex/K-flex/Superlon |
| Copper pipe | Mandev/Rajco/Totaline/Maxflow |
| 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 |
| 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 |
| 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.

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