



Gujarat University

TECHNICAL SPECIFICATIONS

MATERIAL MAKE LIST

Tender No: GU/ESTATE/SPSC/2021-22/02

**TENDER DOCUMENT
FOR
INFRASTRUCTURE, EQUIPMENT, INTERIOR AND
ALLIED WORKS OF SPORTS COMPLEX AT GUJARAT
UNIVERSITY, AHMEDABAD.**

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 release), 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, 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 ArmouredLszh	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

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- It shall Be Executed By Company's authorized 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	GurgSs 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

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
Fibreglass material	UP Twiga/KIMMCO /Owvencornings
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/Crompton Greaves/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 AUDIO VIDEO EQUIPMENT & MATERIALS

Equipment / Materials	Manufacturer's Name
VIDEO	
Projector	Panasonic / Optoma / Christie / Barco
Projection Screen	Harkness / Grandview / DA-Lite
Mounting Accessories for Projector	Custom
Digital Podium	Universal / Rampo / A&H
POP UP Box	Crestron / Extron / Wyrestorm / Rampo
HDMI Transmitter Receiver	Crestron / Extron / Wyrestorm / Rampo
5x1 HDMI Switcher cum Scaler with Wireless Presenter	Crestron / Extron / Wyrestorm / Rampo
1x4 HDMI Splitter	Crestron / Extron / Wyrestorm / Rampo
AUDIO	
Dynamic Vocal Microphone	Shure / Beyerdynamic / Lectrosonics
Dynamic Instrument Microphone	Shure / Beyerdynamic / Lectrosonics
Multi-Purpose Microphone	Shure / Beyerdynamic / Lectrosonics
Wireless Handheld Microphone	Shure / Beyerdynamic / Lectrosonics
Wireless Tie-Pin Microphone	Shure / Beyerdynamic / Lectrosonics
Analog Mixer	Allen & Heath / CKS Acoustics / Mackie
Line Array Speaker	CKS Acoustics / Axiom / QSC / Meyersound
Subwoofer	CKS Acoustics / Axiom / QSC / Meyersound
Mounting Accessories for Line Array Speaker	CKS Acoustics / Axiom / QSC / Meyersound
5.1 CINEMA SYSTEM	
Channel Screen Speaker	QSC / Admson / Meyersound / CKS Acoustics
18" Subwoofer	QSC / Admson / Meyersound / CKS Acoustics
Surround Speaker	QSC / Admson / Meyersound / CKS Acoustics
Digital Processing Amplifier	QSC / Admson / Meyersound / CKS Acoustics
Processer	QSC / Admson / Meyersound / CKS Acoustics
4 Sq.mm 2 Core Twisted Speaker Cable	CKS Acoustics / Audiotech / Gotham / Draka
STAGE LIGHTING & CURTAIN	
Light Bar	Custom / CKS Acoustics
Curtain	Custom / CKS Acoustics
LED Par Light	Spectra / CKS Acoustics / Martin
LED Profile Light	Spectra / CKS Acoustics / Martin
1000W Baby Spot Light	Spectra / CKS Acoustics / Martin
2000W Baby Spot Light	Spectra / CKS Acoustics / Martin
Blinder Light	Spectra / CKS Acoustics / Martin
Dimmer Pack	Raytec / Spectra / CKS Acoustics
Pearl Board	Spectra / CKS Acoustics / Martin
DMX Controller	Spectra / CKS Acoustics / Martin
DMX Splitter	Spectra / CKS Acoustics / Martin
DMX Junction Box	Custom / CKS Acoustics
C clamp for mounting Light	Custom / CKS Acoustics

3 core 2.5 sq.mm. Power Cable with Point Wiring	Polycab / Audiotech / RR Cable
Frill for stage to cover light reflection	Custom / CKS Acoustics
Fabricated Ladders of size 600 x 1500 mm	Custom / CKS Acoustics
Wings (Sliding Partition)	Custom / CKS Acoustics
CONTROL SYSTEM	
Control System	RTI / Crestron / Smartnode / AMX
I Pad	Apple
Docking Station for I Pad	Launchport
Wifi Access Point	Quantum / Ubiquiti / Cisco / Ruckus
8 Port Network Switch	Netgear / Cisco
System Rack	Audiotech / Rittal / Elixir / President
CABLES, CONNECTORS & ACCESSORIES	
VGA Patch Cord	MX / Rampo / Audiotech / Neutrik
VGA Cable	MX / Rampo / Audiotech / Neutrik
HDMI Cable	MX / Rampo / Audiotech / Neutrik
0.5 Sq.mm Microphone Cable	CKS Acoustics / Audiotech / Gotham / Draka
1.5 Sq.mm Speaker Cable	CKS Acoustics / Audiotech / Gotham / Draka
CAT-6 Cable	D-Link / Digi Link / Schneider
Connectors & Accessories	Standard

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.