S.N.	DESCRIPTION	RECOMMENDED MAKES
1.	WHITECEMENT	BIRLAWHITE,J.K.WHITE,LAFARGE
2.	A) PRIMER,PAINT B) WATER PROOFING CEMENT PAINT	NEROLAC,ASIAN,BERGER,DULUX,ICI,ASIAN, NEROLAC, BERGER, SNOWCEM, DUROCEM, CHRYSO-SWC
3.	LIME	SATNA,DEHRADUN
4.	PUTTY	BIRLA,JKWHITE,SHALIMAR
5.	FLUSH DOOR, BLOCK BOARD, PLYWOOD	GREEN PLY,CENTURY, MODIPLY, JAYNA,MERINO,DURO.
6.	HARDWARE A.MORTICELOCK, MULTIPURPOSELOCK B. HANDLES, TOWER BOLTS, HINGES &CPFITTINGS FOR DOORS/WINDOWS	GODREJ,HINDUSTAN,DORMA,DOORKING, GARNISH,WURTH, HARDWYN, ARKAY
7.	CERAMICTILES,GLAZEDTILES	KAJARIA,SOMANY,ORIENT.
8.	BRASSHARDWARES	JARODS,PALLIDIUM&PARMAR
9.	EPOXYGROUT,TILEADHESIVES, SILICONESEALANTSILICONSPRAY,POLYSULPHINDESEALANT	ROFFE, CIBA GEIGY, CHRYSO ,PIDILITE, WURTH, CICOTECH
10.	PLASTICEMULSION,SYNTHETIC ENAMELANDOTHERPAINTS	ASAIN,ICI, NEROLAC,DULUX,BERGER,
11.	STAINLESS STEEL FRICTION STAY	EARLBIHARI/NEELKANTH,ARKAY
12.	TEXTUREPAINTS	ASIAN, NEROLAC, BERGER, SNOWCEM, DUROCEM, ULTRATECH, IC,DULUX.
13.	ANCHOR/BOLTS/PLUGS	HILTI,BOSCH,FISCHER,CANON,WURTH FASTENER
14.	WATERPROOFINGCOMPOUND	CICI,DR.FIXIT,ACRO,PIDILITE,CHOCKSEYCH CEMICAL,BUILDTECH,CICOTECH,CHRYO
15.	ZINCCHROMATICPRIMER	ASAIN,ICI, NEROLAC,DULUX,BERGER
16.	CEMENT	LAFARGE,ACC,ULTRATECH,BINANI,BIRLA,SHREE
17.	PATCH LOCK, PLATE ARTICUTUREBOLT, TOP,BOTTOMPATCH	OZONE,DORMA,HARDWYN,ARKAY
18.	FALSECEILING	ARMSTRONG, U N I M E T, DURLUM, HUNTER DOUGLAS , HI- STEEL, ANUTONE , AEROSTONE, HARSONS GREEN
19.	WOODENFLOORING	PERQUET,PERGO,NOTION , INDIANA , EPITOME
20.	FURNITURE	GODREJ,BPERGO,WIPRO,FEATHERLITE
21.	ACOUSTIC WALL / CEILING PANELLING	DECOSONIC , HIMALAYAN ACOUSTICS
22.	FIRE CABLE	TECHFAB SYSTEMS
23.	DOORS&WINDOWSFIXTURES/FITTINGS	DORMA,GODREJ,ARKAY,HAFELE,OZONE,HETTICH, KINGLONG.
24.	DOORCLOSER/FLOORSPRING	DORMA,GODREJ,DORSET,D-LINE,HARDWYN, KINGLONG.
25.	ALUMINIUMSECTIONS.	JINDAL,BHORUKA, HINDALCO , INDAL.
26.	CLEARGLASS/CLEARFLOATGLASS/TOUGHENEDGLASS	SAINTGOBAIN,ASAHI,PILKINGTON,GLAVERBEL,FLOATGLASS INDIA LTD,MODI-GUARD, SAINTGOBAIN,GUARD
27.	LAMINATES	JAYNA,GREENLAM,MERINO,FORMICA,KITPLY,CENTURY
28.	SYNTHETICENAMELPAINTS	ASIAN,BERGER,ICI,NEROLAC

S.N.	DESCRIPTION	RECOMMENDED MAKES
29.	OIL BOUND DISTEMPER	ASIAN,BERGER,ICI,NEROLAC
30.	CEMENT PAINT	SNOWCEMPLUS,ASIAN,BERGER
31.	PLASTIC EMULSION PAINT	ASIAN,BERGER,ICI,NEROLAC
32.	OTHER PAINTS/PRIMERS	ASIAN,BERGER,ICI,NEROLAC,SHALIMAR
34.	REINFORCEMENT STEEL(TMT BARS)	SAIL,RINL,TISCO
35.	GLASS MOSAICTILES	BISSAZZA,MRIDUL,OPIOMOSAICA,PALADIO,ITALIA
36.	MSPIPE/SECTIONS	JINDAL,TATA
37.	POLYCARBONATESHEETS	GEPLASTIC,GALLINA(USA),MACROLUX(UK)
38.	WOODEN FIRECHECK DOORS	NAVAIR,PACIFIC,ATHUNIK,PROMAT
39.	METAL FIRE CHECK DOORS	NAVAIR.SHAKTIMET,GODREJ,PACIFIC
40.	ADMIXTURES FOR CONCRETE.	CICO,FOSROC,SIKA,MCBOUCHEMIE,PIDILITE,BASF,STP,CHRYSO
41.	PRE-LAMINATED PARTICLE BOARD	GREENLAM,DURO,MERINO,KITLAM,CENTURY,ACTIONTESA , GREENPLY, JAYNA
42.	POWDER COATING MATERIAL PURE POLYESTER	NEROLAC,BERGER,J&N, INTERPON , AKZONOBEL
43.	STAINLESS STEELS CREWS FOR FABRICATION AND FIXINGOFWINDOWS.	KUNDAN,POOJA,ATUL
44.	DASHFASTENERS/ANCHORBOLTS,CRAMPS	HILTI,FISCHER,BOSCH,CANON
45.	STAINLESS STEELFRICTIONSTAY	EARL-BIHARI,SECURISTYLE,HAFELE,HETTICH, KINGLONG
46.	WEATHERSILICON	DOWCORNING,WACKER,G.E.
47.	STRUCTURALSILICONATBUTTJOINTS	DOWCORNING,WACKER,G.E.
48.	WATERPROOFINGCOMPOUND	CICO,FOSROC,MC-BOUCHEMIE,BASF,PIDILITE,SIKA,CHRYSO
49.	DOORLOCKS/LATCHES	DORMA,D-LINE, HARRISON,YALE,HETTICH,GODREJ
50.	ALUMINIUMGRILL	HINDALCO,JINDAL, MAHAVEER , BHORUKA.
51.	VITRIFIEDTILES	KAJARIA,SOMANY, ORIENT.
52.	ALUMINIUMCLADDINGSHEETS	ALUCOBOND,ALSTRONG, ALUDECOR , ALSTONE .
53.	STAINLESSSTEELD-HANDLES	D-LINE , DORMA,DORSET,GIESSE,OZONE,HETTICH,HAFELE
54.	STAINLESSSTEELRAILING/PIPE/SHEET	JINDAL,SAIL
55.	STEEL	TATA,SAIL,RINL, JINDAL,
56.	READYMIXCONCRETE	ACC,ULTRATECH,L&T,LAFARGE
57.	EPOXYFLOORING/WALLCOATING	FOSROC,BASF,STP,SIKA,DRBECK,CHRYSO
58.	ACOUSTICMINERALFIBRE	ARMSTRONG,USG,HUNTERDOUGLAS,DEXUNE
59.	FIREPANICBAR/HINGES	DORMA,D-LINE,BRITON,BECKERFS
60.	PVCFLOORING	GERFLOR,TARKETT,ARMSTRONG
61.	INTERLOCKINGPAVERTILES/KERBSTONE/GRASSPAVER/GRCJALI	HINDUSTANTILES,GRCTERRAFIRMA,ULTRATILES, NTC,NITCOTILE,UNISTONE
62.	FIRESEAL	PEMCO,LORIENT,ASTROFLAME

S.N.	DESCRIPTION	RECOMMENDED MAKES
63.	FIRERATED DOOR CLOSER/MORTICE LOCK DOORCO-ORDINATOR	DORMA,D-LINE,BRITON,BECKERFS
64.	GYPSUMBOARDSYSTEM	GYPROC(SAINTGOBAIN),USG,BORAL
65.	ADHESIVEFORWOODWORK	FEVICOL,VEMICOL,DUNLOP,PIDILITE
66.	EPOXY/PUPAINT	FOSROC,PIDILITE,CICO,BASF,SIKA,BERGER,NEROLAC ,CHRYSO
67.	GLASSDOORS(MOTORISED)	DORMA,HAFELE,OZONE,BESAM,HETTICH
68.	AUTOMATIC AALYHERMETICALLY SEALED SLIDING(OT)DOOR	METAFLEX,SHDITALIA,STRYKER
69.	CALCIUM SILICATE BOARDS/TILES	HILUX,AEROLITE,ARMSTRONG
70.	WALLCAREPUTTY	JK,BIRLA
71.	FRAME LESS GLASS PARTITION FIXTURE/SPIDER FITTINGS/PATCH FITTINGS	DORMA,SEVAX,GEZE,OZONE,HAFELE,HETTICH
72.	U-PVC DOORS AND WINDOWS	DIMEX ,FANESTA,WINDOW MAGIC
73.	ALUMINIUM DOORS & WINDOWS	AGV ALFAB LTD , ALKARMA , GLASS WALL
74.	TOILETCUBICLES	GREENLAMSTURDO,MERINO,TRESPA,JACQURE
75.	AGENCIESFORPTSLABWORK	ULTRACONSTRUCTURALSYSTEMSPVT.LTD,GPSPIRO DUCT&TUBEGURGAON,BBR(INDIA)PVT.LTDBANGAL ORE,VSLINDIAPVTLTDCHENNAI.
76.	FIRERATEDGLASS	SAINTGOBAIN,PILKINGTON,SCHOTT
77.	FIBREGLASSRIGIDBOARD	FGPLTD.,UPTWIGA,KIMMCO
78.	MINERALWOOL/ROCKWOOL	ROCKWOOLINDIAPVT.LTD.,LLOYD
79.	HEATRESISTANCETILE	THERMATEK,NATIONAL
80.	BITUMEN	INDIANOIL,HINDUSTANPETROLEUM
81.	AACBLOCK	JKLAKSHMICEMENT,MAGICRETEBUILDINGSOLUTIO N
82.	STAINLESSSTEELDOORHANDLES,LOCKSAN DFITTINGS	DORMA,HAFELE,GEZE,HETTICH,OZONE,GODREJ
83.	ACID/ALKALIRESISTANTTILE	SOMANY,KAJARIA,BELL,ORIENT
84.	ACRYLICEXTERIORPAINT	ASIAN,BERGER,ICIDULUX,NEROLAC,J&N
85.	PVC& FRP DOORFRAME&SHUTTERS	RAJSHRI,SINTEX, JAYNA
86.	METALFALSECEILING	ARMSTRONG,DURLUM,SAINTGOBAIN,UNIMET,HI-STEEL, HARSONS GREEN
87.	ANODISED ALUMINIUM HARDWARE(HEAVYDUTY)	CLASSIC,ARGENT
88.	3-DWALLSYSTEM	TRICWALL(BRAJGREENPRODUCT PVT LTD),BEARDSELL,
89.	LAMINATED FLOORING	PERGO,GREENPLY, ACTIONTESA,ARMSTRONG, EPITOME
90.	HPL(EXTERIOR)	FUNDERMAX,GREENLAM,MERINO
91.	ALUMINIUM FABRICATORS	AGV ALFAB LTD , ALKARMA, GLASS WALL .
92.	STRUCTURAL STEELOTHERMS STEEL	SAIL,TATA,TISCO,RINL

S.N.	DESCRIPTION	RECOMMENDED MAKES
93.	ALUMINIUMEXTRUSIONS	JINDAL , BHORUKA & MAHAVEER , HINDALCO, ALOM
94	LGS section's material	TATA, Jindal, SAIL
95	Fiber Cement Board	Everest, Vishaka or equivalent as approved by Engineer-in-Charge
96	Insulation material	Superme, Lloyed, Owens Corning
97	Roofing sheets PPGI	TATA, Jindal or equivalent as approved by Engineer-in-Charge

LISTOFAPPROVEDMAKESFORINTERNALPLUMBING

S.N	DETAILSOFMATERIALS/EQUIPMENT		MANUFACTURER'SNAME
1.	EWS/IWC		HINDWARE,CERA,PARRYWARE
2.	W.C.SEATCOVER		HINDWARE,CERA,PARRYWARE
3.	FLUSHINGCISTERN		HINDWARE,CERA,PARRYWARE
4.	URINAL/SENSORTYPEURINAL		HINDWARE,CERA,PARRYWARE
5.	URINALPARTITIONS		HINDWARE,CERA,PARRYWARE
6.	C.P. BRASS FLUSH VALVE FOR WC AND		HINDWARE,CERA,PARRYWARE, PRIMA
7.	AUTOMATICFLUSHINGSYSTEMFORURINALS		HINDWARE,CERA,PARRYWARE
8.	WASHBASIN		HINDWARE,CERA,PARRYWARE
9.	TOILETPAPERHOLDER		JAQUAR.VIJAY,SANJAYCHILLY
10.	C.P.BRASSFITTINGSSUCHASBIBCOCK,TWO WAY BIBCOCK,PILLARCOCKS,STOPCOCKS, ANGULARSTOP COCKS,C.P. FLEXIBLEPIPES/ HOSE CONNECTION,C.P.BRASS WASTE,C.P. BRASS CAST BOTTLE TRAP, C.P.		HINDWARE, JAQUAR
11.	STAINLESSSTEELKITCHENSINK		NIRALI,NEELKANTH,JAYNA, ALLEX
12.	SOAPDISH		HINDWARE, JAQUAR
13.	LIQUIDSOAPDISPENSER		HINDWARE, JAQUAR,
14.	TOWELRING/TOWELRAIL,		HINDWARE, JAQUAR, SANJAYCHILLY,
15.	GLASSMIRROR		MODIGUARD,SENTGOBIN,ATUL, PRIMA

16.	P-TRAP(FLOORTRAP)		NECO, AKG,PRINCE
17.	FLOORDRAIN		JINDAL,TATA,SURYAPRAKASH
18.	STAINLESS STEEL GRATING FOR P- TRAP /		VIJAY,SANJAYCHILLY,NEAR,SANJAY
19.	C.P.GRATINGFORFLOORP-TRAP		VIJAY,SANJAYCHILLY
20.	RAINWATEROUTLETSGRATINGS		
21.	GIPIPES(IS:1239ANDIS:3589)		JINDAL(HISSAR),TATASTEEL/SURYAPRAKASH
22.	GIPIPESFITTINGS		UNIK/ZOLOTOM/RBRAND
23.	PVC/UPVCPIPE&FITTINGS		SUPREME, FINOLEX,PRINCE,AKG
24.	GM/FORGEDBRASSBALLVALVES		ZOLOTO,AIP, C&R,KSB
25.	SLUICEVALVES		ZOLOTO,AIP, LEADER
26.	BUTTERFLYVALVE		ZOLOTO,AIP, LEADER,KSB
27.	NONRETURN VALVE/CHECKVALVE		ZOLOTO,AIP, LEADER,KSB
28.	MOTORISEDBUTTERFLY VALVE		ZOLOTO,AIP, LEADER,KSB
29.	AIRRELEASEVALVE		ZOLOTO,AIP, LEADER,KSB
30.	YSTRAINER		ZOLOTO,EMARAL,VENUS
31.	LEVELCONTROLLER(WATER)		SANT,ACTIVECONTROLS/TECHNIKA

S.N	**DETAILSOFMATERIALS/EQUIPMENT**		**MANUFACTURER'SNAME**
32.	LEVELINDICATOR(WATER)		SANT, ACTIVECONTROLS/TECHNIKA
33.	PAINTS		NEROLAC, ASIAN, BURGER
34.	INSULATIONFORHOTWATERPIPES		ARMACEL–ARMAFLEX(UK)/ EUROBATEX–
35.	ELECTRICWATERHEATER/GYSER		JAQUAR,AOSMITH,BAJAJ,
36.	FLANGES		TOBEONSITE
37.	WELDINGRODS		ADVANI,ESSAB,TK
38.	CPVCPIPES&FITTINGS		SUPREME, ASHIRWAD, SFMC,AKG
39.	WATERCOOLER		OASIS,BLUESTAR,AQUAGUARD
40.	SUBMERSIBLEPUMP		KSB,KIRLOSKAR,KARTAR

LIST OF MAKES FOR ELECTRICAL ITEMS

SNO	Details of Materials / Equipment	Manufacturer's Name
B	**MEDIUM VOLTAGE EQUIPMENT**	
1	Compact RMU: 33 KV	ABB
		Siemens
		Schneider Electric
		L&T
2	VCB : 33 KV	ABB
		Larsen & Toubro
		Schneider Electric
		Siemens
3	33 kV/ 433 V Oil cooled transformer	Schneider Electrical
		Sudhir Intra Power
		ABB
		Raychem
4	HT Jointing Kit : 33 KV	Birla-3M
		IKEBANA
		M-Seal
		Raychem

5	HT Jointing Kit : 33 KV	Birla-3M
		IKEBANA
		M-Seal
		Raychem
6	Protection Relays Numeric Type	ABB
		Areva
		L&T
		Schneider Electric
		Siemens
7	Potential Transformer	ECS
		Jyoti
		Kappa
		Pragati
8	Current Transformer (Cast Resin Epoxy Coated)	ECS
		Jyoti
		Kappa
		Pragati
9	Static Power Meter & Logger (Trivector Meters)	ABB
		El Measure
		Larsen & Toubro
		Schneider Electric
		Secure

10	Electronic Digital Meter (A/V/PF/HZ/KWH)with LED Display.	ABB
		Automatic Electric
		Larsen & Toubro
		Schneider Electric
		Secure
11	HRC Fuse and Fuse Fitting	GE
		Siemens
12	Battery Charger	Caldyne
		Chabbi Electricals
		Star Cap. Engg.
		Volstat
13	Sealed Maintenance Free Batteries	Exide
		Global
		Hitachi
		Shinkobe
14	33 KV HT Cable	Polycab
		Skytone
		Phinolex
		BATRA HENLAY CABLES
		Universal

A	**MEDIUM VOLTAGE EQUIPMENT**	
1	Power Distribution Panel	Adleck
		Sudhir Power Ltd
		Tricolite
		Precision System Control
2	Final Distribution Board	ABB
		Hager
		L&T
		Legrand
		Siemens
		Schneider Electric
3	Air Circuit Breaker (3/4 Pole)	ABB(E - Max)
		Legrand (DMX3)
		Schneider Electric (MVS)
		Siemens (3 WL)
		Larsen & Toubro (U-Power)
4`	Moulded Case Circuit Breaker (MCCB)	ABB(C Max)
		Legrand (DPX3)
		Larsen & Toubro(D- Sine)
		Schneider Electric (CVS)
		Siemens (3VL)

5	Motor Protection Circuit Breaker(MPCB)	ABB
		L&T
		Schneider Electric
		Siemens

6	Miniature Circuit Breakers	ABB
		Hager
		L&T
		Legrand
		Siemens
		Schneider Electric
7	Residual Current Circuit Breaker (RCCB)	ABB
		Hager
		L&T
		Legrand
		Siemens
		Schneider Electric
8	Power/Aux. Contactor	ABB
		Hager
		L&T
		Legrand
		Siemens
		Schneider Electric

9	Change Over Switch	Control & Switchgear
		Cummins
		HPL
		Hager
		L&T
		Socomec
10	Automatic Transfer Switch (ATS)	ASCO
		Cummins
		GE Power Control
		SOCOMEC
11	Control Transformer/Potential Transformers	Automatic Electric
		Gilbert & Maxwell
		Indcoil
		Pragati
		Precise
		Matrix
12	Current Transformer (Epoxy Cast Resin)	Automatic Electric
		Gilbert & Maxwell
		Indcoil
		Pragati
		Precise

13	Protection Relay (Numeric Type)	ABB
		Areva
		L&T
		Siemens
14	Indicating Lamps LED type and Push Button	GE Power Controls
		Larsen & Toubro (ESBEE)
		Schneider Electric
		Siemens
		Vaishno Electricals
15	Overload relays with built in Single Phase preventer	ABB
		GE Power Controls
		Larsen & Toubro
		Mitsubishi Electrical
		Schneider Electric
		Siemens
16	Electronic Digital Meters (A/V/PF/Hz/KW/KWH) with LED Display	Automatic Electric
		L & T
		Schneider Electric
		Secure
		Socomec
		HPL

17	Static Power Meter & Logger (SPML)With RS 485 port	Conzerv
		Larsen & Toubro
		Schneider Electric
18	Power Capacitor	ABB
		EPCOS
		Legrand
		Larsen & Toubro
		Neptune Ducati
		Schneider Electric (Meher)
19	Automatic Power Factor Correction Relay with Thyristorised Output	BELUK (Germany)
		EPCOS
		Neptune Ducati

20	Thyristerised APFC Control Panel & Detuned Filter	ABB
		EPCOS
		Larsen & Toubro
		Schneider Electric (Meher)
		Neptune Ducati
21	PVC insulated XLPE aluminium/copper conductor armoured MV Cables upto	Batra Henlay
		Finolex

	1100 V grade	Polycab
		Skytone
22	LT Jointing Kit / Termination	Birla-3M
		Raychem
		REPL
		Safe Kit
23	Cable Glands Double Compression with earthing links	Baliga Lighting
		Comet
		BATRA HENLAY CABLES
		Cosmos
24	Bimettalic Cable Lug	Comet
		Cosmos
		Dowell's (Biller India)
		Hax Brass (Copper Alloy India)
		BATRA HENLAY CABLES
25	PVC insulated copper conductor stranded flexible wires (FRLS)	Batra Henlay
		Finolex
		Polycab
		Skytone
26	Mettalic / GI Conduit (ISI approved)	RM-Con(AKG)
		BEC

		NIC
		Vimco
27	PVC Conduit & Accessoires (ISI approved)	AKG
		BEC
		Polypack
		Precision

S.No.	Details of Materials / Equipment	Manufacturer's Name
28	Lead Coated Flexible GI Conduit	PLICA India Pvt. Ltd.
		Flexicon
		ABB – Lumina/ Classic
29	Switch & Socket	Clipsal
		Crabtree
		M K India
		Legrand
		Philips
30	Industrial Socket	
	Splash Proof	Clipsal
		Legrand
		Neptune Balls
		Schneider Electric

31	Industrial Socket	
	Metal Clad	Hansel
		MDS
		Legrand
32	Ceiling Fan	Crompton Greaves
		Havells
		Luminous
33	Lighting Fixture	
	a. Halogen/PL/Metal Halide) / Fluorescent/LED	Polycab
		Philips
		Bajaj
		Wipro
	b. External Lighting Fixture	Polycab
		Philips
		Bajaj
		Wipro
	c. Aviation Obstruction Light (LED Type)	Actos
		Bajaj
		Binay

SNO	Details of Materials / Equipment	Manufacturer's Name
34	Electronic Ballast for Fluorescent (To be selected as per fixtures' manufacturer)	Bajaj
		Havells Sylvania
		Osram
		Opal
		Philips
		Polycab
		Wipro (APF)
35	Lighting Control Equipments/ Dimmers	ABB
		Lutron
		Schneider Electric
		Wipro
36	UPS	APC Merlin Gerin
		Emerson Network Power
		Eaton
		GE Power
		Luminous
		PCI
		Socomec
37	Inverter	Luminous
		Microtek

38	Battery Charger	Caldyne
		Chhabi Electricals
		Indiana
		Joshi Electricals
		Maheshwari Electricals
		Profab Engineer
		Rico Steel
39	Lighting Poles (HEX / Angular Pole/ MS Tubular (Decorative)	Bajaj Electricals
		HOMDEC Lighting
		Keselec
		K-Lite
40	Lightning Protection System	ABB-Pulsar
		APS
		LPI
		Indelec

S.No.	Details of Materials / Equipment	Manufacturer's Name
41	Lighting & Surge Voltage Protection	ABB
		Hager
		Obeo Betterman
		Schneider Electric
42	230/12 V Step Down Transformer with BUILTIN Isolation Transformer	Talema
		Volstat
43	Energy saving Units	FMS
		Inncom
		Inn Link Systems
		Pumba Electronics
44	Exit Signage's	Legrand
		MK
		Prolite
		Philips
		Thorn
45	Solar Power Pack	Central Electronics Ltd.
		Delta Energy system
		Kotak Urja
		Tata BP Solar

46	Cable tray	Ricco
		Slotco
		Maheshwari BATRA HENLAY CABLES
	Boom Barrier	Faac
		Came

S. No.	Details of Materials / Equipment	Manufacturer's Name
B	**DG Set**	
1.	Diesel Engine	Cummins India Caterpillar Perkins Volvo
2.	Alternator	Caterpillar Stamford Leroy Somer
3.	Fire Sealant & Fire Retardant Paint	BTHM Engineering Birla 3 M HILTI Promat
4.	M.S. Pipe	AST Jindal Tata Steel Zenith
5.	Vibration Isolators	Cori Dunlop Flexionics Kanwal Industries Corporation Resistoflex
6.	Noise Control Silencer / Muffler (Residential Type Silencer)	Intertec Sound Control India
7.	Fiberglass/Insulation	Owens Corning UP Twiga
8.	Welding Rod	ADOR Advani Cosmos ESAB Super Bond (S)
9.	MCCB/ACB	ABB Larsen & Toubro Schneider Electric Siemens Legrand

10.	Anti-vibration mountings	Gerb, KOEL
11.	Batteries	Amar Raja Exide HBL Nife Standard Furukawa Luminous

S. No.	Details of Materials / Equipment	Manufacturer's Name
12.	Battery Charger	AE Amar Raja Caldyne HBL Nife
13.	Butterfly valves	Audco Advance
14.	Gate/NRV/Check valves	Audco (above 50mm)
15.	Strainers	Emrald
16.	Power Distribution Panel	Advance Tricolite Ambit Switchgear Conquerent

S. No.	Details of Materials / Equipment	Manufacturer's Name
1.	Elevators & Escalators	Mitsubishi Electric corporation. Kone Elevators India Pvt. Ltd. Otis Elevators Schindler India Pvt. Ltd. Thyssenkrupp Toshiba Johnson's Elevator's(India) Pvt Ltd
2.	Moulded Case Circuit Breaker (MCCB)	ABB Larsen & Toubro Schneider Electric Siemens, Legrand
3.	Miniature Circuit Breaker (MCB)	ABB L&T Schneider Electric Siemens, Legrand
4.	Residual Current Circuit Breaker (RCCB)	ABB L&T Schneider Electric Siemens
5.	Power/Aux. Contactor	ABB

		L & T Schneider Electric Siemens
6.	PVC insulated XLPE aluminium conductor armoured / unarmoured MV Cables upto 1100 V grade	Finolex Skytone Batra-Henlay KEI
7.	Cable Glands Double Compression with earthing links	Baliga Lighting Comet Cosmos BATRA HENLAY CABLES
8.	Bimettalic Cable Lug	Comet Cosmos Dowell's (Biller India) Hax Brass (Copper Alloy India)
9.	PVC insulated copper conductor stranded flexible wires (FRLS)	Finolex Batra Henlay Skytone, Rajnigandha
10.	Metallic Conduit (ISI approved)	RM-CON BEC NIC

S. No.	Details of Materials / Equipment		Manufacturer's Name
11.	Accessories for Metallic Conduit (ISI approved)		Prakash Engineering Works Sharma Sales Corporation Super Sales Corporation
12.	Fastners		Hilti
13.	Welding Rods		Advani
14.	Paints		Asian ICI Shalimar

S.No.	Details of Materials / Equipment	
D	**DATA AND TELEPHONE**	
1.	Cat-6 Cable, Wires & Fiber Optic Cable	BELDON LEGRAND MOLEX R & M SCHNEIDER- DIGILINK SYSTIMAX SIEMON TYCO (AMP) BATRA HENLAY CABLES
2. a)	Patch Cords, patch panels, Splitter Box,	BELDON

	cross connect outlet	LEGRAND MOLEX SYSTIMAX SIEMON TYCO (AMP)
b)	Telephone Tag Blocks	KRONE
3.	Data Switches, Receiver , Media Converter	ALCATEL CISCO EXTREME H.P
4.	WiFi(AP's)	ALTAI COMPEX MOTOROLA RADMAX RUCKUS
5.	EAPBX/Voice	ALCATEL MATRIX PANASONIC
6.	Metallic/PVC Conduit (ISI approved)	BEC RM-CON NIC

		VIMCO
7.	Racks for Data Switches	HCL RITTAL VALRACK VERO PRESIDENT
8.	Telephone Armoured Cables	DELTON CABLES FINOLEX SKYTONE

E	**Addressable Fire Detection & Public Address System**	
a)	Intelligent Addressable Multi criteria Photo and Heat Smoke Detectors	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
b)	Intelligent Addressable Photoelectric Smoke Detectors	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
c)	Intelligent Addressable Heat Detectors	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
d)	Intelligent Addressable Fixed Temperature Heat Detectors	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
e)	Intelligent addressable Manual Pull Station	GE Edwards EST3 series Honeywell (XLS 3000) Notifier(ONYX series) Ravel (Fire Finder Series XLVS)
f)	Intelligent addressable Control Module	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series)

		Ravel (Fire Finder Series XLVS)
g)	Intelligent addressable Monitor Module	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
h)	Intelligent addressable Main Panel/Repeater Panel	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)

i)	Addressable Hooters/Speakers	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
j)	Beam detector	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
k)	Response indicator	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
l)	Talk back unit	Bosch GE Edwards EST3 series Honeywell (XLS 3000) Notifier (ONYX series) Ravel (Fire Finder Series XLVS)
m)	PA System	Bosch Bose
n)	Mettalic/ GI Conduit (ISI approved)	BEC RM-CON NIC Vimco
o)	Control / power Cables/wires	Finolex Lapp kabel Rajnigandha RR kabel BATRA HENLAY CABLES

S. No.	Items	
F	**CCTV SYSTEM**	**Makes**
1.	DVR, Central Monitoring software & Accessories	Axis Bosch BEFS GE Honeywell Heinrich Pelco Vicon
2.	CCTV- Cameras	Axis Bosch BEFS GE Honeywell Heinrich Pelco Sony Vicon
3.	Lenses	Axis Bosch BEFS GE Honeywell Heinrich Pelco Sony Vicon
4.	Weatherproof Housing	Axis Bosch BEFS GE Honeywell Heinrich Pelco Sony Vicon

5.	Control / power Cables-	Finolex Fusion Polymers HPLl Lapp kabel Neoflex
6.	Communication Cable(RG-6) / Signal Cables	Belden Com-Scope TFC (Times Fiber) BATRA HENLAY CABLES
7.	PVC Conduits	AKG BEC DOUPHIN NIC
8.	Metallic Conduits (MS/GI)	BEC NIC RM-CON
9.	Personal Computer	Dell H P IBM
10.	Color Monitor	HP LG

		Samsung
11.	Printer	Epson H P NEC TVSE
12.	Mouse	Dell H P Logitech Microtek
G	**EPABX**	**Makes**
1	EPABX	Panasonic
		Siemens
		Avaya
Note :	**Preference will be given to use maximum number of available products/ accessories from the selected manufacturer for projects.**	