

MAKE LIST

NOTE: -

- 1) A List of Preferred Brand Names of Various Materials / Products are shown below for usage in execution of Work. However, Approved equivalent material of any other Specialized Companies / Firms may also be used, in case it is established that the Brands Specified below are not available in the market or in other unavoidable circumstances and subject to Approval of the alternate Brand by the Engineer-In- charge. However, in case, the equivalent model so approved, is cheaper than the model already mentioned in item/approved makes list, the price adjustment will be made based on the difference in market rate. In case, the rate of subsequently approved model is more, no extra payment will be made on this account.
- 2) It must be ensured, in general, that all materials to be used in the works shall bear BIS Certification mark. In cases where for a particular material/product, BIS Certification Mark is not available, then the material proposed to be procured can be used subject to the condition that it should conform to CPWD Specifications and relevant BIS codes. In such cases written approval of the Engineer-in - Charge shall be obtained before use of such material in their works.
- 3) The list given below does not absolve the Executing Agency from their responsibility for using these products. It is only after, they are satisfied about the quality and performance, the products shall be used. To achieve this, proper check on the quality of the product, actually to be used, should be exercised.
- 4) The Competent Authority reserves the right to add or delete any materials and brands in the list of approved makes. However, in case, the equivalent model so approved, is cheaper than the model already mentioned in item/approved makes list, the price adjustment will be made based on the Difference in market rate. In case, the rate of subsequently approved model is more, no extra payment will be made on this account.

S. No	Material	Approved Makes/Brands		
CIVIL/INTERIOR WORKS				
1	Cement (OPC/ PPC/ White Cement)	ACC	Ultratech	Topcem Cement
		Lafarge	Ambuja Cement	Dalmiya Cement
2	Reinforcement Steel (TMT– Fe500/Fe500D)	TATA	SAIL	RINL
		JSW	Shyam Steel	
3	Structural Steel/ M.S. Tube	TATA	RINL	SAIL
		BANSAL	NEZONE	UTKARSH
4	Anti-Termite Treatment	Tricel	Premis	or equivalent
5	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals	CICO	FOSROC	BASF
		SIKA	Chocksy	Penetron
		BULWARK CONCHEM		
6	Roofing Sheet (PPGI Sheet / PPGL Sheet)	Tata Bluescope	JSW	Durokolor
		Spectrum	Dyna Roof	Stellar
		Dura Roof	Taj Roofing	Magnum roofing
		Prestar	Indo roof	Maga roof
		Kamdhenu	Colour max	and equivalent

FINISHING PAINTS AND COATING

7	Paint	Asian	Berger	ICI
		J&N paint	Luxol	Nerolac
		Unicen	Duco paint	La Green
		ARIA paint	Flixopaint	Dulux
8	Texture Paint	Spectrum	BULWARK CONCHEM	or equivalent
9	Epoxy Paint	Pidilite	Berger	FOSROC
		Sikka	Cico	BULWARK CONCHEM
		Nerolac	Shalimar	Asian
10	Wall Putty	Birla Wall Care	JK White	Asian Paints
		Berger	Dulux	Vinyl wall care
		Fosroc	BULWARK CONCHEM	
11	Polyster Powder Coating Paints	Nerolac	Berger	Akzonobel
12	Water Based Melamine Polish	Asian	Pidilite	ICIDulux
		Berger		
13	Fire Retradant Paint	Asian	Berger	Shalimar
		ViperFRS881	Nullifire	
14	Gypsum Plaster	FerrousCrete	Elite(90)	Ultratech
		ArdexEndura	BULWARK CONCHEM	

FLOORINGS

15	Floor/ Wall Tiles (Ceramic / Vetrified)	Somany	NITCO	Vermora
		Kajaria	AGL	NITCO
		Orient Bell	Johnson	Qutone
		Bonzer 7	Marbitto	Oasis
		Italake	Bajaj	
16	Parking Tiles	Johnson	NITCO	Marbitto
		AGL	Somany	Vermora
		Qutone make		
17	Paver tiles	SUNROCK-Hi CTS	MULTIWYN	OMI's
		and equivalent		
18	Vinyl Flooring	Tarkett	Armstrong	Wonderfloor
		Gerfloor		
19	Anti bacterial Tiles	Johnson	Orient Bell	NITCO
		AGL	Somany	
20	Tac tiles	Durotect	AGL	Johnson
		and equivalent		
21	Wooden floor tiles / Carpet flooring	Armstrong American exotics	Welspun	and equivalent
22	Bamboo wood floor tiles	Epitome	Maisang	ESES
		and equivalent		
23	Broadloom carpet tiles	WELSPUN	and equivalent	
24	Dash / Anchoring Fasteners	Hilti	Fisher	Bosch
		Anchor		
25	Floor hardener	Ironite	Fosroc	Hardonite

26	Composite Marble / Granite / Engineered Stone	Asian	Johnson	Kalinga
27	Heat Resistant Tiles	Swastik	Thermax	
28	Facade Tiles	Clayton	Terreal	Hunter Dougls
		Faveton		
29	Venetian Blinds	Mac Décor	Vista	Hunter Douglas
30	PaverBlock&KerbStone	NITCO	Unitile	Ultra
		KKManholes	Unistone	
31	ClampSystemForDryStone Cladding	Hilti	Fischer	Bosch
32	HeatResistantTiles	Swastik	Thermax	ArdexEndura
WATERPROOFING				
33	Integral Waterproofing Crystalline Admixture	Fosroc	Dr. Fixit	Penetron
		Pidilite	Asian paints	BULWARK CONCHEM
34	Polyurethane, Liquid Applied Waterproofing Membrane	Asian paints	BASF	SOPREMA
		MAPEI	Penetron	BULWARK CONCHEM
35	Liquid Applied , Acrylic Elastomeric Membrane	BASF	SIKA	FOSROC
		Chocksy	Dr. Fixit	BULWARK CONCHEM
36	Waterproofing Self Adhesive (HDPE) Membrane	BASF	STP	FOSROC
37	SBS Membrane	BASF	SIKA	FOSROC
		BULWARK CONCHEM		
38	PVC Water Stops	BASF	Supreme	Oriplast
EPOXY COATING FLOORING				
39	Polyurethane Concrete Flooring	Pidilite	BASF	MAPEI
40	Food Grade Epoxy Coating	MAPEI	STP	BASF
		BULWARK CONCHEM		
41	Anti Static Flooring	STP	FOSROC	MAPEI
		BASF		
GROUTS/CHEMICALS				
42	Grouting Admixture	FOSROC	ARDEXENDURA	BASF
		SIKA	BULWARK CONCHEM	
43	Zinc Panels	VM Zinc	Halcor	Leqsa
		Cinkarna		
44	Fibre Cement Panels	Equitone "Mineralis"	Swiss pearl	FibreC by Rieder
45	Rebarring Chemical	Hilti	3MIndia	
46	Fire Sealant	Hilti	3MIndia	Fischer
47	Parallel Threaded Couplers (ComplianttoIS:16172:2014)	Dextra	HalfenMoment	G-Tech

48	AAC Block	BrickOlite	Green AAC Block	Superlite
		and equivalent		
49	Bricks	1st class clay bricks	Jhama Bricks	Solid 2 to 3 hole no 1 red bricks
50	Building Blocks	Plastic embedded light weight brick of Zerund Brand	Cellular Concrete Blocks	
51	PolysulphideSealant	Fosroc	Wacker	BASF
		Dow Corning		
52	AdhesiveforWoodWork	Dunlop	Fevicol	Vamicol
		Araldite	Pidilite	

WOODENWORK

53	MoistureResistantBoard	SaintGobin	Gyprox	USGBoral
54	Veneered Particle Board	Duro	ActionTESA	
55	Laminated Particle Board/ Laminates	Merino	Greenlam	Century
		Ventura	KPI	ActionTesa
56	MDF	ActionTesa	Greenply	Archidply
		Greenpanel	Ventura	KPI
57	PRE Laminate MDF	ActionTesa	Green ply	Archidply
		Greenpanel	Ventura	KPI
58	MetalicLaminates	Merino	Century	Metlam
		Ventura		
59	Flush door shutters	Duro	Greenply	KPI
		Century	Archidply	Merino
60	Plywood/ Veneer/Laminate	Fiden	Century	Austin ply
		Green ply	Archid ply	BWR
61	Extruded PolyestereneBoard	STP	Supreme	Ownesorning
		Shalimar		
62	Glass Wool	Rockwool	UP Twiga	Lloyd Insulation
63	Glass Fibre Acoustical Ceiling Tile	Anutone	Decosonic	Armstrong
64	Acoustic Wooden Perforated Slat	Anutone	Armstrong	Decosonic
65	Acoustical Fabric (With Glasswood) Wall Panels	Anutone	Armstrong	Decosonic

DOORHARDWARE'S/FITTING'S

66	Hardware for Fire Check Door	Dorma	Becker Fire Solution	Dorset
67	Stainless Steel	TATA	JindalAlloys	SAIL
68	Stainless Steel Hardware	Dorma	Kich	Ozone
		Godrej	Dorset	
69	UPVC Doors & Windows	Fenesta	Encraft	WINSTA-Koemmerling
		Futureview-AluPlast	Finesse-Prominace	Deceunik
		NCL VEKA	Duroplast	
70	Door/WindowFittings	Godrej	Ozone	Doorset
		Dorma		
71	DoorCloser	Godrej	Ozone	Doorset
		Dorma		
72	DieCastPatchFittings	Dorma	Geze	Ozone

		Hettich	Hardwyn	
73	Firerateddoors&itshardwares	Navair	TataParvez	Promat
		ShaktiHormann	Sukriti	SaintGobain
73	FloorSprings	Godrej	Ozone	Doorset
		Dorma		
74	SSMortiselockwithonedeadead bolt and pair of SS handles steel grade – SS304	Godrej	Ozone	Doorset
		Dorma		
75	GrabbarsandDisabled Hardware	Dorma	Ozone	D-line
76	SSMortiselatch&lockwith six levers and pair off SS handlessteelgrade–SS304	Godrej	Ozone	Doorset
		Dorma		
77	SSTowerbolt	Godrej	Ozone	Doorset
		Dorma		
78	SSButthingeswithball bearinggrade–SS304	Godrej	Ozone	Doorset
		Dorma		
79	MagicEye	Dorma	Godrej	Ingersoll Rand
80	StainlessSteelslidingdoor blots	Godrej	Ozone	Doorset
		Dorma		
81	Pullhandlebacktobackof length150mmofsteel Grade- SS304	Godrej	Ozone	Doorset
		Dorma		
82	Aluminiumlevelhandles	Hardima	Godrej	Everite
		Classic	EBCO	
83	AnodisedAluminium Hardware(HeavyDuty)	Hardima	Godrej	Everite
		Classic	EBCO	
84	AutomationSystems for Windows	UCS	WindowMaster	Essmann
		Rivalu	Securistyle	
85	LeverhandleinSS304finish	Godrej	Ozone	Doorset
		Dorma		
86	FrictionStayHinges	Dorma	LGSysmac	Dorset
87	Dash/AnchoringFasteners	Hilti	Fisher	Bosch
		Anchor	-	
88	Welding Electrodes	Advani	Oerlikon	Modi
		L&T	ICI	
89	ExpansionJoint–Modular	C.S	Herculus	Z-Tech
		Vexcolt	Fischer	
90	AluminiumBldg.ExpansionJoint	Vexcolt	Z-TechIndia	C/SExpansionJoint
GLAZINGS/FACADE				
91	Anodised Aluminum Hardware(HeavyDuty)	Hardima	Alualpha	LGFSysmac
		Everite	Godrej	
92	Aluminum Structural Members– Windows,Glazing andPartitions	Jindal	Indalco	Hindalco
		Nalco	Bhoruka	
93	Aluminum Sheet roofing Top 0.9mm thick AA 3004 aluminiumalloyand2ndlayer BareGalvalumesheet,0.5mmTCT	KalZip	TataBlueScope	KingspanJindal Pvt.Ltd.
94	Pre-coated Galvanised Steel Sheet	Tata BlueScope	Dyna roof	Spectrum

95	GlazingStructural/Suspended /Skylight	SaintGobain	Pilkington	Glaverbal
96	Clear/Float/FrostedGlass/ Mirror	SaintGobain	AIS	Pilkington
		MODIGuard	Atul	
97	FireRatedGlass	SaintGobin	Schott	
98	GlassSpiderFittings	Dorma	HAFAL	OZONE
99	Stainless Steel Railing, AccessoriesetcinGradeSS OR 316	Dorma	D-line	Geze
		Ozone	Q-railing	
100	FireratedvisionPanels	Pilkington	SCHOTT	FERILITE
		SaintGobain	Glaverbel	
101	G. I Steel door frame/PressedSteelDoor frame	Synergy Thrislington	Navair	Shakti
		TataParvez		
102	EPDMGasket	Hanu	Anand	Osaka/ Alps
		AnandReddiplex	EnviroSeals	
103	MirrorGlass	AsahiIndiaSafety Glass Ltd	ModiGuard	Saint Gobain
		Dorma		
104	AluminumLouvers	Lindner	ChicagoMetals	Harsons Green
		HunteDouglas	Faveton	Kawneer
105	Aluminium composite Panels	Aludecor	Alstrong	Durabuild
106	Friction Stay Hinges	Dorma	LG Sysmac	Dorset
107	Ceramic panel Cladding	Hunter Douglas	Neolith	Terreal
108	Pre-CastGRCJali	Unistone	DalalTiles Industries	Ecovision

FALSECEILING

109	False Ceiling–Gypsum	SaintGobain	USGBoral	Lindner
		IndiaGypsum	Lafarge	
110	False Ceiling–Mineral fibreceiling	Armstrong	AMF	USGBoral
		SaintGobain	HunterDouglas	
111	False Ceiling–Calcium Silicate Boards/ Tiles	Aerolite	Hilux	SaintGobain(Gyp roc)
112	False Ceiling–Metal	Amstrong	HunterDouglas	USG Boral
113	Gyp Board	SaintGobain	USGBoral	Lindner
		BoralGypsum	Lafarge	IndiaGypsum
114	False Ceiling–Aluminium	Armstrong	Durlum	HunterDouglas
115	CurtainRod/DruperyRod	Vistawork	MacD�cor	HunterDouglas
116	FabricBlinds	HunterDouglas	Mac	Vista
117	RollingShutter	Rama/	Prakash	
118	Tensile Fabric	Mehler	Verseidag	Heytex
119	Polycarbonate Sheet	Palram	Gallina	Danpalon
		DPIDaylighting		
120	ModularFurniture	Godrej	Durian	Wipro
		Featherlite		

PLUMBINGWORKS

SANITARYFIXTURES&CPBRASSFITTINGS

121	SanitaryFixtures	Cera	Hindware	Parryware
		Jaquar		
122	CP Brass Fittings & Accessories	Jaquar	Roca	Kohler
123	PVC Water Stops	BASF	Supreme	Oriplast
124	KitchenSinks	Neelkanth	Jayna	Hindware
		Nirali		
125	WaterCooler	BlueStar	Usha	Voltas
		EurekaForbes		
126	Electric Storage Type Geyser	Venus	AOSmith	Racold
		Havells		
127	Hand Drier	Euronics	Jaquar	Utec
128	RO Purifier Units	Kent	IONExchange	EurekaForbes
		BlueStar		

SOIL,WASTE,VENT&RAINWATERPIPES

129	Hubless Centrifugally cast (spun)Iron pipes & Fittings SS304gradecouplingwith EPDM rubber gasket	Neco	Kapilansh	Hepco
130	GI Pipes	JindalHissar	PrakashSurya	Tata
131	GI PipeFittings	ZolotoM	DRP	New
		Unik		
132	GIclamps with EPDM rubber	Intellotech	Indotech	Hilti
		CAMRY		
133	Brass Clean Out Plugs	Neer	Vijay	GMGR
134	Stainless Steel Gratings	Chilly	Camry	Kamal
135	uPVC Pipes & Fittings	Ashirvad	Finolex	Astral
		AKG		

WATER SUPPLY SYSTEM

136	CPVC Pipes & Fittings	Ashirvad	Finolex	/Astral
		AKG	Supreme	-
137	GI Pipes	JindalHissar	PrakashSurya	Tata
138	GI Pipe Fittings	ZolotoM	DRP	New
		Unik		
139	Water Meter	Kranti	Toshaniwal	Capstan
		Anand		
140	DI Pipes & Fittings	Electrosteel	Kesoram	Tisco
141	Forged Brass Ball Valves	Giacomini	Zoloto	Sant
		DRP	New	
142	CI Butterfly Valves	Zoloto	Audco	Sant
		DRP		
143	Pipe Insulation	Armaflex	K-Flex	Thermaflex
		Kaiflex		
144	Motorised Valves	Zoloto	Sant	AIP
145	Single Acting Air Release Valve	Giacomini	Zoloto	Sant
		DRP		
146	Central RO Plant	Ion Exchange	Thermax	Pentair
		EurekaForbes		
147	Polyethylene Storage Tank	Sintex	Supreme	Sheetal

HOTWATERSYSTEM(HEATPUMP)				
148	HeatPumps	AOSmith	Cristopia	Bluebox
		Climaveneta	Klima	
149	HotWaterRecirculation & Return Pumps	Willo	Grundfoss	KSB
		Xyllum		
SEWERAGE&DRAINAGESYSTEM				
150	HDPEDoubleWallCorrugated (DWC)	Finolex	Astral	Ashrivad
		Supreme		
151	SFRC Manhole Cover &Frame	KKManholes	SKPrecastConcrete	Advent Concreteovision
152	Foot Rests	KJM	Deesawala	Surya
		Sinecos		
153	Grease Sperator	ACO	Kessel	Klaro
154	RCC Pipes	JainSpunPipes	KKConcreteProducts	UshaSpunPipes
		IndianHumePipe	Pragati ConcreteUdyog	Daya
		DewanSpun		
WATERSUPPLY,BOREWELL,DRAINAGEPUMPS&WATERTREATMENTEQUIPMENTS				
155	WaterSupplyPumps	Willo/	Grundfoss	KSB
		Xyllum		
156	DrainagePumps	Willo	Grundfoss	KSB
		Xyllum		
157	BorewellPumps	Willo	Grundfoss	KSB
		CromptonGreaves		
158	HydropneumaticSystem	Willo	Grundfoss	KSB
		Xyllum		
159	WaterFilters	Ion Exchange	Thermax	Pentair
160	Water Softeners	Ion Exchange	Thermax	Pentair
161	ChemicalDosers(Cholorinators)	AsiaLMI	Toshcon	Chloromax
162	Electrical Panels	As per Electrical Make List		
163	GI Pipes	JindalHissar	PrakashSurya	Tata
164	GI Fittings	ZolotoM	DRP	New
		Unik		
165	CIButterflyValves	Zolato	Audco	Sant
		DRP		
166	CIDualPlateCheckValves	Zolato	Audco	Sant
		DRP		
167	CIStrainers	Zolato	Audco	Sant
		DRP		
168	VibrationEleminators/ Rubber Bellow	Resistoflex	D'wren	Kanwal
169	Electric Wires &Cables	As per Electrical Make List		
SEWAGETREATMENTPLANT				
170	AirBlowers	Beta	Everest	Kulkarni
		TMVT		

171	AirDiffussionSystem	Airfin	UshaRuba	Rehau
172	AirVentValve	Oventrop(Germany)	CIM	RapidControl
173	BarScreen	KSP	AWMS	PAMM
174	Centrifuge	Apollo	United	B.AEngineering
175	ChemicalCleaningPump	WILO	Grundfos	Xylem
		KSB		
176	ChemicalCleaningtank	Polycon	Sintex	Vectus
		Supreme		
177	ElectricalPanel	AsperElectricalMakeList		
178	FlowMeter(Digital)	Aster(Totalized)	VATS	Scientific
179	FlowRotaMeterfor Suction Pump	UKL	Aster	Scientific
180	FootValve	Sant	Zoloto	Advance
		DRP		
181	G.I. fittings (malleable cast iron)	Unik	Zoloto	New
		DRP		
182	Level Controller	Aster	Cirrus Engineering	Rockwell Automation
183	LevelIndicator	Aster	Cirrus Engineering	Rockwell Automation
184	LevelSwitch	Aster	Cirrus Engineering	Rockwell Automation
185	MBRModule	G.E	Siemens	Mitsubishi
186	MBRPermeateSuctionPump	WILO	Grundfos	Xylem
		KSB		
187	Media	Cooldeck	UshaRuba	MMAqua
		Pharmatech		
188	MultiportValve	Pharer(U.S.A)	ORG	Astar
189	PH Meter	VATS	Hanna	Aster
		digital		
190	PLC/HMI	Schneider	Allenbradley	Mitsubishi
191	SemiAutoFineScreen	Toro	KSP	AWMS
		PAMM		
192	UVSystems	AlphaUV	CreativeUV	Pentair
		EurekaForbes		
193	VFD	Danfoss	AllenBredly	Siemens
		ABB		
194	STP Vendors	BSEnviro	Degrimont	Thermax
		UEM	DOSHION	
FIREFIGHTINGSYSTEM				
195	GasBasedFireSuppressionSystem	Honeywell	Fike	Nohmi
196	Delugevalve/Solenoid valve/ Spray nozzle/Installation Control Valve	Victaulic	SmithCopper	Anvil
197	FirePumps	Mather&Platt(WILO)	Grundfos	Kirloskar
		KSB		
198	FireBuckets	Safegaurd	Lifegaurd	Swastik
		Minimax		
199	FireExtinguishers	Safegaurd	Lifegaurd	Swastik
		Minimax		

200	Fire Hydrant Valves/ Fire RRL Hose Pipes / Fire Hose Reels/FireMan’sAxe/short branch pipe/ 2/ 3/4 FB inlet/ draw Out connection/Hose Box/ Hose reel drum /Nozzle/blankCaps& Chains / Coupling	Minimax	Safex	Newage(Surendranagar)
201	Flowswitch	Potter	Rapidflow	Danfoss
		Viking	-	Honeywell
202	Pipecoatmaterial (pipeprotection)	Pypcoat	Makphalt	
203	Pipe Hangers/ Clamps/Supports	Chilly	GMGR	CAMRY
		Hilti		
204	MildSteelPipes	JindalHissar	PrakashSurya	Tata
		SAIL		
205	WeldElectrodes	Advani	ESAB	L&T
		Victor		
206	PressureGauge	Fiebig	H.GURU	HD
		BRC		
207	PushButtons/Indicating lamps LED	As per respective electrical make list		
208	SinglePhasePreventer	As per respective electrical make list		
209	Solenoidvalve/Spraynozzle	HD	Tyco	Danfoss
		Honeywell		
210	SprinklerHeads (Sidewall/Upright/ Pendant)	Grinnel-Tyco	Viking	HD
211	SprinklerFlexibleDrops	Victaulic	SmithCopper	Anvil
212	MSForgedFittings	New	DRP	VS
		SS		
213	PopupConnectingAssembly	RainBird	Dura	Lasco
214	PopupSprayHead	RainBird	Toro,USA	Nelson,
215	PowderCoatingMaterialpurePoly ester	Jotun	Berger	GoodlassNerolac
216	RQRCHydrant	Harvel	Alprene	RainBird,USA
217	RQRCKey	Harvel	Aqua	Drip&Drip
218	CI Butterfly Valves/SluiceValves	Zolato	Audco	Sant
		DRP		
219	CIDualPlateCheckValves	Zolato	Audco	Sant
		DRP		
220	CIStrainers	Zolato	Audco	Sant
		DRP		
221	VibrationEleminators/ Rubber Bellow	Resistoflex	D’wren	Kanwal
222	ElectricWires&Cables	AsperElectricalMakeList		
ELECTRICALWORKS				
223	AIR CIRCUIT	SCHNEIDER(MVS)	L&T(UPower)	ABB(E-Max)

	BREAKER(MODEL SHALL BE AS PER TENDER SPECIFICATION&BOQ)	SIEMENS(3WL)	Hager	Mitsubishi Electric (AE-SW)
224	MCCBS BREAKER (MODEL SHALL BE AS PER TENDER SPECIFICATION&BOQ)	SCHNEIDER(CVS)	L&T(D-Sine)	ABB(T-Max)
		SIEMENS(3VA)	Mitsubishi Electric (AE-SW)	
225	SFU/FSU/HRC/ HBC FUSES & BASES	L&T	SIEMENS	SCHNEIDER
		ABB		
226	MCB/ELCB/RCCB/ RCBS/ DISTRIBUTION BOARDS(DOUBLE DOOR IP43 DBs)	LEGRAND	HAGER	SIEMENS
		SCHNEIDER	ABB	L&T
227	AUTOMATIC TRANSFERSWITCH/ CHANGE OVER SWITCH(OFFLOAD/ ON LOAD)	HAVELLS	SOCOMEK	ASCO
		L&T	ABB	HAGGER
228	METAL CLAD SHEET STEEL ENCLOUSER SOCKET/ PLUG BOX	L&T	SCHNEIDER	SIEMENS
		ABB	LEGRAND	BS
229	LOADBREAK SWITCHES	L&T	SIEMENS	SCHNEIDER
230	FRLS/XLPE INSULATED COPPER WIRES/CABLES (ARMOURED OR OTHERWISE)	POLYCAB	FINOLEX	HAVELLS
		RR KABAL		
231	MODULAR PLATE SWITCHES AND SOCKETS	LEGRAND	SCHNEIDER	MK
		WIPRO(Northwest)	HAVELLS	
232	TRIVECTOR METER/ AMP METER/ VOLT METER/ ENERGY METER/ MFM	NEPTUNE	SECURE	CONZERV
		SCHNEIDER	SOCOMEK	TRINITY
233	FAÇADE&EXTERNAL LIGHTING	HAVELLS	BAJAJ	TRILUX
		PHILIPS	LT	
234	TELECOMMUNICATION/ TVCABLE	FINOLEX	POLYCAB	HAVELLS
235	MAIN LT PANEL/ APFC PANELS(TTAIS:8623-1)	CONQUERENT- ABB	L&T	SIEMENS
		CROMPTON	SCHNEIDER	-
236	BUSBAR	JINDAL	HINDALCO	CENTURY
237	FRLS PVC CONDUIT/ FLEXIBLE CONDUIT&ACCESSORIES (ISI MARKED)	BEC	AKG	POLYCAB
		CAP		
238	STEEL CONDUIT/ FLEXIBLE& ACCESSORIES(ERW) (ISI MARKED)	RMCON	BEC	NIC
		MKAY		

239	LT PANEL/ PCC/ MCC/ MCBS/ DG SYNCHRONIZING PANELS/ PANELS/ CONTROL PANELS/ FEEDER PILLARS/ SERVICEPILLAR/H.T. PANEL	ABB	L&T	SIEMENS
		CROMPTON	CONQUERENT	RYBNE
		KRATOS	LOTUS CONTROL	TRICOLITE
		1)PANELMANUFACTURERMAKEAPPROVALSHALLBE TAKENBYUNITINCHARGEBEFOREORDERTHEPANEL.		
		2) FABRICATIONFACILITYUPTOIP54/55. 3) 9TANKPRETREATMENTFACILITIESFORSHEET.		
240	CONVENTIONAL BUSTRUNKING& RISING MAINS	SAMEDOAS THAT OF THE LT PANELS		
		SIEMENS	L&T	SCHNEIDER
		EAE	C&S	
241	SANDWICH BUSDUCT(FCLASS)	SCHNEIDER	L&T	C&S
		EAE	GODREJ	
242	BAKELITESHEET	HYLAM	FORMICA	GREENLAM
243	VOLTAGE TRANSFORMERS	SIEMENS	GE/AREVA	KIRLOSKAR
		-	ABB	-
244	HTPANEL	SIEMENS	L&T	ABB
		SCHNEIDER	-	-
245	CEILING FAN/ EXHAUSTFAN	CROMPTON	BAJAJ	USHA
		HAVELS	ORIENT	
246	TAGBLOCK	KRONE	ERICSON	TVAR&M
247	TRANSFORMERS	ARIVA	PVJ	CROMPTON
		KIRLOSKAR	-	-
248	AUTOMATIONPOWER FACTORCONTROL RELAY	L&T	SIEMENS	SCHNEIDER
		ABB		
249	CAPACITORS & REACTORS	L&T	SIEMENS	SCHNEIDER
		ABB		
250	CABLE GLANDS (DOUBLE COMPRESSION WITH EARTHING LINKS)	DOWELLS	COMET	GRIPWELL
251	BI-METALLIC CABLESLUGS/PVC GLANDS	DOWELLS	ACTION	JAINSONS
		KABEL		
252	CABLE JOINTING KITS	RAYCHEM	JAINSONS	3M
		DENSONS		
253	G.I CABLE TRAYS FACTORY FABRICATED) / RACEWAYS	NPES	KAMBOJ ELECTRO CONTROL	ADITYASTEEL
		SLOTCO	LEGRAND	
254	BATTERY(SEALED MAINTENANCE FREE)	AMCO	EXIDE	AMARARAJA
		LUMINUS		
255	BATTERYCHARGER	AMARARAJA	STATCON	CROMPTON GREAVES
256	DGSET	POWER CONTROL SYSTEM& SWITCHGEAR VIDYUT ENTERPRISES		
		CATERPILLAR	CUMMINS	MAHINDRA

		mitsubishi	perkins	jackson
257	DGSETALTERNATOR	STAMFORD	LERROY SOMMER	CROMPTON
258	CONTROLGEAR (CONTRACTORS ETC.)	L&T	SIEMENS	SCHNEIDER
		ABB	C&S	
259	PROTECTIONRELAYS MICROPROCESSE R BASED	AREVA	L&T	ABB
		SIEMENS	SCHNEIDER	
260	EARTHLEAKAGE RELAY	L&T	PIC	MINILEC
		EATON		
261	SINGLEPHASING DEVICE	L&T	SIEMENS	MINILEC
262	PUSHBUTTONS	L&T	SIEMENS	SCHNEIDER
		ABB		
263	TIMERELAYDEVICE	L&T	SIEMENS	SCHNEIDER
		ABB		
264	SELECTORSWITCHES &ROTARYSWITCHES	L&T	SIEMENS	SCHNEIDER
		ABB		
265	INDICATINGLIGHTS	L&T	SIEMENS	SCHNEIDER
		ABB		
266	TERMINALS	ELMEX	ESSEN	DEINKI
		WAGO		
267	MS SWAGED TUBULAR POLE STREETLIGHT POLES	PHILLIPS	ORIENTS	KESELEC
		BAJAJ	SKIPPER	
268	TELEPHONEOUTLETS	ASPERSWITCH/SOCKETMAKE.		
269	MOTORS	ABB	CROMPTON	SIEMENS
		KIRLOSKAR	-	-
270	IPBAX &TELEPHONE SYSTEM	SIEMENS	ERICSSON	MITEL
		ALCATELLUCENT		
271	MULTI-METER & MEGGARS	ESCROP	MOTWANI OR EQUIVALENT	
272	PROGRAMMABLE LOGICCONTROLLER	SIEMENS	WOODWARD	ALLEN BRADLEY
273	SMART SURGEON CONTROL PANEL/OT'S PANEL	AS PER SPECIFICATIONS		
274	EARTHING/LIGHTNING PROTECTION UNIT	ARICO	LPI	JMV
		ABB		
275	UPS	SCHNEIDER	EMERSON	TATALIBERT
		NUMERIC	GEPOWER	3EM
		ORION	RELIO	ELNOVA
		APC		
276	FIRE ALARM SYSTEM (All COMPONENTS SHALL BE UTILISTED & CONFIRM TO NFPASTANDARD)	HONEYWELL NOTIFIER	NOHMI	ADVANCED
		ASES Security		
277	PASYSTEM	HONEYWELL NOTIFIER	BOSE	NOHMI

		TANOY	FUNKTION	JBL
278	PUMPS	WILLO	KIRLOSKAR	KSB
		XYLLUM	CG	-
279	AVIATION OBSTRUCTIONLIGHT	WIPRO	PHILLIPS	CROMPTON
		BAJAJ	INSTAPOWER	-
280	HIGH MAST LIGHTINGSYSTEM	PHILLIPS	BAJAJ	CROMPTON
		INSTAPOWER	TRANSRAIL	-
281	LTSEVOAUTOMATIC VOLTAGE STABILIZER	AE	LOGICSTAT	LD POWER TRANSFORMER S (PVT.)LTD.
282	D.G.SETACCOUSTIC ENCLOSURE	ASPERD.G.APPROVEDBYOEM		
283	M.S.PIPE	TATA	JINDAL HISSAR	SAIL
		PRAKSHSURYA		
284	BUTTERFLY / BALANCINGVALVE	ZOLOTO	AUDCO	SANT
		DRP		
285	COOLING TOWER	BELL	PAHARPUR	DELT A
286	POTSTRAINER/ Y STRAINER	ZOLOTO	EMERALD	SANT
		DRP		
287	CCTVCAMERA/ DVR / NVR	HONEYWELL	SONY	BOSCH
		HIKVISION	SAMSUNG	PANASONIC
		SIEMENS	JONSON	PELCO
288	ACCESSCONTROL	BOSCH	TYC O	HONEYWELL
289	CAT6A	CISCO	D-LINK	NETGEAR
290	MINERAL INSULATEDCOPPER CABLE FOR PA AND FDA	DRAKA	PYROTENAX	RSCC
291	FIRESUPPRESSION SYSTEM	HONEYWELL	FIKE	NOHMI
292	RESIDENTIAL SILENCER	NELSON	CUMMINS	PKENGINEERING
293	TEMPERATURE GAUGES	H GURU	FEIBIG	WIKA
		BELL		
294	VIBRATOR ELIMINATOR	KANWAL	RESISTROFLE X	D'WREN
295	INSULATION	UP TWIGA	KIMCO	LLYOD
296	WELDELECTRODES	ADVANI	ESAB	L&T
		VICTOR		
297	BOOMBARRIER	FAAC	GODREJ	SOMFY
298	DWCHDPE PIPE	FINOLEX	ASTRAL	ASHIRVAD
		SUPREME		
298	INVERTER	MICROTEK	LUMINOUS	SU-KAM
299	NURSECALLSYSTEM	SCHRACK SECONET	HONEYWELL	RAULAND-BORG
		PIECO		
300	SEMIROTARYTYPE HAND FUEL FILLINGPUMP	ROTODEL	KITTY	GROZ
301	SOLARPVMODULE	ADANI	VIKRAM	TATA
302	SOLARINVERTER	DELTA KOTAK URJA	NEOWATT	SCHNEIDER
303	DCCABLE	POLYCAB	HAVELLS	FINOLEX

304	MC4CONNECTOR	SYNERGY	SETLLAR	SCHNEIDER
305	Fire fighting & electrical Control Panels, Tube bases gas fire suppression system, Fire door	ASES Security		
306	Insulated copper wire & cables, PVC Conduit, Flexible Conduit, Steel Conduit, GI Cable tray, PVC insulated single core Unsheathed Industrial cable	AKG	RM COM	Finolex
		RR kabel	NICCO	POLYCAB
		LEGRAND		
HSDWORKS				
307	BUTTERFLY/ CHECKVALVES	ZOOTO	AUDCO	SANT
		DRP		
308	BALLVALVE	GIACOMINI	ZOOTO	SANT
		DRP	NEW	
309	LEVELCONTROLS	LEVCON	MINILEC	FEMACK
310	FUEL OIL PUMP/ OILFLOWMETER	REACTOR	KESHCO	TUSHACO
		KENT		
311	ALLPOWER AMPLIFIERS	BOSE	POWERSOFT	ELECTROVOICE
		BOSCH		
312	ALLLOUDSPEAKERS, LINE ARRAYS AND SUBWOOFERS IN CLASS ROOMS AND AUDITORIUMS	BOSE	MARTIN AUDIO	D&B AUDIOTECHNIC
		BOSCH	ELECTO VOICE	
313	CEILINGSPEAKER (AUDIO/ VIDEO)	BOSE	MARTIN AUDIO	D&B AUDIOTECHNIC
		BOSCH	ELECTO VOICE	
314	STAGELIGHTING	CANARA LIGHTING	MARTIN LIGHTS	ROBE
315	NETWORKSWITCH	CISCO	D-LINK	NETGEAR
316	ALL SWITCHING&C ONTORLS, RECEIVERS, TRANSMITTERS, SCALER EXTENDER	KRAMER	CRESTRON	EXTRON
317	PROJECTOR	BARCO	CHRISTIE	DIGITAL PROJECTION
318	ELEVATORS	KONE	OTIS	MITSUBISHI
		SCHINDLER	JONHSON	
319	LIGHTFIXTURES(LED)	LEGERO	INSTAPOWER	PHILIPS
		TRILUX	LT	CROMPTON
320	MOTORIIZEDSCREEN IN CLASS ROOMS AND AUDITORIUMS	DALITE	DRAPER	SUVIRA
321	FLATPANALDISPLAY	CHRISTIE	NEC	PLANAR
322	DOCUMENTCAMERA	ELMO	LUMENS	WOLFVISION

323	HIGHDEFINITION VIDEO CONFERENCING	CISCO	POLYCOM	SONY
324	CAMERASECONDARY	LUMENS	POLYCOM	SONY
325	MULTI FORMAT PRESENTATION SWITCHER WITH CONTROL PROCESSOR IN CLASSROOMSAND AUDITORIUMS	AMX	CRESTRON	EXTRON
		BOSCH		
326	WIRELESSTOUCH PANEL WITH ACCESSORIES IN CLASS ROOMSAND AUDITORIUMS	AMX	CRESTRON	EXTRON
		BOSCH		
327	CONFERENCESYSTEM IN CLASS ROOMS ANDAUDITORIUMS	BOSCH	BRAHLER	SCHINDLER
328	DELEGATEAND CHAIRMAN MICROPHONES	BEYERDYANMIC	BRAHLER	BOSCH
329	HANDHELD AND LAPELMICROPHONES	BEYERDYANMIC	BRAHLER	BOSCH
330	DIGITALSIGNAL PROCESSOR	BOSCH	BRAHLER	SENNHEISER
331	VGAWITHAUDIO PATCH CABLE	KREMER	CRESTRON	EXTRON
332	DIGITALVIDEO CABLE NON- PLENUM	KREMER	CRESTRON	EXTRON
333	CONTROLCABLE	BELDEN	CRESTRON	EXTRON
334	MICROPHONECABLE	KRYSTAL	CRESTRON	EXTRON
		-	BELDEN	-
335	AUDIOAND STEREOCONTROL CABLE	BELDEN	CRESTRON	EXTRON
		KRYSTAL		
336	SHIELEDCHIELED CAT6A/FIBRE CABLE	CISCO	D-LINK	NETGEAR
337	BULKCONNECTORS	NEUTRIK	SWITCHCRAFT	AMPHENOL
338	EQUIPMENTRACK	CHIEF	MIDDLE ATLANTICA	VALRACK
339	LIGHTING CONTROLLER/ MANAGEMENT SYSTEM	LUTRON	ZUMTOBEL	HONEYWELL
340	SMARTPODIUM	PEOPLELINK	AHA	LUMIN
341	INTERATIVEWHITE BOARD	PROMETHEAN	HITEVISION	SMART
342	COUNTDOWN CLOCK	BIGTIMECLOCKS	ULTRAK	BANGGOOD
343	COMPUTER	HP	DELL	IBM
344	MONITOR	SAMSUNG/DELTA	PANASONIC	CHRISTIE
345	12BAYNAS	NETGEAR/CISCO	DELL	HP

346	10GCORESITCH	NETGEAR/CISCO	DELL	HP
347	L3POEPLUSSWITCH	NETGEAR/CISCO	DELL	HP
348	DUALBAND11 AC ACCESS POINT	NETGEAR/CISCO	DELL	HP
349	10GSINGLEMODE SFP+ MODULE	NETGEAR/CISCO	DELL	HP
350	SECURE NETWORK SERVER	CISCO	DELL	HP

HVACSYSTEMWORKS

CHILLERS

351	Water Cooled Centrifugal Chillers With VSD (AHRI Certified)	Carrier	Daikin	Trane
		York	Kirloskar	
352	Rotary Screw Water-cooled Water Chilling Machine (AHRICertified–200TR& Above)	Carrier	Daikin	Trane
		York	Kirloskar	
353	VRV/VRFSsystem(Outdoor /IndoorUnits,CopperY Joints andFittings,Central& Remote Controller)	Daikin	Toshiba	Mitsubishi
		O General		
354	Air-cooledDuctableSplit Unit	Daikin	Hitachi	Carrier
355	Air-cooledPackagedUnit	Daikin	Hitachi	Carrier
356	AirCooledHi-wall/ Cassette Unit	Daikin	Hitachi	Carrier
357	AirCooledPrecisionACUnit	Emerson	APC	Stulz
		BlueBox		
358	Horizontal Split Casing / VerticalInline/EndSuction /MonoblockPumpSets(For Primary CHW Pumps & CondenserWaterPumps& Hot Water Pumps)	ITTXylem	Armstrong	Grundfoss
359	Variable Speed PumpingSystem(For Secondary ChilledWaterPumpsMotors)	ITTXylem	Armstrong	Grundfoss
360	Variable Frequency Drive (ForPumps,CoolingTower & AHU)	Danfoss(FC102)	ABB(ACH 550)	Siemens(Sinamics G120P)
		VTS		
361	ExpansionTank	Xylem-ITT	Armstrong	Grundfos
		Anergy		
362	Cooling Tower (CTI/JCIAApproved& Certified)	Paharpur	DVR	Advance
		Bell		
363	Air&DirtSeparator, AutomaticAirVent, Vacuum Degasser	Spirotech	Spirotherm	Anergy
		Caleffi		
364	HotWaterGenerator&Pan Humidifier	KEPL	Emerald	RapidCool

365	Electrochemical Water Treatment & Disinfection System(For AC Plant)	Elgressy	Terragon	ENPAR Technologies
366	Air Handlers Unit	Flaktwood	Systemair	Ultrasure
		Edgetech		
367	Fan Coil Unit	Flaktwood	Systemair	Ultrasure
		Edgetech		
368	AHU Fans (AMCA Certified for Sound & Performance)	Kruger	Wolter	Nicotra
		Greenheck		
369	Heat/Energy Recovery Wheel	DRI	Greenheck	Flaktwood
370	Air-washer & Wet Scrubber	Ultrasure	Systemair	Flaktwood
		Edgetech		
371	Dry Scrubber	Trion	Rydair	-
372	Scrubber & Air-washer Fans (AMCA Certified for Sound & Performance)	Kruger	Greenheck	Nicotra
373	Acoustically Insulated Box Type Inline Fans	Ostberg	Kruger	Wolter
		Saksham		
374	Axial Fan / Centrifugal Fan (AMCA Certified for Sound & Performance)	Greenheck	Airflow	Kruger
		Systemair	Flaktwood	
375	Propeller Fan	GE	Usha	Bajaj
376	Three phase motors	ABB	CG	Siemens
		Marathon		
377	Three phase motors (250°C for 2 Hours)	Marathon	Havells-Lafert	Baldor
378	Water Piping Upto 150mm dia	Tata	SAIL	Jindal Hissar
		Prakash Surya		
379	Water Piping Above 150mm dia	Tata	MSL	Jindal
		Prakash Surya		
380	Y-strainer/Pot-strainer	Emerald	Sant	Rapid Cool
		Zoloto		
381	Butterfly Valve (Manual & Motorized)	Advance	DRP	Zoloto
		Leader		
382	Actuator for Motorised Butterfly Valve	Belimo	Siemens	Danfoss
		Honeywell		
383	Manual Balancing Valve	Advance	Zoloto	Leader
384	Dual Plate Check Valve	Advance	Zoloto	Leader
385	FCU Valve Station	Calefi	CNM	ATS
386	Pressure Independent Control Cum Balancing Valves/High Rangeability Valve	DANFOSS	JOHNSON CONTROL	SIEMENS
		ANERGY		
387	Thermostat/Humidistat	DANFOSS	JOHNSON CONTROL	SIEMENS
		ANERGY		
388	Globe/Ball Valve (With or Without Strainer)	Advance	AIP	Zoloto
		Leader		
389	Auto Air Vent Valve	Calefi	Spirotech	Anergy
390	Pressure Gauges	Feibig	Emerald	H Guru
		Taylor		

391	Industrial Type Thermometer(Alcohol filledVform)	Feibig	Emerald	H Guru
		Taylor		
392	GSSSheet	Sail	Tata	Jindal
393	FactoryFabricatedDuct	Zeco	Ductofab	Waves
		Projtech		
394	AluminiumSheet	Hindalco	Balco	Nalco
395	VibrationIsolationSpring& Flexible Pipe Connector	Easyflex	Resistoflex	Dunlop
		Kanwal		
396	VAVBoxes	Trox	Zenesty	Johnson
		Trane		
397	CAV	Zenesty	Trox	Trane
398	Fire&SmokeDamper	SystemAir	Zenesty	Trox
		Titus		
399	FireDamperActuator	Belimo	Siemens	Honeywell
400	Extrudedaluminumgrills/	SystemAir	Zenesty	Titus
	Diffusers			
401	PreFilters,FineFilters&Hepa Filters	Thermodyne	Spectrum	Mechmark
402	ClosedCellFireRetardant XPE(ForDuctInsulation)	Paramount	Supreme	Trocylene
403	NitrileRubberForPipe/ Duct Insulation (With echanical&UVProtection)	Armacell	Supreme	Kflex
		ALPAeroflex		
404	V Belt	Dunlop	Fenner	Hilton
405	FibreGlassRigidBoard	U.P.Twiga	Owencorning	Kimco
406	Paints	ICI	Asian	Berger
		Nerolac		
407	Tarfelt/CPRXcompound	Shalimartarproduct	-	-
408	DashFasteners	Fisher	Hilti	Bosch
409	Welding Rods	Advani	L&T	Esab
410	InsulatedFlexibleDuct	Atco	Caryaire	Zenesty
411	Duct/PipeSupport	Easyflex	Gripple	Resistoflex
		Hilti		
412	CopperRefrigerantPiping	Mandev	Rajco	ShreeShyam
		Mexflow		
413	CopperRefrigerant Pipe Insulation	Armacell	ALPAeroflex	Kflex
		Supreme		
414	DuctMountedBio- polar IonizationSystem	Ruks	Trimed	PlasmaAir
415	IntelligentAirFiltrationSystemwit h UVC/UVGI	Yumito	Zenesty	Flowhex
416	Imported AHU/UVC/CoiloTron/ UVGI	Ruks	Trimed	Pureair
417	PreinsulatedDuctingfor Conditioned Air	Easy(mecheasy)	P3	ALP
418	SmartAntiFouling CondenserSystem	CET	Energeo	CQM
419	HeaterBank	DasPass	Escorts	KEPL
420	UV&Weather protectiveCoating	Pidilite	Foster	Amicon
421	MagnehelicGauges	MitbrausInstruments	Dwyer	Omicron

422	ElectricalPanel,Console Panel & Sub-Panels	RYBNE,	KRATOS	LOTUS CONTROL
		TRICOLITE		
423	TDRs	LT-LK	BCH	
424	VacuumDegasser	SpirotechAnergy	Comfort	Spirotherm
425	BMSSystem	Asperspecifications		
426	Software	Honeywell-Webs	DELTA	ABB
427	NetworkAreaController	Honeywell-Webs	DELTA	ABB
428	ThirdPartyIntegrator	Honeywell-Webs	DELTA	ABB
429	CentralandDDCCControllers	Honeywell-Webs	DELTA	ABB
430	UltrasonicBTU/FlowMeters	ForbesMarshall	Landis&Gyr	Fuji
		Omicron		
431	Immersion TemperatureSensor	Honeywell	DELTA	ABB
		Omicron		
432	Return Air TemperatureSensor	Honeywell	DELTA	ABB
		Omicron		
433	Network/RemoteOperatorTermin al	Honeywell	DELTA	ABB
434	SmokeSensor	Honeywell	DELTA	ABB
		Omicron		
435	TemperatureplusRHSensor	Honeywell	DELTA	ABB
		Omicron		
436	DifferentialPressure Switch- Air	Honeywell	DELTA	ABB
		Omicron		
437	DifferentialPressure Switch- Water	Honeywell	DELTA	ABB
		Omicron		
438	Computer	ZENIBM	HP	Dell
439	LaserPrinter	HP	Sharp	Canon
440	CAT-6Cable	Molex	FusionPolymer	belden
		R&M		
441	SignalCable	Polycab	Skytone	Versha
442	CO2Sensor	Honeywell	Omicron	Vishala
443	CO Sensor (Electro ChemicalGelBased)	Honeywell	Omicron	Vishala
444	LevelSwitch	Honeywell	Omicron	Vishala
445	CurrentRelay	Honeywell	Omicron	Vishala
446	DCVoltageTransducer	ABB	Honeywell	Seto
		Mosibus		
447	Multifunction Meter withCommunication Port	AVK-SEGC		
448	LuxLevelSensor	Honeywell	ALC	ABB
		Omicron		
449	Differential Pressure Transmitter-Air	Honeywell	ALC	ABB
		Omicron		
450	PressureTransmitter-Water	Honeywell	ALC	ABB
		Omicron		
451	Digital Thermostat /Humidistat	Honeywell	ALC	ABB
		Omicron		

452	Video Conferencing System	POLYCOM , TANDBERG, SONY
453	Quad BRI module for Video conferencing unit	POLYCOM , TANDBERG , SONY
454	Plasma / LCD / LCD-LED Display Panel / TV	PANASONIC / SONY/ SAMSUNG/BOSE VIDEO WAVE
455	LCD / DLP/ LED Projector	CHRISTIE/ SONY / NEC / EPSON
456	Audio / Video/ Computer signal processing equipment - Switcher , Distribution amplifier , Scaler	KRAMER / EXTRON /BOSE
457	Manual Pull down / Motorized Projection Screen	LIBERTY / DRAPER
458	Motorized ceiling Lift	LIBERTY / DRAPER
459	Projector Mount	ANSON/ DRAPER / LIBERTY
460	Low noise shielded Video signal cable	KRAMER / EXTRON/ BOSE/ GOTHAM/ KLOTZ
461	VGA to HDMI converter / scaler	KRAMER / EXTRON /BOSE
462	Table Pop up box with VGA /HDMI/ RJ 45 / Power / Audio	KAMER / EXTRON/ MAGNUM/ BOSE
463	VGA , BNC , RCA connector	KRAMER / NEUTRIK /BOSE
464	Pan / Tilt / Zoom - Dome / Robotic camera	SONY / SAMSUNG
465	Digital Twisted pair Audio / Video encoder transmitter / receiver	KRAMER / EXTRON
466	Digital Video Recorder	SAMSUNG/ BOSCH / SONY
467	Professional grade CD/ DVD player	TASCAM/ SONY/ PANASONIC
468	Low noise composite video cable	KRAMER / EXTRON/GOTHAM/ KLOTZ /BOSE
469	Digital Interactive Pen display	WACOM -JAPAN/ QOMO
470	Document Camera	QOMO / LUMENS
471	Wall plates with VGA / HDMI / Analog Audio	KAMER / EXTRON/ MAGNUM
472	Skew free data cables	KRAMER / EXTRON
473	wired/ wireless touch screen control system pack for controlling audio, video, lighting & other electrical equipment	CRESTRON/ AMX

474	Video Wall & video wall processor	VTRON / CHRISTIE
475	In Ceiling / In Wall Speaker	JBL / BOSE /TANOY / FUNKTION
476	Professional Audio Amplifier / Mixer amplifier	CROWN / BOSE / BITTNER / QSC/ OHM/ LAB-GRUPPEN
477	Table embedded Microphone	CROWN/ AKG/ SENNHEISER / SHURE
478	Boundary Layer Microphone	CROWN/ AKG/ SENNHEISER / SHURE
479	Dynamic Microphones for Vocal / Musical instrument	CROWN/ AKG/ SENNHEISER / SHURE
480	UHF cordless Microphone - Handheld/ Lapel /Headworn	CROWN/ AKG/ SENNHEISER / SHURE
481	Digital Programmable audio processor with Mic, Line input , Auto echo cancellation , auto adjustable noise threshold	BIAMP-USA / BOSE / BSS -LONDON
482	Analog Audio mixer with pahatom power	BOSE/ AKG/ CROWN/ SOUNDCRAFT / ALLEN HEATH
483	Automatic Feedback suppressor with programmable Fixed & Live filters	DBX/ BOSE/ SHURE
484	Automatic audio mixer with AGC , Compressor , Phantom power , Gain adjustment	AKG/ BIAMP/ SHURE/ BOSE / SOUND CRAFT / MAKIE / ALLEN HEATH
485	Loudspeaker management processor	DBX/ BOSE
486	Audio Conferencing system Wired/ Wireless	BOSE/ AKG/ BOSCH/ SHURE / SENNHEISER/ BEYERDYNAMIC / CROWN
487	Low noise two core speaker cable	KRAMER/ EXTRON/ KLOTZ/ GOTHAM/BOSE
488	Low noise two core audio signal cable	KRAMER/ EXTRON/ KLOTZ/ GOTHAM / BOSE
489	Professional grade patch cord for VGA / HDMI / Audio	BANDRDGE / KRAMER
490	Audio XLR / RCA / Phono/ BNC connector	NEUTRIK/ AMPHENOL
491	Equipment Rack	APW / VALRACK
492	Online / Off Line UPS system	APC / NEUMERIC/ ORION
493	Servo controlled stabilizer	VERTEX / MAX
494	Dimmable Ballast - (Analog, DALI , DSI) for Crestron/ AMX control	OSRAM/ PHILIPS / TRIDONIC -ATCO
495	Analog to DSI converter for Dimmable Ballast	OSRAM/ PHILIPS / TRIDONIC -ATCO

496	ISI Marked casing 'n' capping	AKG/ PRECISION/ PRESTO PLAST/ POLYCAB /RICHA/ J PLAST/ PLAZA
497	FLUSH TYPE SWITCH	ANCHOR PENTA/GOLD MEDAL /KOLOR KANY.KOM/ HAVELLS
498	CEILING ROSE	ANCHOR/GOLD MEDAL /KOLOR KANY.KOM
499	2MM THICK / HEAVY RIGID PVC IS: 9537 PART - III CONDUIT	BERLIA/ AKG / PRECISION
500	MS CONDUIT	AKG /BEC/ SUPREME
501	G.I CONDUIT	AKG /TATA
502	METAL BOXES	18 S.W.G
503	PLAIN PENDENT HOLDER	ANCHOR PENTA PC CHERRY OR EQUIVALENT /GOLD MEDAL /KOLOR KANY.KOM/HAVELLS
504	BATTEN HOLDER	ANCHOR PENTA PC CHERRY OR EQUIVALENT /GOLD MEDAL /KOLOR KANY.KOM/HAVELLS
505	BUS BAR CHAMBER	HPL/ GECO
506	METAL CLAD SWITCH FUSE UNIT	HPL/ GECO / ANCHOR
507	SWITCH GEAR & PROTECTION	ABB, SCHNEIDER MG, LEGRAND, HAGER
508	MCB (CONFORM TO IS / IEC 60898- 1:2002) / MCCB (CONFORM TOIS/IEC 60947-2) RCCB (CONFORM TOIS/IEC 12640 / 61008) RCBO	
	B SERIES, MCB	SCHNEIDER MG, LEGRAND, HAGER, ABB, L&T
509	C SERIES, MCB	SCHNEIDER MG, LEGRAND, HAGER, ABB, L&T
510	D SERIES, MCB	SCHNEIDER MG, LEGRAND, HAGER, ABB, L&T
511	RCCB	SCHNEIDER MG, LEGRAND, HAGER, ABB, L&T
512	RCBO	SCHNEIDER MG, LEGRAND, HAGER, ABB, L&T
513	SURGE PROTECTION & OVER VOLTAGE PROTECTOR	SCHNEIDER MG, LEGRAND, HAGER, ABB, L&T
514	MCCB WITH THERMAL & MAGNETIC RELEASE, 25 KA 415V 50 HZ 3P MCCB	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
515	35/36 KA 415V 50 HZ 3P MCCB	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
516	50 KA 415V 50 HZ 3P MCCB	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
517	25 KA 415V 50 HZ 4P MCCB	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER

518	35/36 KA 415V 50 HZ 4P MCCB	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
519	50 KA 415V 50 HZ 4P MCCB	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
520	36KA, 3P MCCB WITH MICROPROCESSOR OR RELEASE	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
521	50KA	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
522	3P MCCB WITH MICROPROCESSOR RELEASE	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
523	36KA	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
524	50KA	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
525	70KA	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
526	4P MCCB WITH MICROPROCESSOR RELEASE 36KA/ 50KA/ 70KA	SCHNEIDER, LEGRAND, SIEMENS, ABB, L&T, HAGER
527	CHANGE OVER	ABB, SCHNEIDER, LEGRAND, L&T
528	SWITCH DISCONNECTOR FUSE UNIT	ABB, SCHNEIDER, LEGRAND, L&T
529	READYMADE PANEL (BOX ONLY)	LEGRAND/ L&T/ ABB/ SCHNEIDER
530	SUPPLY ONE COMPOSITE CONTROL PANEL FOR UNMANNED OPERATION	CATERPILLER/ ABB/ SCHNEIDER/ JAKSON
531	CONTROL PANEL, MADE OF RUGGED, CORROSION-RESISTANT ENCLOSURES, MADE OF HOT-DIP GALVANIZED SHEET STEEL ACCORDING TO STANDARDS: ISO 1461, IEC 60439-1AND IEC 60439-5 FOR ENVIRONMENT CLASSED C1 AND C2 TO, ISO 12944-2	ABB/SCHNEIDER/ L& T/ SIEMENS/ LEGRAND
532	SPECIAL OUT DOOR FEEDER PILLAR	ABB/SCHNEIDER/ L& T
533	ADVANCED LIGHTNING PROTECTION SYSTEM	ABB or equivalent
534	LUMINAIRES	PHILLIPS / WIPRO/ JAQUAR / CROMPTON GREAVES
535	LED INDOOR	PHILLIPS / WIPRO/ JAQUAR/ CROMPTON GREAVES

536	HIGH MAST	BAJAJ/VALMONT/ PHILIPS
537	SECURITY SEARCH LIGHT	SIGMA
538	LIGHT WITH POLE	K - LITE
539	FAN	USHA / CROMPTON
540	AIR CARTAIN	CROMPTON GREAVES/VEE-DEE
541	AIR CONDITION	CARRIER AIRCON/ VOLTAS/ DAIKIN/ MITSUBISHI
542	VOLTAGE STABILIZER	VERTEX/ INDO/ VENUS
543	U G CABLE (HT)	HAVELLS/ RPG/CCI/POLYCAB/ GLOSTER/ FINOLEX / NICCO
544	U G CABLE (LT)	HAVELLS/ RPG/CCI/POLYCAB/ GLOSTER/ FINOLEX / NICCO
545	CABLE GLAND,	COMET/ DOWELLS
546	TERMINAL,	COMET/ DOWELLS
547	TRAY,	LEGRAND/ AKG /STRUTFAST
548	FLOOR RACEWAY	MK/ LEGRAND
549	CABLE KITS	MS - SEAL/ RAYCHEM RPG
550	CABLE JUNCTION BOX	HENSEL/ BCH/ SINTEX
551	TRANSFORMER	RAYCHEM/KOTSONS/ DANISH/ NUCON / Kirloskar/ Crompton and UPTO 250 KVA LOCAL MAKE (AS PER CEA NORMS)
552	GALVANIZED POLE	BANSAL/SRP
553	OCTAGONAL POLE	BAJAJ/ PHILIPS/ VALMONT
554	GEYSER	RACOLD/Crompton/ JAQUAR
555	MOTOR PUMP SET	CROMPTON GREAVES/ CRI/ SIEMENS
556	DOL STARTER	CROMPTON GREAVES/ L& T / SIEMENS
557	SUBMERSIBLE PUMP SET	TEXMO / CROMPTON GREAVES/ CRI/ SIEMENS
558	DIESEL GENERATOR	CATERPILLAR, JACKSON
559	DECORATIVE BRACKET LIGHT.	PHILIPS, JAQUAR
560	PENDENT LIGHT.	PHILIPS, JAQUAR
561	CEILING FITTING LIGHT.	PHILIPS, JAQUAR
562	CHANDELIER FITTINGS.	JAQUAR

563	RISING MAIN	LEGRAND/L&T
564	AIR CIRCUIT BREAKER	ABB EMAX/L & T U POWER/ SIEMENS 3 WL/ SCHNEIDER MASTER PACT NW
565	MODULAR SWITCH	LEGRAND, SCHNEIDER
566	CABLE MANAGEMENT SYSTEM	RR EUBIQ / MK / SCHNEIDER/LEGRAND
567	EPABX	SIEMENS or equivalent
568	MONITORS	1)PELCO 2)PHILIPS 3)SAMSUNG 4)NEC
569	ACCESS CONTROL SYSTEM	1)HONEYWELL 2) SIEMENS 3)SCHNEIDER 4) JOHNSON CONTROL
570	POWER SUPPLY UNIT	1)EUROPLEX 2) SIEMENS 3)SEMCO4) JOHNSON
571	ADDRESSABLE FIRE ALARM & DETECTION SYSTEM	MORLEY / FIRELITE / APOLLO /HONEYWELL
572	CONVENTIONAL FIRE ALARM	AGNI/MORLEY/ APOLLO/NOTIFIER/SYSTEM SENSOR
573	LIFT	OTIS/ KONE/ MITSHUBISHI
574	INVERTER	SU-KAM/MICROTECH/LUMINOUS
575	BATTERY	EXIDE/ LUMINOUS
576	COMPACT SUB-STATION	SCHNEIDER / ABB / CROMPTON GREAVES
577	LAN WORK	DIGILINK/ FINOLEX/ LEGRAND
578	RACK FOR LAN WORKS	APW
579	AVR	ANDREW YULE
580	DEAD BODY CABINET	BLUE STAR
581	AUTOMATION	ABB/ PHILIPS/ SCHNEIDER/ PANASONIC/ HAVELS/ LEGRAND/ HAGER
582	APFC	SCHNEIDER/ L&T/ ABB/SIEMENS/ CROMPTON
583	SOLAR POWER	MNRE APPROVED MANUFACTURER.
584	CEILING FAN BOX	AKG or equivalent
585	HT PANEL	ABB/ SCHNEIDER/ CROMPTON/ SIEMENS
586	VCB	ABB/ SCHNEIDER/ CROMPTON/ SIEMENS
587	P.V.C. INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL	FINOLEX /RR KABEL /NICCO

	(MULTISTRAND) CABLE FR CONFORMING TO IS- 694: 1990 WITH FLEXIBLE BRIGHT ANNEALED ELECTROLYTIC COPPER CONDUCTOR FOR VOLTAGE GRADE UP TO 1100 VOLTS	
588	P.V.C. INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL FLEXIBLE CABLE CONFORMING TO IS-694: 1990 WITH FLEXIBLE BRIGHT ANNEALED COPPER CONDUCTOR FOR VOLTAGE GRADE UP TO 1100 VOLTS	FINOLEX /RR KABEL /NICCO
589	P.V.C. INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLE HFFR CONFORMING TO IS-694: 1990 WITH FLEXIBLE BRIGHT ANNEALED ELECTROLYTIC COPPER CONDUCTOR FOR VOLTAGE GRADE UP TO 1100 VOLTS	FINOLEX /RR KABEL /NICCO
590	CONTRACTORS	1. ABB 2. SIEMENS 3. L& T 4. SCHNEIDER 5.CUTLER HAMMAR
591	RELAYS	1. ALSTOM 2. SIEMENS 3. L& T
592	METERS	4. AVK-SEGC
593	OVER LOAD RELAY	1. CONNSERVE (MULTIFUNCTION METER FOR CURRENT, VOLTAGE, POWER, P.F , KWH.
AIR CONDITIONER MATERIALS		
594	G.I .SHEET	1) SAI 2) TATA 3) JINDAL 4) BHUSAN
595	STRUCTURAL SECTION	1) SAIL 2) TATA 3) ESSAR
596	FRESH AIR LOUVER	1) DYNACRAFT 2) CARRYAIRE 3) RAVISTAR
597	T.F. QUALITY EXPANDED POLYSYRENE	1) BEARDSSELL 2) TOSIBA
598	ENERGY RECOVER VENTILATOR	1) DRI Rotor 2) EQV / TO BE APPROVED BY THE EIC /ARCHITECT
599	AIR WASHER	1) AMBASSADOR 2) ROOT COOLING 3) ZECO

600	REFRIGERANT PIPES	1) VEDANTA 2) NIPPON TUBES 3) ZECO
601	FLEXIBLE COUPLING	1) RESISTOFLEX 2) FENNAR 3) KANWAL
	AnyMissingItem	PriorPermissionisrequiredfromUnitIncharge
	NOTE: All makes shall further confirm to standard specifications of each items as mentioned in technical specifications of tender documents.	

ACCEPTABLE MAKES

S.No.	Description of item	Acceptable Makes
SH : Telephone and LAN		
1	PIJF underground telephone cable	Polycab/Delton / Finolex / KEC/ Paramount
2	Optical Fiber Cable	Finolex / KEC/ Paramount / Birla Ericsson / Aksh Optifibre
3	LAN / Data/ Voice Networking components	D-Link/Digilink/Molex/Ponduit/Systimax/Tyco / HP
4	LAN Cable	Lucent / AT&T / AMP / Fusion Polymer / D-link / Belkin/legrand
5	Personal Computer	Dell/IBM/HP/Compaq
6	Laser jet Printer	HP / Canon / HCL
S.H:MiscellaneousItems		
7	CCTV	Sony/ Bosch/Honeywell/PELCO/HICKVISION
8	Desktop Document Camera	Lumen/ Elmo/Wolfvision
9	Camera, Joystick Controller	Sony/ Panasonic/ Bosch/Honeywell
10	LED TV/Display	Samsung/ Panasonic/ Sharp/ Sony
11	Video Conferencing Units	Polycom/Sonodyne/Cisco –Tandberg
12	LAN Cable	Lucent / AT&T / AMP / Fusion Polymer / D-link / Belkin/legrand
13	Personal Computer	Dell/IBM/HP/Compaq
14	Laser jet Printer	HP / Canon / HCL
15	RFID Door Lock	Godrej/Samsung
16	Any other item	TobedecidedbyEngineer-In-Charge
SH : Fire Detection and Alarm System		
17	Analog Addressable fire alarm system(Panel / Sounder / Manual Call box & accessories)	Notifier (Honeywell) / Edwards (United Technologies)/Cerberus(SIEMENS)/BOSCH
18	UL approved Fire alarm detector (smoke / heat / optical / multi-function etc.)	System Sensor/Apollo/ Edwards / Notifier
19	All types of Cables and Wires	Polycab / Finolex
20	Access Control System	Smart - i
21	RJ – 45, RJ – 11, TV Socket	Legrand / Schneider / Wipro