

**NAME OF THE WORK: “Construction of Office Building for Ministry of Skill Development and Entrepreneurship i.e. Kaushal Bhawan at New Moti Bagh, New Delhi on Design, Engineering, Procurement and Construction (EPC) basis”**

- a) Specification/ brands names of the materials to be used as the scope of work are listed here.the efforts should be made by the agency to use indigenous products. The agency should also consider the availability of spares parts/components for maintenance purposes while proposing any brand/manufacturer. The materials of any other brand/manufacturer may be proposed for use by the agency in case the brands specified below are not available in the market and /or agency intends to use some other brand better than the brands mentioned in this list.The alternate brand can be used only after the approval of Engineer –in –charge.
- b) The make of furniture/Interior and other finishing items shall meet the eligibility criteria mentioned in the tender and shall be used after approval of the Client or NBCC.

**LIST OF MAKES OF MATERIALS CIVIL WORKS**

S. No	Material	Approved Makes/Brands		
<b>STRUCTURAL &amp; CIVIL</b>				
1	Ordinary Portland Cement / Portland Pozzolona Cement	ACC	Ultratech	J. K Cement
		Lafarge	Ambuja Cement	Vikram
		L&T	Birla Corp. Ltd.	Jaypee - Rewa
2	White Cement	Birla Cement	J. K White	Lafarge
3	Ready Mixed Concrete (The contractor shall install his own computerised batching plant of suitable capacity as	ACC	L&T	JK Cement
		Ultratech	Grasim	NDCON

List of Approved Makes

	per approval of Engineer In-charge at suitable location to be arranged by contractor along with required no of transit mixers & concrete pump. Nothing extra shall be paid on this account, The RMC shall be procured from the approved list or source approved by EIC :-	AHLCON	ENPEECON	Prism-RMC
		NS Concrete		
4	Reinforcement Steel (TMT – Fe500)	SAIL	Tata Steel	RINL
		JSW Steel Ltd	TISCO	IISCO
		Shyam Steel	Electrosteel	Jindal Panther
5	Structural Steel/M.S. Tube	TATA	JSW Steel Ltd	SAIL
		Jindal Steel & Power Ltd	RINL	TISCO
6	Anti-Termite Treatment	Pest Control India Ltd	Pest Con India	Pest Control Incorporated
		Premier Pest Control Pvt. Ltd.		
7	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals	M.C.Bauchemie	Fosroc	Pidilite
		CICO	Sika	BASF
		Roffes Construction Chemicals	Ultracon	Fairmate
		CHRYSO	Ardex Endura	DON Construction Chemicals India Pvt. Ltd

List of Approved Makes

		Choksey	Perma	Asian Paints - Smartcare
		Kunal Conchem	Berger	MYK Schomburg
8	Waterproofing Compound (Crystalline)	BASF	Sika	Penetron
		Fosroc	Kryton	Fire Stone
		Ardex Endura	Kunal Conchem	Ultracon
		Greenseal Organix	Perma	Asian Paints - Smartcare
		CHRYSO	Berger-Home shield	Choksey
		MYK Schomburg		
9	Waterproofing Self Adhesive (HDPE ) Membrane	GRACE	Fosroc	Pidilite
		Kintop	Keshun	Kunal Conchem
		Polygomma	Asian Paints - Smartcare	CHRYSO
		Berger	Choksey	Kryton
		Ardex Endura	MYK Schomburg	
10	EPDM Waterproofing Membrane	Carlisle	Pidilite	STP
		Fire Stone	Polygomma	MYK Schomburg

List of Approved Makes

		Asian Paints - Smartcare	Choksey	Kryton
		CHRYSO	Ardex Endura	Kunal Conchem
		MYK Schomburg		
11	Polycarbonate Sheet	GE Plastic	Gallina	Danpalon
		Polygen	Sunlite	Macrolux
		Vergola	Midori	Zesta
		Palram		
12	Aluminium Shuttering	Maini	S-Form	Kumkang
		MFE Form Work		
13	Rebarring Chemical	Hilti	3M India	Birla
14	Fire Sealant	Hilti	3M India	Fischer
		Sealz	Alstroflam	Abacus
15	Parallel Threaded Couplers (Compliant to IS:16172:2014)	Dextra	Halfen Moment	G-Tech
		SNTP		
16	Extruded Polysterene Board	STP	Supreme	Owens corning, Shalimar

List of Approved Makes

		Styrofoam by DOW chemicals	Insuboard by Supreme Industries	
17	AAC Block	Aerocon	Builtech	Instablock
		Finecrete	Magicrete	JK
		Chelsea Concrete	Clavecon	ModCrete Blox
18	AAC Mortar	Ferrouscrete	Ultratech	JK
		Birla Aerocon		
19	Moisture Resistant Board	Saint Gobin	Gyprox	USG Boral
20	Veneered Particle Board	Merino	Duro	Greenply
		Archidply	Ecoboard	Action TESA
		Century	Green panel	Kitply
21	Laminated Particle Board / Laminates	Merino	Greenlam	Century
		Novapan	Duro	Ecoboard
		Archidlam	Formica	Amulya
		Action Tesa	Bison	Kitply
22	MDF	Valbopan	Green panel	Archidply
		Action Tesa	centry prowud	Kitply
23	PRE Laminate MDF	Merino	Green panel	Archidply
		Action Tesa	Virgo	centry prowud

List of Approved Makes

		Kitply		
24	Flush door shutters	Century	Greenply	Merino
		Duro	Archidply	Amulya
		ModiPLY	Virgo	Kitply
25	Hardware for Fire Check Door	Dorma	AssaAbloy	Hafale
		Inersoll Rand LCN Series	Becker Fire Solution	DorsetKaba
26	Plywood / Block board	Merino	Greenlam	Century
		Archidply	Amulya	Duro
		Garnet	ModiPLY	Virgo
		Kitply		
27	Veneer	Green ply	Green panel	Century
		Archidply	Duro	Kitply
28	Laminate	Duro	Greenlam	Century
		Archidply	Virgo	Amulya
		Kitply		
30	Expansion Joint – Modular	C.S	Herculus	Z-Tech
		Vexcolt	Fischer	Hilti
31	Aluminium Bldg. Expansion Joint	Vexcolt	Watson Bowman	Acme

List of Approved Makes

		C/S Expansion Joint	Z-Tech India	J. Sons
		Metco.		
32	Polyster Powder Coating Paints	Nerolac	Berger	Akzonobel
		Jotun		
33	Silicon based water repellent / Weather Sealant	G. E Plastics	Dow Corning	Pidilite
		Wacker	STP	M.C.Bauchemie
		Choksey	Fosroc	Cico
		Dow Corning	Sika	REMMERS
		DUPONT	Asian Paints - Smartcare	MYK Schomburg
34	Wall Putty	Birla Wall Care	JK White	Saint Gobain
		Berger	Asian Paints	Birla Aerocon
35	Curing Compound	Fosroc	Sika	Cico
		STP	Pidilite	BASF
		Ultracon	Perma	CHRYSO
		DON Construction Chemicals India Pvt. Ltd	Kunal Conchem	MYK Schomburg
36	Oil Bound Washable Distemper	Asian Paints	Akzonobel Dulux	Berger
		Johnson &	Nerolac	Ultratech

List of Approved Makes

		Nicholsan		
		Oikos		
37	Acrylic Distemper	Berger	Asian	Dulux
		Nerolac	Johnson & Nicholsan	Akzonobel Dulux
38	Premium Acrylic Emulsion paints	Akzonobel Dulux	Nerolac	Asian Paints
		Berger	Luxture	Johnson & Nicholsan
39	Cement Primer	BP White (Berger)	Decoprime WT (Asian)	Akzonobel (Dulux)
		Nerolac	Snowcem plus	Tatacem
40	Cement Paint	Snowcem Plus	Berger (Durocem Extra)	Nerolac (Nerocem With Titanium)
		Asian	Ultratech	Akzonobel Dulux
41	Steel /Wood Primer	Akzonobel (Dulux)	Nerolac	Asian Paints
		Berger	Johnson & Nicholsan	
42	Textured Exterior Paint	Akzonobel (Dulux)	Asian (Apex Ultima)	Nerolac Kansai (Excel)
		Ultra Tech	Spectrum	Berger
		Luxture	Ultratech	Unilite heritage

List of Approved Makes

		Oikos		
43	Synthetic Enamel Paint	Akzonobel (Dulux)	Asian (Apcolite)	Kansai Nerolac (Synthetic Enamel)
		Berger	Oikos	Johnson & Nicholsan
44	Epoxy Paint	Kansai Nerolac	Asian Akzonobel (Dulux)	FOSROC
		Asian	Berger	Johnson & Nicholsan
		Oikos	Choksey	MYK Schomburg
45	Heat Resistant Tiles	Swastik	Thermax	
46	Gypsum Plaster	Ferrous Crete	Elite (90)	Ultratech
47	Pre-Cast GRC Jali	Unistone	Dalal Tiles Industries	Ecovision
48	Stainless Steel Pipe & tubes	Salem Steel	Jindal Alloys	SAIL
		Cavelier	REMI	
49	Stainless Steel bolts, Washers and Nuts	Kundan	Puja	Atul
50	Stainless Steel Friction Stay	Pulse	Securistyle	EBCO
51	Stainless Steel Pressure Plate Screws	Kundan	Puja	Atul
52	Stainless Steel Screw for Fabrication and fixing of Windows	Kundan	Puja	Atul
53	Welding Electrodes	Advani	Oerlikon	Modi

List of Approved Makes

		L & T	Ici	
54	Stainless Steel Hardware	Dorma	Hafale	Geze
		Godrej	Kich	Ozone
		Hettich	DorsetKaba	Link
		Harrison		
55	False Ceiling – Gypsum	Saint Gobain	USG Boral	Lindner
		India Gypsum	Mascot	Knauf Danoline
56	False Ceiling – Metal	Saint Gobain	Hunter Dougulus	USG Boral
		Credence	Amstrong	Knauf-gordan
		mascot	Chicago	
57	Gyp Board	Saint Gobain	USG Boral	Lindner
		Boral Gypsum	Lafarge	India Gypsum
58	False ceiling Grid System	Saint Gobain	Hunter Dougulus	USG Boral
		Credence	Amstrong	Durlum
		Lindner	Chicago	Unimet
59	False Ceiling – Mineral fibre	Armstrong	AMF	USG Boral
		Anutone	Dexune	Credence
		Mansorovar Tiles	Deco Sonic	
60	False Ceiling – Aluminium	Armstrong	Durlum	Hunter Douglas
		Credence		

List of Approved Makes

61	Curtain Rod/Drapery Rod	Vista work	Mac Décor	Hunter Douglas
62	Fabric Blinds	Hunter Douglas	Mac	Vista
		Deck		
63	Facade Tiles	Clayton	Hunter Douglas	Tempio
		Terreal		
64	Expanded Metal Mesh Panels	Fils & Italfim	Expanded Metal Mesh company	Harsons Green
65	Fibre Cement Panels	Equitone "Mineralis"	Swiss pearl	FibreC by Rieder
66	Mosaic / chequered Tiles	Bisazza	NITCO	Unitile
		Dalal Tiles Industries	Restile	Unistone
		Bell Ceramics	Mridul	Italias
		Pace India	Somany	Johnson
		Kajaria	Orient Bell	Vermora
67	Ceramic tiles / Glazed Tiles	Kajaria	Somany	NITCO
		Asian (AGL)	H & R Johnson	Vermora
		Simpolo	OrientBell	Qutone
		Oasis		
68	Vitrified Tiles (Antiskid / Matt / Glazed)	Kajaria	Somany	NITCO
		Asian (AGL)	H & R Johnson	Vermora

List of Approved Makes

		Simpolo	OrientBell	Qutone
		Oasis	Vitero	
69	Cement Concrete Tiles Designer Tiles	Unistone	Ultra	Eurocon
		Terra Firma	Unistone	
70	Laminated Wooden Flooring	Krono	Pergo	Harro
		Berry	Egger	Armstrong
		Kaindl	Tarkett	Vista
71	Carpet Flooring (Tiles & Rolls)	Modulyss	Forbo	Corus
		Shanhua	Heritage	
72	Paver Block & Kerb Stone	NITCO	Unitile	Ultra
		KK Manholes	Hindustan Tiles	Dalal Tiles Industries
		Unistone	Chelsea Concrete	
73	Tile / Stone Adhesive/Tile/ Epoxy Grout	Pidilite	Ferrous Crete	MYK Laticrete
		Cico	Bell	Berger
		Sika	Swastik	Ardex Endura
		Fosroc	BASF	Asian Paints - Smartcare

List of Approved Makes

		DON Construction Chemicals India  Pvt. Ltd	Choksey	
74	Dash / Anchoring Fasteners	Hilti	Fisher	Bosch
		Rawl plug	Anchor	Hettich
		Trutek		
75	Floor hardener	Ironite	Fosroc	Hardonite
		Sikka	Choksey	MYK Schomburg
76	Water Based Melamine Polish	Asian	Pidilite	AkzoNobel (Dulux)
		Berger		
77	Fire Retradant Paint	Asian	Berger	Shalimar
		Viper FRS 881	Nullifire	
78	Clamp System For Dry Stone Cladding	Hilti	Fischer	Bosch
		Rawl plug	Intellotech Koncept	
79	Tile Adhesive / Epoxy Grouts	Ferrouscrete	Andex Endura	Pidilite
		Cico	Bell	Bal Endura
		Swastik	BASF	Sika
		MYK Laticrete	MC Bouchehe	Fosroc

List of Approved Makes

81	Calcium Silicate Ceiling Tile / Board	Gyproc	USG Boral	Hilux
		Aerolite	Armstrong	Daiken
		Decosonic	India Gypsum	
82	Polysulphide Sealant	Fosroc	Pidilite	Tuffseal
		Sikka	Wacker	Dow Corning
		MC Bouchemie	BASF	Chryso
		Choksey	Chematal Rai	Cico
		GE	Laticrete	MBT
		DON Construction Chemicals India Pvt. Ltd		
83	Adhesive for Wood Work	Dunlop	Fevicol	Vamicol
		Araldite	Century	Pidilite
		Frolic		
84	Rolling Shutter	Rama	Prakash	
85	Venetian Blinds	Mac Décor	Vista	Hunter Douglas
		Deck		
86	Built In furniture/ Loose Furniture	Godrej	HNI (bpergo)	featherlite
		Sunon	Durian	
87	Building Signage/ Fire Signages	Hindustan Signage	PR Graphics	Motivatte Solution

List of Approved Makes

		Galaxy Signage	Signsutra	Systemstek
88	Glass Wool	Owens Corning	UP Twiga	Lloyd Insulation
		Rockwool	KIMMCO	
89	Glass Fibre Acoustical Ceiling Tile	Anutone	Ecophone	Armstrong
		IBS	Dexune	Credence
		Deco Sonic		
90	Acoustic Wooden Perforated ceiling	Anutone	Armstrong	SaintGobin
		HV acoustic	IBS	Dexune
		Credence		
91	Acoustical Fabric (With Glasswood) Wall Panels	Anutone	Ecophone	Saint Gobain
		HV acoustic	IBS	Dexune
		Credence		
92	wall papers	Ashian	Dupont	marshall
93	Cnc cut lime/sand stone 3d wall	world of stones	Dupont	marshall
94	Toilet cubicals	merino	greenlam	amuliya
95	Aluminium honey comb box fins in facade	hunter douglas	knauf	gordan
		Interior Craft		

List of Approved Makes

96	Anodised Aluminum Hardware (Heavy Duty)	Hardima	Alualpha	LGF Sysmac
		Hindalco	Everite	Godrej
		Pulse		
97	Aluminum Structural Members – Windows, Glazing and Partitions	Jindal	Indalco	Hindalco
		Nalco	Bhoruka	
98	Pre-coated Galvanised Steel Sheet	Roofclad	RV Infra	Fiberways tech
99	Glazing Structural / Suspended / Skylight	Saint Gobain	Pilkington	Glaverbal
100	Clear / Float / Frosted Glass / Mirror	Saint Gobain	AIS	Pilkington
		MODI Guard	Atul	
101	Fire Rated Glass	Saint Gobain	Schott	Pilkington
102	Stainless Steel Railing, Accessories etc in Grade SS OR 316	Dorma	D-line	Geze
		Ozone	Metallica India	Stark Steel Fabricators
		Het creators	International Denmark	Mobel Hardware
		Q-railing	Jindal	Rinox Kaufmann Ltd.
103	Fire rated vision Panels	Pilkington	SCHOTT	FERILITE

List of Approved Makes

		Saint Gobain	Glaverbel	
104	Ceramic panel Cladding	Hunter Douglas	Neolith	Terreal
105	Aluminum Louvers	Lindner	Chicago Metals	Colt
		Hunter Douglas	Kawneer	
106	Aluminium composite Panels	Aludecor	Alstrong	Durabuild
107	G. I Steel door frame/Pressed Steel Door frame	Synergy Thrislington	Navair	Shakti
		West Wind Concepts Pvt. Ltd., Gurgaon	Shiva Steel Pvt. Ltd., Noida	AGEW Steel Manufacturing, Ahmedabad
		Sukri	Godrej	Gurdian
108	Friction Stay Hinges	Dorma	LGF Sysmac	Dorset
		Becker Fire Solution	Inersoll Rand	Pulse
109	EPDM Gasket	Hanu	Anand	Osaka / Alps
		Anand Reddiplex	Enviro Seals	
110	Glass Processor for making DGU / Toughing	Art N Glass	GSC (Noida)	Gold Plus
		ASAHI	Saint Gobain (SG)	Pilkington
111	Mirror Glass	Atul	Modi Guard	Saint Gobain

List of Approved Makes

		Galverbel	AIS	Asahi India Safety Glass Ltd
		Pilkington		
112	UPVC Doors & Windows	Fenesta	Wintech	Aluplast
		Staybright	Windowmagic	LG
		Fixopan	Fibre ways	Aqua cell
		Jai shree	Sintex	Ecodur
		Okotech (Aparna profiles)	PSP	
113	Nuts / Bolts & Screws	GKW	Atul	Hilti
114	Door / Window Fittings	Godrej	Everite	Doorset
		Global	Hardwyn	Palladium
		IPSA	Ecodur	Pulse
		Hettich		
115	Door Closer	Dorma	Godrej	Hettich
		Ozone	Doorking	Master
		Everite	Hardwyn	DorsetKaba
		IPSA		
116	Die Cast Patch Fittings	Dorma	Geze	Assa Alboy
		Hettich	Ozone	Hardwyn

List of Approved Makes

117	Fire rated doors & its hardwares	iclean	Shakti	Promat
		Harmann Shakti	Sukriti	Hafale
		Navair	Godrej	
118	Floor Springs	Dorma	Geze	Hettich
		DorsetKaba	Everite	Hardwyn
		Doorking	Master	
119	SS Mortise lock with one dead bolt and pair of SS handles steel grade – SS304	Dorma	Godrej	Hafele
		DorsetKaba	Hettich	Hardwyn
120	Grab bars and Disabled Hardware	Dorma	Ozone	D-line
121	SS Mortise latch & lock with six levers and pair off SS handles steel grade – SS304	Dorma	Godrej	Hafele
		DorsetKaba	Hettich	Hardwyn
122	SS Tower bolt	Dorma	Godrej	Hafele
		Hettich	Hardwyn	DorsetKaba
123	SS Butt hinges with ball bearing grade – SS304	Dorma	Godrej	Ingersoll Rand
		Hettich	DorsetKaba	
124	Magic Eye	Dorma	Godrej	Ingersoll Rand
125	Stainless Steel sliding door blots	Ingersoll Rand	Hafele	Godrej
		Hettich	Hardwyn	DorsetKaba

List of Approved Makes

126	Pull handle back to back of length 150mm of steel Grade-SS304	Godrej	Geze	Ozone
		Hettich	Hardwyn	DorsetKaba
		Dorma		
127	Pull handle, single side of length 150mm of steel Grade – SS304	Godrej	Geze	Ozone
		Hettich	Hardwyn	DorsetKaba
		Dorma		
128	Aluminium level handles	Hardima	Godrej	Everite
		Classic	Argent	Oxford
		Newlite	Crown	EBCO
129	Anodised Aluminium Hardware (Heavy Duty)	Hardima	Alualpha	LGF Sysmac
		Hindalco	Everite	Classic
		Argent	Oxford	Newlite
		Crown	EBCO	Global
130	Automation Systems for Windows	UCS	Window Master	Essmann
		Rivalu	Securistyle	
132	Lever handle in SS 304 finish	Dorma	Hafele	Godrej
		Daikin	DorsetKaba	Ozone
133	PVC Water Stops	Prince	Supreme	Finolex
		Oriplast	BASF	Maruti

List of Approved Makes

134	R.C.C Pipes	Indian Hume Pipe	Pragati Concrete Udyog	ISI Marked Pipes
		Daya	KK	JSP
135	Rolling shutter	Rama	Prakash	
136	Epoxy SLF Flooring	Sika	Stonhard	Pidilite
		STP	laticrete	
137	Central Control	Rain Bird	USA	Toro
		Nelson		

HVAC / VENTILATION SYSTEM				
S. No.	Material	Approved Makes / Brands		
1	Chillers	York	Carrier	Daikin
		Dunham Bush	Trane	Climaventa
		Voltas		

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
2	Chilled/ Condenser Pumps:	Armstrong	Bell & Gossett (Xylem)	Grundfos
		Lubi		
2a.	Pump Controller	Same as Pump		
2b.	Chiller Plant Manager	Same as Chiller		
3	Cooling Towers	Mihir	Advance/ Bell	Paharpur
4	Hot Water Generator	Rapid Cool	Emerald	KEPL
5	Air Handling Units & TFA:			
5a.	Air Handling Units	Waves	System Air	Zeco
		Flaktwood	VTS	Eflow/Crystal Air
		Balance Air	Edgetech	
5b.	Cooling Coil	As per manufacture standard of AHU		
5c.	Tube/Axial/ Inline Fan	Blowtech	Airflow	Nicotra
		Kruger	Wolter	Greenheck
		Cynor	Eflow	
6	Fan Coil Unit & Cassette Unit	Waves	System Air	Zeco
		Flaktwood	VTS	Eflow/Crystal Air
7	Split AC	Daikin	Hitachi	Toshiba
		Carrier Midea	Bluestar	

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
8	M.S. Pipes: - Any dia	Tata	Jindal Hissar	Sail
		APL Apollo	Prakash Surya	
9	Butterfly Valves	SKS	AIP	Zoloto
		Honeywell	Advance	Danfoss
		Siemens	Freese	Belimo
		Valtrees	C&R	Emerald
10	Motorized Butterfly Valve	Belimo	Danfoss	Siemens
		Oventrop/ Aergy	Honeywell	AIP/SKS
11	Pressure independent control valve (PICV)	Belimo	Danfoss	Siemens
		Flowcon	Honweywell	Anergy
12	Check Valves	SKS	AIP	Zoloto
		Honeywell	Advance	Danfoss
		Siemens	Freese	Belimo
		Valtrees	C&R	Emerald
13	Ball valve	SKS	AIP	Zoloto
		Honeywell	Advance	Danfoss
		Siemens	Freese	Belimo
		Valtrees	C&R	Emerald
14	Balancing Valves	SKS	AIP	Zoloto

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
		Honeywell	Advance	Danfoss
		Siemens	Freese	Belimo
		Valtrees	C&R	Emerald
15	2-way Modulating Valves with Thermostat/ 2-way on off valve with thermostat for FCU	Belimo	Danfoss	Siemens
		Flowcon	Honweywell	Anergy
16	Expansion Bellows	Resistoflex	Easyflex	Areaflex
		Dunlop	Axin	
17	Pot/Y-Strainers	Anergy	Rapid Cool	Emerald
		Axin	SKS	Betaflo/ Zoloto
18	Suction Guide with Strainer	Anergy	Armstrong	Emerald
		Axin		
19	BTU meter	Kamstrup	Siemens	Honeywell
		Shenitech	Belimo	
20	RH Sensor	Belimo	Honeywell	Siemens
		Omnicon		
21	Thermostat	Danfoss	Belimo	Honeywell
		Siemens	Omnicon	
22	Pressure Gauge	Feibig	H. Guru	Emerald

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
	(Industrial Type)	Axin		
23	Differential Pressure Switch	Siemens	Rapid Contro	Anergy
		Sant		
24	Thermometers	Feibig	H.Guru	H.Guru
		Emerald	Axin	
25	Closed Expansion Tank	Anergy	Armstrong	Flammco
		Reflex		
26	Air & Dirt Separator	Anergy	Flammco	Reflex/ Emerald
27	Auto Air Vent	Anergy	Rapid Cool	Oventrop
28	Plug Valve	Anergy	Rapid Cool	C&R
29	G.I. Sheets	Sail	Tata	Jindal
30	MS. Sheets	Hindalco	Balco	NALCO
31	Fire Dampers	Conaire	Mapro	Ruskin
		Dynamic	Cynor	
32	Damper Actuator	Belimo	Conaire	Mapro/Sinider
33	Grills/Diffusers	Mapro	Conaire/Cynor	Titus/ Servex Fabricators
		Trox	Dynamic	Cynor
34	Fresh Air Louvers	Mapro	Conaire	Titus
		Trox	Dynamic	Cynor

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
35	Resinbonded Glass Wool Insulation & Preinsulated Duct	UP TWIGA	Owens Corning	
		Isover		
36	Protective Coating over insulation	Pidilite	Foster	Idendan
		CISBOND	Paramount	
37	Resinbonded Glass Wool Acoustic Insulation	UP TWIGA	Owens Corning	Kimmco
38	Insulation Adhesive	Pidilite	Foster	CISBOND
		Henkel	Paramount	
39	Factory Made ducting	Rolastar	Ductofab	Zeco
		Dustech	Identify	
40	Filters (in Air-conditioning system)	Mackmark	Purolator	Anfilco
	Ventilation Fans:	Thermodyne		
41	Propeller Fans	Kruger	GE	Crompton
42	Air Washer/Scrubber	Blowtech	Zeco	Dustech
		Airflow	Crystal Air	Espair
43	Heat Recovery Wheel units	DRI	Enventus (Ostberg)	Flakt
44	Heat Pipe	HPT	SPC	VTS
45	Vibration Isolator	Easyflex	Resistoflex	Dunlop

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
46	Anchor/Fastener	Hilti	Fisher	Gripple
		Rawlplug		
47	Duct Support	GPL/ Dobbygrip	Gripple	Easyflex Zip-Clip
48	PUF Saddles	Lloyds	Beardsell	Malanpur
49	FCU link	ATS (CSI)	Oventrop	CIM
50	Sound Attenuator	Ruskin	Systemair	Trox
51	CO Sensor	Siemens/Greystone	Omicron/ Gas Alarm	Johnson/ Honeywell
52	VFD	Danfoss	ABB	Siemens
		Fuji	Schneider	Belimo
53	CO2 Sensor	Siemens/ Greystone	Omicron	Johnson/ Honeywell
54	Demand Ventilation System			
54.1	Equipment	Conaire/Cynor	Glenstorm	Tristar
54.2	Motorized Assembly	Conaire/Cynor	Glenstorm	Tristar
54.3	Integrator	Conaire/Cynor	Glenstorm	Tristar
55	High Density PVC Pipe	Finolex	Supreme	Prince
56	Online Scale preventer	Scale Guard	Ristello	Supremo

<b>HVAC / VENTILATION SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
57	Electronic Air Filtration System	Honeywell	Trion	Pureaire
58	VRF/VRV System	Daikin	Tosiba	Samsung
		Mitsubishi Electric	Carrier- Midea	Bluestar/ Hitachi
59	Copper Refrigerant Pipe	Camipro	Rajco	Mandev
60	Nitrile/ XLPE insulation	Aerloam	Armacell	ALP / Supreme

<b>PLUMBING &amp; SANITARY</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1.	Sanitary Fittings & Accessories	Hindware ( Italian collection)	Kohler	Cera
		Jaquar	Somany,Roca	Krovit
		Grohe	American Standard	
	Conceled cistern	Hindware	Kohler	Roca
		Geberit	American Standard	
	WC connector	Geberit	Kohler	Viega
	Auto Urinal Flush System	Duravit	Kohler	Roca
Grohe				
2	CP Brass Fittings	Jaquar	Kohler	Parryware
		Hindware	Grohe	
3	G.I. / M.S. Pipe	Tata	Jindal (Hissar)	Surya Prakash
		APL Apollo		
4	G.I. Fittings	Unik	DRP-M	Zoloto
		R-Brand	Surya	
5	SS Pipes	Jindal	J-press	VIEGA
6	HDPE Pipes	Reliance	Jain Irrigation	Oriplast
		Vertex	Vectus	Supreme
7	DI Pipes	Electrosteel	Jindal	Tata Ductura

List of Approved Makes

8	DI Fittings	Kartar	Electrosteel	Kalinga
9	CI Fittings	Neel	Kartar	Electrosteel
10	Float Valve	IVC	Leader	Zoloto
		KSB		
11	UPVC Pipe and Fittings	Astral	Supreme	Finolex
		Supreme	AKG	Surya Roshni
		APL Apollo	SFMC	Ashirwad
12	PVC Pipe & Fittings	Supreme	AKG	Surya Roshni
		APL Apollo	SFMC	Ashirwad
13	CPVC Pipes & Fittings	AKG	Astral	Supreme
		Finolex	Surya Prakash	Vectus
		SFMC	Ashirwad	
14	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO	SKF	Electrosteel
		Saint Gobain		
15	Centrifugally Cast (Spun) Iron (Class LA) Pipes	NECO	Electro Steel	TATA
16	Centrifugally Cast (Spun) Ductile Iron Pipes & Fittings	Electro Steel	Jindal (Hissar)	Kalinga
17	C.I. Manhole covers, Frames & GI Gratings	NECO	RIF	BIC
		SKF	Jain Spun Pipe Co.	
18	SFRC Manhole covers & gratings	KK	OCR	Pargati
		T-CON		
19	RCC manhole Covers &	KK manhole	Grating Co. Pvt Ltd	

List of Approved Makes

	Frames			
20	D.I. Manhole Covers & Frames	Neco,	Raj Iron Foundry Agra	Kartar
21	Gun Metal Valves, Globes	SKS/Cim	Castle/Emerald	Zoloto/C&R
22	NRV - Ball type - Sewage application	SKS/Cim	Castle/Emerald	Zoloto/C&R
23	Bellow Type, Pressure Reducing Valve	CIM	Danfoss	Honey well
24	Floor Taps	Jayana	Chilly	Nirali
25	Water Meter	Prima	Zoloto	Leader
		Capstan		
26	Brass Stop & Bib Cock	Zoloto	Sant	L&K
		Leader	Astral	
27	Non Return Valve (Check valve) 1/2" to 1 1/4"	Zoloto	Emerald	Leader
		SKS	C&R	AIP
28	Brass Ferrules	Dhawan Sanitary Udyog	Kalsi	Annapurna
29	Polythylene water storage tank	Sintex	Polycon	SPL
		Vectus		
30	Insulation for hot water pipes	Kaiflex	Armaflex	Careflex
		Lloyd	Aerolam	
31	Insulation for external/ exposed hot water pipe	Kaiflex	Armaflex	Careflex
		Lloyd	Aerolam	

List of Approved Makes

32	Pipe protection for external water supply pipes	Pypkote/Firemaster	Armaflex	Makpolykote
33	GI/MS Pipe Protection Wrapping & Coating	IWL - Pypkote	Rustech - Coatek	
34	Stainless Steel Sink	Neelkanth	Nirali	Jayna
		Cera	Anupam	Franke Fabre
35	Stoneware Pipes	Perfect	Hind	Burn
		RK		
36	Gully Traps	Perfect	Hind	Burn
		RK		
37	RCC Pipes (NP-2)	Lakshmi	Sood&Sood	Jain & Co.
		Pragati Concrete		
38	Atactic Polypropylene	STP	HTL	Hydro Tech
		Pidilite		
39	C.P. Waste, Spreaders, Urinal Flush Pipes	Jaquar	Parko	
40	Check Valve - Dual Plate / Ball Valves / wafer type valves	Zoloto	Emerald	Leader
41		SKS	C&R	AIP
42	Check Valve Forged Screwed	CIM/ Leader	Sant	
43	Ball Cocks	GPA	Sant	L&K
44	Air Release Valves	Emerald	Leader	Zoloto
45	Pipecoat	IWL Ltd	Pypkote	STP

List of Approved Makes

46	CI Double Flanged Sluice Valve	Kirloskar	IVC	Sondhi
		Kejriwal		
47	Adhesives	Nuwood	Duratuff	Pidilite
48	PE-AL-PE	Kitec	Jindal	Supreme
49	Solar Water Heating System	Tata BP	Honey Well	Solar
50	Water Heater (Geyser)	Venus	Bajaj Spherhot	Photon
		Rallision	Havells	
51	Hand Drier	Euronics	Duravit	Grohe Kohler
52	Backflow preventer (Water Hammer)	Normex	Kessel	Lahri
53	Drinking Water Cooler	Blue Star, Usha	Voltas	Oasis
54	Anti-Vibration Mounting & Flexible connections	Resistoflex	Dunlop	Flexionics
55	Electronic Flow Meter	Blue Star	Usha	Voltas
56	Temperature Sensor / Gauge	Forbes Marshall	Danfoss	Wika
57	Rain Water Harvesting	Shri Ganga Boring	UgrayaWaterPvt.	AshwathInfrate

List of Approved Makes

	System	Haryana,Aqra Water Solution Delhi,	Ltd.	ch Pvt. Ltd. Delhi.
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<b>FIRE FIGHTING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1.	M. S Pipe	Tata	Jindal Hissar	Prakash Surya
		SAIL	APL Apollo	
2.	G. I Pipes	Jindal Hissar	Prakash Surya	SAIL
		TATA	APL Apollo	
3.	Forged Fittings	SS	VS	True Forge
4.	ERW / butt Welded Fittings	MEC (Jainsons)	Unik	
5.	Groove Fittings (UL listed)	Victaulic	Jainson	New
6.	Ball Valve / Gate Valve (Gunmetal)	Emerald	Leader	Zoloto
		CIM	AIP	C&R
7.	Butterfly Valve	Zoloto	DRP	Cim
		C&R	Emerald	AIP
8.	Motorized Butterfly Valve	Advance	SKS	Danfoss
		C&R/Zoloto	Emerald/AIP	Honweywell/ Anergy
9.	Balancing Valve	Zoloto	DRP	Cim
		C&R	Emerald	AIP
10.	Non Return Valve/ sluice valves	Zoloto	DRP	Cim
		C&R	Emerald	AIP
11.	Y-Strainer	Emerald	AUDCO	kirloskar

<b>FIRE FIGHTING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
		Zoloto	SKS	
12.	Pot Strainer	Rapidcool	Emerald	Betaflo
		AUDCO	Zoloto	AIP
13.	Thermometer	Emerald	Anergy	Honeywell
14.	Control Valve	HD	Viking (VL Listed)	
15.	Airvent	Anergy	Siemens	Emerald/CIM /Advance/ Honeywell
16.	Expansion Tank	Anergy	Emerald	
17.	Hot Water Generator	Anergy	Emerald	Rapidcool
18.	Air Pressure Valve	Anergy	Flemco	Castle
		SKS	Leader	
19.	Foot valve with Strainer	Kirloskar	Leader	Zoloto
20.	Fire Extinguishers	Supremex	Superex	G Tech
		Safefire	Guard	Exflame/ Life Guard
21.	First Aid Hose Reel Drum /	Superex	G Tech	Safefire
		Guard	Exflame	Newage /Lifeguard
22.	Thermo Plastic Hose Reels for Drums	G Tech	Kesara	Mitras/ Lifeguard
23.	R.R.L. Hose & C.P.	Superex	G Tech	Safefire

<b>FIRE FIGHTING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
	Hose	Guard	Exflame	Newage/LifeGuard
24.	Branch Pipe, Nozzle, Coupling etc.	Superex	G Tech	Safefire
		Guard	Exflame	Newage
		Life Guard		
25.	Landing Valves	Superex	Newage	Eversafe
		Safe Fire	Life Guard	
26.	Fire Brigade Connections	Superex	G Tech	Safefire
		Guard	Exflame	Newage/Lifeguard
27.	Fire Fighting Equipment not covered elsewhere	Superex/ Safefire	Newage/Exflame	Guards/G Tech/ Lifeguard
28.	Hose Box	Superex/ Safefire	Newage/Exflame	Guards/G Tech
29.	Sprinkler & Rosette Plates	Tyco	Viking	HD
		Spray Safe	G Tech	Life Guard
30.	Flexible Connector (Drop) for Sprinkler	Easyflex	Viking	Newage/ Lifeguard
31.	Flow Switches	System Sensor	Honeywell	Potter
		Tyco		
32.	Inspector Test valve	Viking	Tyco	Hd
33.	Pre-Fabricated Structural supports	Chilly	Hitech	Camry
		Easyflex	Gripple	

<b>FIRE FIGHTING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
	and clamps			
34.	Pressure Gauge	Emerald	Fiebig	H.Guru
		Danfoss		
35.	Alarm Valve	Viking	Tyco	HD
36.	Antsuction& delivery flexible pipe connectors	Easyflex	Resistoflex	Dunlop
		SAIL	Tata Steel Ltd	RINL
37.	Flexible Duct Connector	Mapro	Kanwall Industrial corporation	Resistoflex
38.	Stainless Steel Brach Pipe	Superex/ Safefire/ LifeGuard	Newage/Exflame/ LifeGuard	Guards/G Tech/ LifeGuard
39.	Fireman Axe / Installation Control Valve	Superex/ Safefire/ LifeGuard	Newage/Exflame/ LifeGuard	Guards/G Tech/ LifeGuard
40.	2-way / 4-way FBC	Superex/ Safefire/ LifeGuard	Newage/Exflame/ LifeGuard	Guards/G Tech/ LifeGuard
41.	Sprinkler Heads	Tyco	HD	G Tech
42.	Pipe Protection Pypcoat wrapping	IWL	Taxa/Firemaster	Mac-poly coat
43.	Rubber Bellow	Kanwal Industrial Corporation	Resistoflex	AIP Valves
44.	Deluge Valve	Safex	Tyco	HD
45.	Flexible Drop (UL	Safex	HD	Kofulso

<b>FIRE FIGHTING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
	Approved)			
46.	Anti Vibration Pad	Cori Dunlop	Diamond Pipe Support	Easyflex
		Flexionics	Resistoflex	Emerald
47.	Motors for Fire Pumps	Siemens	Kirloskar	Crompton
		ABB		
48.	Fire Pumps	Kirloskar	Mather & Platt	Grundfoss
		Lubi		
49.	Electrical Switch Gears	Siemens	Schneider	ABB
		L&T		
50.	Power and Control Cables	Universal	Polycab	Havells
		Finolex	Grandlay	Bonton
		KEI	Rallison	Paramount
51.	Control Panel of Terrace Pumps	Advance panel & Switchgear	Adlec	Tricolite Elect Industry
		SPC Electrotech	Advance Panel	LS Power
		Neptune	CWS	
52.	Voltmeter & Ammeter	Schneider	Neptune	Rishabh
		Conserve		

<b>FIRE FIGHTING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
53.	Indicating Lamp and Selector Switches	BCH	Rishabh	Conserve
54.	CT	AE	Kappa	Nutech Electrical
55.	MCCB / MPCB / MCB/RCCB	Siemens	Schneider	Legrand
		ABB	Havells	Adhunik
56.	Contractors / Times, Overload Relays / Starter	L&T	Siemens	Schneider
57.	Annunciation panels	PCD	Agni	Tricolite
		Adlec		
58.	Single phase preventor	Minilac	L&T	Siemens
59.	Anti Vibration Mounting	Kanwal Industrial Corporation	Resistoflex	Ewren
60.	Starter	L&T	Siemens	Crompton
		GE	ABB	BCH
61.	Current Transformer (Cast Resin)	AE	L & T	Kappa
62.	Nuts / bolts	Lakshmi	Unbrako	

<b>INSULATION</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Glass Wool	U.P. Twiga	Owen Corning	

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List of Approved Makes

2	Nitrile Rubber	Armacell	K-flex	Aerolam
3	Expanded polystyrene	SHI	Beardshell	Styrene packaging
4	Vibration isolator pads	Resistoflex	Kanwal	
5	Paracoat BPC	Paramount	Pidilite	

<b>PUMPS AND WATER TREATMENT SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Pumps	Grundfoss	Xylem	WILLO
		Lubi	Armstrong	
2	Submersible Drainage Pumps	KSB/Xylem	Grundfoss	Crompton/Lubi
3	Ball Valves	AIP	Emerald	Zoloto
4	Butterfly Valve	Emerald	SKS	C&R
5	C.I. double flanged sluice valve	Zoloto	Emerald	Castle
		AIP	SKS	
6	Non Return Valve	Zoloto	Emerald	Castle
		AIP	SKS	
7	Y – Strainers	Zoloto	Emerald	Castle
		AIP	SKS	
8	Float Switch	Nolta	Danfoss	Honey Well
9	Pressure Gauge	Fiebig	H. Guru	Danfoss
10	Dosing system	Milton Roy	Asialmi	Grundfoss
11	Liquid Level Controllers/ Liquid Level Indicator	Advance	Honey Well	Danfoss
12	Filter / Softener	Ion Exchange	Renaissance Aqua	Pentair
		Watcon		
13	Salt Saturator	Ion Exchange	Renaissance Aqua	Pentair

List of Approved Makes

		Watcon		
14	Water Meter	Kent	Marshall	Sant
15	Water Treatment Plant/ STP	Ion Exchange	Brisanzi	Netsol Water
		Thermax	Pureindia	Bikon
		Bimal water solutions	Hydrotech Prayavaran	Enhanced Wapp System Pvt Ltd.
16	Vessels	Astral	KGM	Structural
17	Mechanical Seal	Burgmann	Sealol	
18	Grease Trap / Separator	ACO	Wade/ Mifab	Kassel

**A. MECHANICAL**

<b>6. SEWAGE TREATMENT PLANT (STP)</b>	
M.S pipe	TATA / Jindal Hissar/ APL Apollo
Sluice/Gate valve	IVC/ Kirloskar / Zoloto/ C&R/Emerald/AIP
Non-return valve	IVC / Kirloskar / Zoloto/ C& R/ AIP
G.I. pipe	TATA / Jindal Hissar/ APL Apollo
PVC pipe	AKG / Supreme / APL Apollo /Finolex/SFMC/Ashirwad/Astral
HDPE pipe	EMCO/ ORI-PLAST
Butterfly valve	Audco / KSB / Zoloto/ C&R/ Emerald/SKS
Ball valve	Audco / KSB / Zoloto/ C&R/ Emerald/SKS
C.I pipe	IISCO / Electro steel casting
Sludge/Sewage Pump	Grundfos / Xylem / Wilo / Lubi
Pumps	Grundfos / Xylem/ Wilo / Lubi
Plate settler	Netsol Water/ Pure India/ Ion Exchange / Thermax / Zyion / Bikon / Watcon / Environze / JKR Techno Engineers / ECO Water Solutions / Brisanzia
Agitator	Netsol Water/ Pure India/ Ion Exchange / Thermax / Zyion / Bikon / Watcon / Environze / JKR Techno Engineers / ECO Water Solutions / Brisanzia
Air blower	Swam / Key / Everest
Reduction gear box	Radicon / Elicon / Shanti

List of Approved Makes

Pressure gauge	AV Instruments / H Guru / FIBIG
Chlorinator	ALM / Toshkon
Sump pump	Grundfos / DP Holland / Wilo / KSB / Kirloskar

B. ELECTRICAL

415 V, switchgear	GEC /Siemens/L&T/ C&S
Motors	Kirloskar/ NGEF/ SIEMENS/HBB/Crompton
Switches and Fuses	L&T/GEC / C&S
Contactors	L&T/GEC/ C&S
Push button element / indicating lamp	L&T/ C&S
Protective Relay	GECA/ABB/ C&S
Indicating meters	AEP / IMP / GECA / MECO / SIMCO / RISHAB
Lighting distribution board	Controls & Switchgear
MCB Distribution Boards	GEC / MDS/ Adhunik/ Siemens/ Legrand/ ABB/ C& S
Cables	National / Skyline / Finolex/ Batra Henlay
Exhaust fan	GECA / Crompton / Bajaj/ Polycab

C. INSTRUMENTATION CONTROL

Pressure Gauge/ D.P Gauge	H. Guru (Sahibabad/ Calcutta)/ A.N Instrument Bells/ General Instrument.
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List of Approved Makes

Level Controller/Indicator	ADVANCE /H Guru/Minilec
Flow Meter	KENT/ Advance/Alfa

List of Approved Makes

<b>ELECTRICAL WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Air Circuit Breaker	Schneider	Siemens	ABB
		L&T	GE	Legrand
		C & S		
2	LT Panel	Advance Panel & Switchgear	Adlec	Tricolite
		Control Wei Switchgears	Precision system control	SPC Electrotech
		LS Power	Shivalic	Neptune
		Brilltech	Trisquare	Krypton
		Power System & Control	Adhunik	C & S
3	TTA (Type Tested Assembly) Electrical Panels (Any approved OEM)	Schneider	ABB	Siemens
		L&T	Legrand	C & S
4	MCCB	Siemens	Legrand	Schneider
		ABB	Havells	C & S
5	MCB / MPCB/DB	Siemens	Legrand	Schneider
		ABB	Adhunik	C & S
6	Modular Type light & power Accessories (Switches, socket etc.) G.I. Switch Boxes	Legrand	Schneider Electric	Philips
		MK Honeywell	L&T	RR

<b>ELECTRICAL WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
		C & S	Polycab	
7	Multifunction Meters	Schneider	Siemens	Neptune
8	Power Contactor-AC 3 Rating / Capacitor Duty	Siemens	L&T	ABB
	Contactor / Starter / Thyristor Module	Schneider	Neptune	C & S
9	APFC Relay	Epcos	L&T	Syntron
		BCH	Schneider	Neptune
		C & S		
10	Capacitor	Epcos	L&T	Siemens
		Crompton Greaves		
11	Electrical Motor / Motor	Siemens	ABB	Crompton
	Starter / Contactor / Switches	L&T		
12	Bus Ducts / Rising Mains	Schneider	Legrand	C&S
		L&T	EAE	Advance
13	FRLS PVC Insulated Copper Wire	Rallision	Finolex	Havells
		Bonton	Polycab	RR Cables
		Bartra Henlay	ESC	Anchor
		Paramount		

<b>ELECTRICAL WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
14	Power Cables / Control Cables up to 11 KV	Rallision	Finolex	Paramount
		Bonton	Polycab	RR Cables
		Anchor	Adhunik	ESC
15	Lugs / Gland	Dowel	Comet	Braco
16	PVC Conduit	AKG	BEC	Indeana
		Prince ISI Marked	Nor pack	PKS Export
		JPC	Anchor-Panasonic	Polycab
17	MS Conduit ISI Marked	RMCON	AKG	NIC
		JPC	BEC	Steel Kraft
18	ESE Lighting Protection System	Erico	JMV	Tercel/ LPI
19	DLP Trunking	MK Honeywell	OBO Betterman	Legrand/MEM/BE C
20	Floor Trunking / Raceway	MK Honeywell	OBO Betterman	Legrand
		MEM	BEC	
21	Cable Tray	Indeana	MEM	Aditya steel
		Ricco	BEC	Slotco
		RMCON	Precision system control	Maheshwari Electricals
		Power System & Control		
22	Solar Street Light Fitting with pole	Philips	Bajaj	Aviation Power System

<b>ELECTRICAL WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
		Trilux	Wipro	Trisol
23	Ceiling Fan / Exhaust Fan	Crompton Greaves	Havells	Usha
		Orient	Rallision	Anchor-Panasonic
24	Octagonal Steel Pole	Bajaj	Twinkle	Trisol
25	Internal Lighting LED	Philips	Uniled	Havells
		Trilux	Wipro	Regent
		Disano	Anchor-Panasonic	Bajaj
26	Outdoor Lighting	Philips	Uniled	Havells
		Trilux	Wipro	Regent
		Disano	Anchor-Panasonic	Bajaj
27	Fire Extinguishing/ Suppression System	Supremex	Fire Trace (Foamtech)	Sinorix 1230 (Siemens)/ Fire Trex
28	Solar Panels	Tata Solar Power	Photon	Topsun
		Max sun	Arrina	Indosolar/ Solpower
29	Lighting Control	Lutron	Panasonic	ABB
		Crestrol	Zumtobel	
30	Motorized shades	Lutron	Panasonic	ABB

<b>ELECTRICAL WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
		Silent Gliss	Levolor	
31	Fabric for Motorized shades	Lutron	Panasonic	ABB
		Ferrari	Mermet	

<b>SUBSTATION WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Transformers	Crompton Greaves	Schneider Electric	ABB
		Siemens	Volt amp	Unimag
2	33 KV VCB HT Panels	Crompton Greaves	Siemens	ABB
		Schneider Electric	L & T	Unimag
3	H.T. Termination & Joining Kit	Ray Chem	M-Seal	Birla – 3M
4	Cables Glands	Comet	Dowell	Electromac
		Siemens	Jainsons	Braco
5	Capacitor bank (ISI Marked)	Epcos	L&T	Schneider
		ABB	Siemens	
6	Maintenance Free Earthing	Protec	Tercel	JMV
		Ecosafe		
7	ATS (Automatic	Asco	Caterpillar	GE

List of Approved Makes

	Transformer Switch)	Vitzrotech		
8	Protection Relays	ABB	Schneider Electric	Siemens
		L&T		
9	Current Transformer (Cast Resin Epoxy Coated) / Potential Transformer	Neptune	Gilbert & Maxwell	Kappa
10	Electrical Digital Meter with LCD Display	Neptune	Schneider	Siemens
11	HRC Fuse and Fuse Fitting	ABB	GE	Siemens
		L&T	Neptune	
12	Indicating Lamps	L&T	Siemens	Schneider
		ABB		
13	UPS System	Numeric/Emerson	Consul Neo Watt/ TMEIC	APC/ Riello Power
		Autometers Alliance Ltd	Schneider	

<b>DG SETS &amp; RELATED ITEMS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	DG Set	Cummins/Perkins	Caterpillar/Kohler	MTU/volvopenta
2	Diesel Engine	Cummins	Caterpillar	MTU
		Perkins	Kohler	Volvopenta
3	Alternator	Leroy Somer	Caterpillar	Stamford
		Toyo Denki	KEC	
4	Batteries	Panasonic	Exide	Amaron
5	Batteries Charger	Uptron	Volstat Electronics	Statcon
		AE		
6	PLC	Schneider	Allen Bradle	Siemens/ Neptune
7	NIS / NGR	Resitech	Essen	RSI Switchgear
		Lachhman Electronics		

<b>FIRE DETECTION &amp; ALARM SYSTEM</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Detectors & Devices – Intelligent multi criteria detector, smoke, heat & duct detectors, control & monitor module, fault isolator, hooters etc. Addressable Main Fire Alarm Panel with Digital Voice Evacuation System	Notifier	Edwards	Siemens
		Cooper		
2	Fire Survival Cable	Rallison	Wrexham	Bonton
		India-Impex	Ramcro	No Burn
3	UPS System	APC	Emerson	Consul NeoWatt
		Mitsubishi	Rellico Power	Autometers Alliance Ltd
4	Public Address & Back ground music system	Honeywell	Bosch	Heinrich
		Vonamic	BiAmp	
5	Access Control	Dorma	HID	Geze
		Bosch	Link	Siemens
		UTC	Honeywell	
6	Emergency Break Glass Unit	Honeywell	GE	Bosch

List of Approved Makes

S.No	Material	Approved Makes /Brands		
<b>A</b>	<b>LAN &amp; Telephone</b>			
1	<b>Passive Components:</b> I/O, Faceplate, Jack Panel, Cat 6 Cable, Patch Cord, LIU, Fibre Cable	Panduit	R&M	Legrand
2	<b>Active Components:</b> Core Switch, Distribution Switch, Fiber Switch, DAC Cable, SFP Module	Juniper	Cisco	Legrand
3	Network/Server Rack	APW	Valrack	Rittal
4	Wi-Fi	Huawei	Ruckus	Palo-Alto
5	UTM/FireWall	CheckPoint	Huawei	Juniper
<b>B</b>	<b>EPABX System</b>			
1	EPABX Machine, Digital Telephone, IP Telephone	NEC	AVAYA	CISCO
2	Analog Telephone	Beetel	Panasonic	Ptel
<b>C</b>	<b>CCTV System</b>			
1	Dome, Bullet, PTZ Camera, NVR, VMS	Honeywell	Tyco/Bosch	Mobotix/Pelco
2	Workstation	HP	DELL	IBM
3	LED Display System	Sony	Samsung	Sharp
<b>D</b>	<b>PA System</b>			
1	Ceiling/wall Speaker, Conyroller, Microphone, Amplifier	BOSCH	Honeywell	Heinrich
2	CD Player	LG	Samsung	Sharp
3	Cable: 2 Core X 1.5 Sqmm	Finolex	Rallision	Polycab
		Batra Henlay		
<b>E</b>	<b>Audio Visual System</b>			
1	Projector, Projector Screen, LED	Delta	Barco	Heinrich/Panasonic

List of Approved Makes

	Videowall			
2	Speaker	BOSE	Martin-Audio	Heinrich
3	Amplifier	BOSE	Power Soft	Heinrich
4	Microphone, Digital Conference System	Sennheiser	Bosch	Heinrich
5	Podium	AHA	UNI	Heinrich
6	Display	Sony	Samsung	Panasonic
7	Mixing Console	Yamaha	Digico	Midas
8	Video Conference System	Polycom	Sony	Heinrich
9	Audio Processor	BOSE	BIAMP	Heinrich
10	Cable Manager, Video Switcher & Accessories	Extrone	Crestron	Heinrich

List of Approved Makes

List of Approved Makes				
<b>G</b>	<b>BMS</b>			
<b>A</b>	<b>Controller/Software,</b>			
	Central Control BMS Server	IBM	HP	DELL
2	132 Column 240 CPS Printer	HP	Canon	
3	Building management System, Building Management Web Based Server Software, Programmable & Application Specifier Controller (DDC), Web Server Engines (Network/Supervisory Controller), System Intergration Units for 3RD Party software Integration	Siemens	Honeywell EBI	Tyco
8	Enclosure for DDC Controller	Rittal	Fibox	Schneider
<b>B</b>	<b>Sensor &amp; Field Devices</b>			
1	Immersion type temperature sensors, Flow Meter, Ultrasonic Thermal Energy Meter, Outside T+RH Sensor	Siemens	Kele	Sauter Race/ Kamstrup
5	Water Level Switches, Flame Proof Level Switches	Kele	Veskler	Flipro
7	DC Voltage Transducer, Current Relay	Kele	Situ	Omicron
9	Room Type Temp Sensor, CO2 Sensor, Ambient Temp Sensor	Siemens	Kele	Trane
11	Energy Meter	L&T	Schneider	Siemens
13	CO Sensor	Dwyer	Kele	MSR
14	Pressure Transmitter	Siemens	Trane	Omicron
15	PH Anayser/ TDS Analyser/	Veskler	Omicron	Flipro
16	Differential Pressure Sensor	Siemens	Trane	Veskler
<b>H</b>	<b>Accescc Control System</b>			
1	Access Controller	DDS	SoftwareHouse	Continum

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List of Approved Makes

2	Software	DDS	SoftwareHouse	Continum
3	Card Reader, Biometric	Morpho	Tyco	HID
<b>J</b>	<b>Gate Autromation</b>			
1	Boom Barrier	Magnetic Auto control	Faac	Gunnebo
2	UVSS	Infinite	Gatekeeper	Tele Radio

<b>LIFT AND ESCALATORS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Lift	Mitsubishi	Hitachi	Toshiba
2	ESCALATORS	Mitsubishi	Hitachi	Toshiba
<b>STACK CAR PARKING</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	STACK CAR PARKING	MYK Schomburg India Pvt. Ltd.	NEPTUNE AUTOMATIC PVT. LTD.	RR Parkon
<b>LANDSCAPE WORKS</b>				
<b>S. No.</b>	<b>Material</b>	<b>Approved Makes / Brands</b>		
1	Water Body Vendors / Fountain	Ripple Engineering	Premium Pools	Watcon Water Specialist
		Jain Irrigation System	Premier	

List of Approved Makes

2	Irrigation System / Products	Stitchwell Qualitex	Irrigation Products International	Jain Irrigation SYstems
		Harvell	Aqua Tech	APL-Apollo
3	Landscape Furniture	KK Manhole & Gratings Co. Pvt. Ltd.	JSL Architecture Ltd	
4	Hdpe Grass Pavers & Hdpe Drain Board	Ovilite	Aceturf	ZTC International- Landscape Solutions (Versicell)
		Plydex		
5	Ornate Pots (Removable Planters)	Smart Exteriors	Yuccabe	Raunaq Sales(India)
6	Sculptures	FORMFORGE	Art View Studio	Us India Art & Culture Exchange Center
		Dream Design & display India Pvt Ltd	JG Design Concepts LLP	Y - Walls design

