

**DYCE-C-JUC-ENGINEERING/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 1-W-2025-26-2-DyCE-C-JUC

Closing Date/Time: 30/12/2025 15:00

Dy.Chief Engineer/Const./Jalandhar acting for and on behalf of The President of India invites E-Tenders against Tender No **1-W-2025-26-2-DyCE-C-JUC** Closing Date/Time 30/12/2025 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	Re-Development of Jalandhar City Railway Station on JUC-ASR section of Firozpur Division of Northern Railway on EPC mode		
Bidding type	EPC [Single Stage]		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	30/12/2025 15:00	Date Time Of Uploading Tender	01/12/2025 21:32
Pre-Bid Conference Required	Yes	Pre-Bid Conference Date Time	10/12/2025 11:00
2nd Pre-Bid Conference Required	No	2nd Pre-Bid Conference Date Time	Not Applicable
Advertised Value	906533200.00	Tendering Section	DYCECJUC
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	4532700.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	0.00	Period of Completion	24 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	16/12/2025		
Are JV allowed to bid	Yes	Number of JV Member Allowed	3
Are Consortium allowed to bid	Yes	Number of Consortium Member Allowed	3
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)
Docs. Receipt Confirmation	Required		

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule (EPC) G-Project Lumpsum							906533200.00	Above/ Below/Par
1	Lump Sum				906533200.00	AT Par	906533200.00	
	Description :- Re-Development of Jalandhar City Railway Station on JUC-ASR section of Firozpur Division of Northern Railway on EPC mode							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per RFP Document	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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APPROVED MAKES/ BRANDS

The sanitary fitting shall be of premium quality of approved brand make and manufacture as per approval of Engineer-in-Charge.

All the urinals, taps shall be sensor based.

Specification/brands names of materials to be used as per 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.

1. CIVIL & STRUCTURAL				
Sl. No.	Material	Approved Makes / Brands		
1.	Ordinary Portland Cement / Portland Pozzolona Cement	ACC	Ultratech	J. K Cement
		Birla Cement	Ambuja / Prism	India Cement
2.	White Cement	Birla White	J.K. White	Lafarge, ACC
3.	Ready Mix Concrete	ACC Company	Ultratech	JK Cement
		Lafarge Company	L&T	
4.	Reinforcement Steel (HYSD TMT-Fe 500)	SAIL	Tata Steel	RINL
		JSW Steel Ltd	Electro steel	Vizag
		JSPL	Shyam Steel	APL Apollo
5.	Structural Steel / M.S. Tubes (Pre Galvanized)	TATA	JSW Steel Ltd	SAIL
		Jindal Steel & Power Ltd	Rashtriya Ispat Nigam Ltd	Vizag
		APL Apollo		
6.	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals	Pidilite	Fosroc, Thermax Ltd.	Sakarni
		CICO	Sika, Kryton	Reynoarch
		Jubilant	Ultracon	Asian Paints Smartcare
		Berger	MYK Arment	
7.	Waterproofing Compound (Crystalline)	BASF	Sika, Thermax Ltd.	Penetron
		Fosroc	Kryton	Fire Stone, Jubilant
		Pidilite	Carlisle	Kryton, Berger

		Tikidan	MYK Arment	Sunanda Chemicals
		MC Bauchemic	Reynoarch	Asian Paints Smartcare, Sakarni
8.	Waterproofing Self Adhesive (HDPE) membrane	GRACE	Fosroc	Pidilite
		Kintop, Kryton	Keshun, Jubilant	MYK Arment, Thermax Ltd.
		Carlisle	Tikidan	STP, Sika
		MC Bauchemic	Sunanda Chemicals	Technicol
		Reynoarch, Sakarni	Mapei, Berger	Asian Paints
9.	EPDM Waterproofing Membrane	Fire Stone, Jubilant	Polygamma, Kryton	Pidilite, Berger, Technicol
		Reynoarch, Sakarni	DBS, Asian Paints Smartcare	STP, Thermax Ltd.
10.	PU Elastomeric Membrane (spray applied for Deck Waterproofing)	BASF, Jubilant	Fosroc, Kryton	Sika, STP, Technicol
		Reynoarch, Sakarni	Pidilite, Asian Paints Smartcare	MYK Arment, Thermax Ltd.
11.	Glasswool Insulation	UP Twica	Poly Glass	Ownscorning, Unidus
12.	Insulation	Roxul Rockwool	Paramount	Unidus
13.	Swellable Bar	Pidilite	Fosroc	Keshun
		Hayakawa	Asian Paints Smartcare	Technicol, Thermax Ltd.
14 (a)	Roofing (Metal)	Kingspan	Kalzip	Rigidal
14 (b)	Roofing (Pre-insulated Asphalt)	SkyLANES	Onduline	
15.	Straight walkways	Kingspan	Wulmet	Kalzip
16.	Fall Arrest System	Kingspan	Kalzip	Kartasar
17.	Step Walkways	Kingspan	Kalzip	Latchways
18.	Seam Clamp	Kingspan	Kalzip	
19.	Roof hatch	Kingspan	Nystrom, Kalzip	Babenco
20.	Polycarbonate Sheet	GE Plastic (SABIC)	Gallina	DPI Daylighting
		GE, Lexan	Tuflite, MPP	Polygel
21.	Decking Steel Sheet	TATA Steel	Lloyds, RINL	JSW, APL Apollo
22.	Shuttering/ Formwork – Ply / Steel	Ply-Archid	Virgo	For Steel – MS Plate
		Merino	Kitply	Century
23.	Rebarring Chemical	Hilti, AFT	3M India	Birla, Wuerth
24.	Fire Sealant	Hilti	3M India	Fischer, Wuerth

25.	Parallel Threaded Couplers (Compliant to IS 16172:2014)	Dextra	Halfen Moment	G-Tech
26.	Extruded Polystyrene Board	Penguin	Kiwi, Technonicol	Epack
27.	AAC Block	Aerocon	Builttech	Instablock
		Finecrete	Magcrete	JK
28.	AAC Mortar	Ferrouscrete	Ultratech	JK
29.	Moisture Resistant Board	Saint Gobain	Gyprox	USG Knauf
		Greenlam, Sakarni	Duro	Merino
30.	Veneered Particle Board	Merino	Duro	Greenlam
		Kitply	Archid	Jayna
31.	Laminated Particle Board / Laminates / PVC	Merino	Greenlam	Century
		Archid	Duro, Virgo	
32.	Flush door / Laminated Flush Doors	Century	Green	Merino
		Archid	Duro	Century
		Jayna	Kutty	T Line
33.	Toilet Cubicles	Merino	Greenlam	
		Dorma	Green Sturdo	Trespa, Alstone
34.	Hardware for Fire Check Door	Dorma, Pyrotech	Ases, AssaAbloy	Hafale, Ozone
35.	Plywood/ Veneer/Laminate	Merino	Greenlam	Century
		Archid	Duro	Jayna
36.	Expansion Joint – BEARING	C.S.	Herculus	Z-Tech
		Vexcolt	Devin	Sainfield
		Migua		
37.	Polyster Powder Coating Paints Repellent /Weather Sealant	Nerolac	Berger	Akzonobel
		M.C.Bauchemie, Sakarni	Wacker, Alstone	STP, Acro
38.	Poly-Sulphide Sealant	Fosroc, Dulux	Pidilite, Thermax Ltd.	Sika, Reynoarch
		Laticrete, Sakarni	Wacker, Asian Paints Smartcare	Dow Corning
39.	Wall Putty	Birla Wall Care	JK White	Saint Gobain
		Ferrouscrete	Berger	Reynoarch
40.	Curing Compound	Fosroc	STP, Sika	Mapei, MYK Arment
		Pidilite, Jubilant	Asian Paints Smartcare, Sakarni	BASF, Reynoarch, Thermax Ltd.

41.	Oil Bound Washable Distemper	Asian Paints	Akzonobel, Dulux	Berger
		ICI, Acro, Sakarni	Nerolac, JK Maxx	Ultratech
42.	Acrylic Distemper	Berger, Sakarni	Asian / Acro	JK Maxx, Dulux
43.	Premium Acrylic Emulsion paints	Dulux	Nerolac	Asian Paints
		Berger, Sakarni	Acro, Jubilant	JK Maxx
44.	Cement Primer	BP White (Berger)	Decoprime WT (Asian)	Akzonobel (Dulux)
		Nerolac	Sakarni	
45.	Cement Paint	Snowcem Plus	Berger (Durocem Extra)	Nerolac, (Nerocem with Titanium)
		Asian, Sakarni	Ultratech	Acro
46.	Steel / Wood Primer	Akzonobel (Dulux)	Nerolac, Jubilant	Asian Paints
		Berger	Jenson & Nicholson	JK Maxx, Dulux
47.	soil Textured Exterior Paint	Akzonobel (Dulux)	Asian (Apex Ultima)	Nerolac Kansai (Excel)
		Acro	Spectrum	Sakarni
48.	Synthetic Enamel Paint	Akzonobel (Dulux)	Asian (Apolite)	Kansai Nerolac (Synthetic Enamel)
		Berger	Sakarni	
49.	Epoxy Paint	Kansai Nerolac	Asian Akzonobel(Dulux)	FOSROC
		ICI	Sakarni	
50.	Epoxy Flooring	ARDEX	Thermax Ltd	FOSROC, SIKA
		Reynoarch, Berger	RACHTR	Asian Paints Smartcare, Sakarni
51.	Fire Paint	Asian, Sakarni	Jotun, Paramount Adhins	Akzonobel
52.	Heat Resistant Tiles	Swastik	Thermax Ltd.	Dalal Tiles
		Unistone		
53.	Gypsum Plaster	Ferrous Crete, Sakarni	Elite (90) , USG Kanuf	Ultratech , Anakon
54.	Pre-Cast GRC & GFRC Jaliconcrete	Unistone	Dalal Tiles Industries	Ecovision, Everest Composites
55.	Stainless Steel (Grade-316)	Salem Steel	Jindal Alloys	SAIL
56.	Welding Electrodes	Advani	Oerlikon	Modi
		L & T		
57.	Stainless Steel Hardware (Heavy Duty)	Dorma	Hafale	Geze
		Godrej	KICH	OZONE, Pyrotech
58.	Formwork systems	Peri,	Doka,	Symons

59.	Door Chaukhat (Sal Wood/ WPC)	Rajashree	Jayna	
		Alstone		
60.	Door Teak (Shutter) and Frame	Jayna	Kutty	Bhavani Fire
61.	Automatic Sliding Door	Dorma	Ozone	GEZE
62.	PVC Door & Frame	Rajashree	Krishna	Jayna
		Alstone		
63..	Kitchen & Wardrob (Modular / Nonmodular)	Sleek	Brown crust	Evoke
		Alstone		
64.	FRP Door & Frame	Jayna	Browncrust	
65.	Drawer Channels	Ozone		
66.	Pot-PTFE bearings	Sanfield	Megaba	
67.	Fire Sealant	Hilti	3M India	Fischer, Wuerth
2. FALSE CEILING				
S. No.	Material	Approved Makes / Brands		
1.	False Ceiling – Gypsum	Saint Gobain, Tranquil	Anakon, BSR Calsi	USG Knauf
		Armstrong, Sakarni	Unidus, Gyproc	Armstrong
2.	False Ceiling – Metal	Saint Gobain	Hunter Douglas	NLF
		Viva, Tranquil	Dexune	Anakon, BSR Calsi
		Unidus	Aerolite, Bollard	USG Knauf, Sakarni
3.	Gyp Board	Saint Gobain, Sakarni	USG Knauf, Tranquil	Lafarge, Anakon
4.	Open Cell Ceiling	Armstrong, Dexune	Durlum , Anakon	SAS, Bollard, NLF
		New age False ceiling Pvt. Ltd, Sakarni	Hunter Douglas, USG Knauf	Unidus, Aerolite, BSR Calsi, Tranquil
5.	False Ceiling Grid System	Gyproc	Grid System	RK
		Gridline, Tranquil	Armstrong, BSR Calsi	USG Knauf
		Anakon, Sakarni	Unidus ,Bollard	Aerolite
6.	Baffle Ceiling	Hunter Douglas	Durlum, NLF	Reynoarch , USG Knauf
		New age False ceiling Pvt. Ltd	Armstrong, Viva	Unistone, Dexune, BSR Calsi
		SAS, Anakon, Sakarni	Unidus, Bollard	Aerolite, Tranquil
7.	Acoustical Tile False Ceiling	Armstrong , USG Knauf	Bollard, NLF	Himalaya Acoustic, Hunter Douglas
		New age False ceiling Pvt. Ltd	Anakon, Dexune, BSR Calsi, Tranquil	Unidus, Aerolite
8.	Acrylic Solid Surfaces	Dupont	L.G-Hymac	Neoonex
		Hanex	Tranquil	

3. FLOORINGS				
S. No.	Material	Approved Makes / Brands		
1	Mosaic / Chequered Tiles	Cera	Nitco	Orient Bell
		Dalal Industries	Unistone	AGL
2.	Ceramic Tiles / Glazed Tiles	Kajaria	Somany, Orient Bell	H&R Johnson
		AGL	Cera / Nitco	Unistone
3.	Homogenous body Vitrified Tiles (Antiskid / Matt / Glazed)	Somany	Kajaria	Cera
		AGL	Nitco	H&R Johnson
		Orient Bell	Unistone	
4.	PVC Flooring	Armstrong	Target	LG
5.	Cement Concrete Tiles (Designer Tiles)	Unistone	Ultra	Eurocon
		Terra Firma	Orient Bell	
6.	Paver Block & Kerb Stone	Nitco	Unitile	Ultra
		Dalal Industries	Orient Bell	
7.	Tiles / Stone Adhesive / Tiles / Epoxy Grout	Fosroc, Pidilite	Orient Bell	RACHTR, Thermax Ltd.
		Asian Paints Smartcare	BASF, Unistone	Reynoarch
8.	Dash / Anchoring Fasteners	Hilti, AFT	Fisher, Wuerth	Bosch
9.	Floor Hardener	Ironite	Fosroc	Hardonite
		Sikka	Asian Paints Smartcare	Koncept, Thermax Ltd.
10.	Laminated Floor	Action	Tesa	Pergo
11.	Composite Marble / Granite / Engineered Stone	Asian	Johnson	Kalinga
12.	Water Based Melamine Polish	Asian Paint	Pidilite	ICI Dulux
		Berger	Acro	Jubilant
13.	Fire Retardant Paint	Asian Paint	Berger Paint	Acro, Paramount Adhins
14.	Clamp System for Dry Stone Cladding	Hilti, AFT	Fischer	Bosch
		Rawl Plug	Axel Industries	Koncept, Wuerth
15.	Calcium Silicate False Ceiling	Everest	NCL	Aerolite
16.	Calcium Silicate Ceiling Tile / Board	Gyproc	USG Knauf	Hilux
		Erolite	Aerolite	
17.	All Signages	Prolite Autoglow Ltd.	Mr. Illumination Graphics & Safety Pvt. Ltd.	ARP Engineering Solutions
		Ladwa's	Print Studio International	

4. GLAZINGS				
S. No.	Material	Approved Makes / Brands		
1.	Anodised Aluminum Hardware (Heavy Duty)	Hardima	Indalco	Hindalco
		Everite	Godrej	
2.	Aluminum Structural (Members – Windows, Glazing and Partitions)	Jindal	Indalco	Hindalco
		Nalco	Bhoruka	NLF

3.	Glazing Structural / Suspended / Skylight	Saint Gobain	Pilkington	Glaverbal
4.	Clear / Float / Frosted Glass	Saint Gobain	AIS	Pilkington
		MODI Guard	Atul	
5.	Glass Spider Fittings	Dorma , GEZE	Hafale	Ozone
6.	Stainless Steel Railing, Accessories etc. in Grade 316	Dorma	D-line	Geze
		Ozone	Dorset	Technorail, Konzept
7.	Hermitically Sealed performance glass Toughened Glass	Saint Gobain	Guardian Glass	Pilkington
		Modiguard		
8.	Fire Rated Vision Panels	Pilkington	Schott	Ferilite
		Saint Gobain	Glaverbel	Pyroguard
9.	Extruded Ceramic/ Terracota Panel Cladding	Hunter Douglas	Neolith	Terreal
		Unistone	Clayton	Moeding, Tempo
10.	Aluminum Louvers	Hunter Douglas	Kawneer	Viva, Colt
		Unistone, Alumaze (Govind International)	Reynoarch	Renolt, Alstone
11.	Aluminium Composite Panels	Alstone	Alucobond, Alubond DACS India Pvt..Ltd	Alpolic
		Aludecor Lamination Pvt.Ltd.		Alstrong Enterprises India Pvt. Ltd.
		Virgo	Reynoarch	Eurobond
12.	Honeycomb Panel	Viva	Alucobond	Alpolic
13.	Fly Ash	As per approval of competent Authority		
14.	Friction Stay Hinges	Dorma	LG Sysmac	Dorset
15.	EPDM Gasket	Hanu	Anand	Osaka / Alps
16.	Glass Processor for making DGU / Toughing	Art N Glass	GSC (Noida)	Sejal
		ASAHI	Gold Plus	Kaenat Glass
17.	Mirror Glass	Atul Ltd	Modi Guard	Saint Gobain
		Glalverbel	AIS	ASAHI
18.	UPVC Doors & Windows	Fenesta, Wintech	Asian Paints Smartcare	APL Apollo
		PSP	Rehau	
19.	Poly Sulphine Sealant	Wacker	Dow Corning	GE, RACHTR

20.	Silicone / Weather Sealant	Wacker	Dow Corning	RACHTR, Alstone
21.	Wooden Door & Frame	Jayna	Kutty	Alstone

5. HARDWARE				
S. No.	Material	Approved Makes / Brands		
1	Nuts / Bolts / Fastners / Screws	GKW	Atul, Wuerth	Hilti, AFT
		Rawlplug	Pyrotech	Ozone, Konzept
2.	Door/Window Fittings –Heavy Duty	Godrej	Everite	Dorset
		Hardwyn	Ozone	Geze, Doorkey
3.	Door Closer-Heavy Duty	Dorma	Godrej	Hettich
		Everite, Doorkey	Hardwyn	Ozone
4.	Die Cast Patch Fittings-Heavy Duty	Dorma	Geze	AssaAbloy
		Hettich	Ozone	Doorkey
5.	Fire Rated Doors & Frame	Iclean	Shakti	Promat
		Navair	Alhada	GMP
		Pyrotech	Bhavani Fire, Doorkey	Ases
6.	Floor Springs-Heavy Duty	Dorma	Geze	Hettich
		Dorset, Doorkey	Everite	Ozone
7.	SS Mortise lock with one dead bolt and pair of SS handles steel grade SS 304	Dorma	Godrej	Hafele
		Dorset, Doorkey	Pyrotech , Geze	Ozone
8.	SS Mortise latch & lock with six levers and pair of SS handles steelgrade SS 304	Dorma	Godrej	Hafele
		Dorset, Doorkey	Pyrotech , Geze	Ozone
9.	SS Tower bolt-Heavy Duty	Dorma, Doorkey	Geze, Godrej	Hafele, Ozone
10.	SS Butt hinges with ball bearing grade SS 316	Dorma, Pyrotech, Doorkey	Godrej, Ozone	Ingersoll Rand, Geze
11.	Stainless Steel Sliding Door bolts-Heavy Duty	Ingersoll Rand, Doorkey	Hafele, Ozone	Godrej , Geze
12.	Pull handle back to back of length 150mm of Steel Grade SS 304	Godrej	Geze	Ozone
		Pyrotech, Doorkey	Dorset	Dorma
13	Pull handle, single side of length 150mm of Steel Grade SS 304	Godrej	Geze	Ozone
		Pyrotech, Doorkey	Dorset	Dorma
14.	Aluminium lever Handles	Hardima	Godrej	Everite
15.	Magic Eye	Ozone, Geze, Doorkey	Dorma, Ingersoll Rand	Godrej
16.	Lever handle in SS 316 finish	Dorma	Hafele	Godrej

		Geze	Ozone	Doorky
17	Covered Shelter	Unistone	Etacon	
18	Modular railing, SS Clamp, SS Dustbin, SS Bench	Ozone, Technoraill, Steelex, Koncept, Doorky, AFT		

6. HVAC / VENTILATION SYSTEM				
S. No.	Material	Approved Makes / Brands		
1	Chillers	York	Carrier	Daikin
		Dunham Bush	Trane	
2	Chilled/ Condenser Pumps:	Kirloskar	Bell & Gossett	Wilo (Mather+Platt)
		Grundfos	Lubi	
3	Cooling Towers	Mihir	Advance	Paharpur
4	Hot Water Generator	Rapid Cool	Emerald	Sandhu
5	Air Handling Units & TFA:			
5 a.	Air Handling Units (Eurovent certified)	VTs	System Air	Stulz
		Flaktwood	Edgetech	Zeco
5b.	Cooling Coil	As per manufacture standard of AHU		
5c.	Fan	Kruger / Comferi	Airflow	Nikotra
		Rallison		
6	Fan Coil Unit & Cassette Unit	Sinko	Carryaire	Trane
		Rallison		
7	Split AC	Daikin	Hitachi	Toshiba
		Carrier		
8	M.S. Pipes: - Any dia	Tata	Jindal Hissar	Sail, APL Apollo
9	Butterfly Valves	Advance	L&T	Danfoss
		VTM	Axim	Castle
10	Motorized Butterfly Valve	Belimo	Danfoss	Siemens
		Oventrop	Advance	Castle
11	Pressure independent control valve (PICV)	Belimo	Danfoss	Siemens
		Oventrop	Advance	Castle
12	Check Valves	Advance	L&T	Danfoss
		VTM	Axim	Castle
13	Ball valve	Zoloto	Audco	RC
		VTM	Axin	Castle

14	Balancing Valves	Danfoss	Advance	Danfoss
		VTM	Axin	Castle
15	2-way Modulating Valves with Thermostat	Belimo	Honeywell	Siemens
16	2-way on off valve with thermostat for FCU	Belimo	Honeywell	Siemens
17	Expansion Bellows	Resistoflex	Easyflex	Areaflex
		Dunlop	Axin	
18	Pot/Y-Strainers	Sandhu	Rapid Cool	Emerald
		Axin		Castle
19	Suction Guide with Strainer	Anergy	Armstrong	Emerald
		Axin		
20	BTU meter	Belimo	Siemens	Honeywell
		Shenitech		
21	RH Sensor	Belimo	Honeywell	Siemens
		Omnicon		
22	Thermostat	Danfoss	Belimo	Honeywell
		Siemens	Omnicon	
23	Pressure Gauge (Industrial Type)	Feibig	H. Guru	Emerald
		Axin		
24	Differential Pressure Switch	Siemens	Rapid Contro	Anergy
		Sant		
25	Thermometers	Feibig	H.Guru	H.Guru
		Emerald	Axin	
26	Closed Expansion Tank	Anergy	Bell & Gossett	Sandhu
		Emerald		

27	Air Separator	Anergy	Emerald	Sandhu
28	Auto Air Vent	Anergy	Rapid Cool	Oventrop
29	Plug Valve	Anergy	Rapid Cool	Castle
30	G.I. Sheets	Sail	Tata	Jindal, APL Apollo
31	MS. Sheets	Hindalco	Balco	NALCO, APL Apollo
32	Fire Dampers	Systemair	Caryaire	Ruskin
		Greenheck		
33	Damper Actuator	Belimo	Sinider	Sinider
34	Grills/Diffusers	Systemair	Caryaire	Titus
		Trox		
35	Fresh Air Louvers	Systemair	Caryaire	Titus
		Trox		
36	Resinbonded Glass Wool Insulation/ XLPE	UP TWIGA	Owens Corning	Kimmco
		K-flex	Paramount	
37	Protective Coating over insulation (Lag coating)	Pidilite	Foster	Idendan
		CISBOND	Paramount Adhins	
38	Resinbonded Glass Wool Acoustic - Insulation / Oxide Acetate	UP TWIGA	Owens Corning	Kimmco
		K-flex	Paramount	
39	Insulation Adhesive	Pidilite	Foster	CISBOND
		Henkel	Paramount Adhins	
40	Factory Made ducting	Rolastar	Ductofab	Zeco
		Technofab	Ecoduct	
41	Filters (in Air-conditioning system) Ventilation Fans:	Thermodyne	Purolator	Anfilco
		Mackmark		
42	Tube/Vane Axial	Kruger	System Air	Greenheck
43	Inline (Centrifugal)	Kruger	System Air	Caryaire
		Ostberg		
44	Propellr Fans	Kruger	GE	Crompton
		Rallison		

45	Air Washer/Scrubber	Edgetech	Zeco	System Air
		VTS	Crystal Air	
46	Fan	Kruger	Nikotra	Comferi
		Rallison		
47	Pump	Kirloskar	Beacon	Wilo
48	Filters	As per manufacturer's standard		
49	Heat Recovery Wheel units	DRI	Enventus (Ostberg)	Flakt
50	Heat Pipe	HPT	SPC	VTS
51	Vibration Isolator	Easyflex	Resistoflex	Dunlop
52	Anchor/Fastener	Hilti, AFT	Fisher	Gripple
		Rawlplug	Pyrotech	Wuerth
53	Duct Support	GPL	Gripple	Easyflex Zip-Clip
54	PUF Saddles	Lloyds	Beardseil	Malanpur
55	FCU link	ATS (CSI)	Oventrop	CIM
56	Sound Attenuator	Ruskin	Systemair	Trox
57	CO Sensor	Siemens	Omicron	Johnson
58	VFD	Danfoss	ABB	Siemens
		Fuji		
59	CO2 Sensor	Siemens	Omicron	Johnson
60	Demand Ventilation System	Fanair	Asawa	
61	Equipment	Conaire	Glenstorm	Tristar
62	Motorized Assembly	Conaire	Glenstorm	Tristar
63	Integrator	Conaire	Glenstorm	Tristar
64	High Density PVC Pipe	Finolex	Kissan	Prince
		Supreme	APL Apollo	

65	UVC	Universal UV Solutions	UVTronix	Supco
66	Online Scale preventer	Scale Guard	Ristello	Supremo
67	Electronic Air Filtration System	Honeywell	Trion	Trane
68	VRF/VRV Syatem	Daikin	Tosiba	Samsung
		Mitsubishi Electric	Midea	
69	Copper Refrigerant Pipe	Camipro	Rajco	Mandev
70	Chilled Water Hi-Wall & Cassette	Midea	Caryaire	Edgetech
71	AHU / FCU Motor	ABB	Crompton	Siemens
72	PACs	Stuluz	Emerson	BlueBox
73	Flexible Duct	UP Twiga	Caryaire	Atco
74	Aluminium Sheet	Nalco	Hindalco	Balco
		Virgo		

7. PLUMBING & SANITARY

S. No.	Material	Approved Makes / Brands		
1.	Sanitary Fittings & Accessories	Hindware	Kohler	Cera, Euronics
		Asian Paints Smartcare	Jaquar, Somany	Roca, Grohe
	Concealed cistern	Hindware	Kohler	Roca
		Geberit	Cera	Jaguar, Euronics
	WC connector	Geberit	Kohler	Cera, Euronics
	Auto Urinal Flush System	Cera	Kohler	Roca
		Grohe	Jaguar	Euronics
2	CP Brass Fittings	Jaquar	Kohler	Parryware
		Hindware	Grohe	Cera, Euronics
3	G.I. / M.S. Pipe	Tata	Jindal (Hissar)	Surya Prakash
		APL Apollo		
4	G I Fittings	Unik	KS	Zoloto
		R-Brand	Surya	

5	SS Pipes (316 Grade)	Jindal, Alpha Press	Tata	Viega
6	HDPE Pipes	Reliance	Jain Irrigation	Oriplast
		Vertex	West Well, APL Apollo	Supreme
		Vectus		
7	DI Pipes	Electrosteel	Jindal	Tata Ductura
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
		Prince	AKG	Surya Roshni
		Vectus	PKS Export	APL Apollo
12	PVC Pipe & Fittings	AKG	Supreme	Finolex
		Surya Prakash	Vectus	APL Apollo
13	CPVC Pipes & Fittings	AKG	Astral	Supreme
		Finolex	Surya Prakash	Vectus
		SFMC	APL Apollo	
14	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO	SKF	Electrosteel
		Saint Gobain	BIC	
15	Centrifugally Cast (Spun) Iron (Class LA) Pipes	NECO	Electro Steel	TATA
		BIC		
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 & Frames	KK manhole	Grating Co. Pvt Ltd	
20	D.I. Manhole Covers & Frames	Neco, RPMF		Kartar
21	Gun Metal Valves, Globes	Kartar	Sant, Castles	Zoloto

22	NRV - Ball type - Sewage application	Danfoss	Zaloto Audco	Castle
23	Bellow Type, Pressure Reducing Valve	CIM	Danfoss	Honey well, Castle
24	Floor Taps	Jayna	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	Sant	Leader
		Kartar	Advance	Castle
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	Paramount	
31	Insulation for external/ exposed hot water pipe	Kaiflex	Armaflex	Careflex
		Lloyd	Paramount	
32	Pipe protection for external water supply pipes	Pypkote, Paramount Adhins	Armaflex	Makpolykote
33	GI/MS Pipe Protection Wrapping & Coating	IWL – Pypkote	Rustech - Coatek	
34	Stainless Steel Sink -316	Neelkanth	Nirali	Jayna
		Cera	Anupam	Franke Fabre
		Franke	Kingston	APL Apollo
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		
		STP	HTL	Hydro Tech

38	Atactic Polypropylene	Pidilite		
39	C.P. Waste, Spreaders Urinal Flush Pipes	Jaquar	Hindware	Cera
40	Check Valve - Dual Plate	Advance	Danfoss	Kirloskar, Castle
41	Ball Valves / wafer type Valves	Zoloto	Leader	AIP, Castle
42	Check Valve Forged Screwed	CIM/ Leader	Sant	Castle
43	Ball Cocks	GPA	Sant	L&K
44	Air Release Valves	Exflame	Leader	Zoloto, Castle
45	Pipecoat	IWL Ltd	Pypkote	STP
46	CI Double Flanged Sluice Valve	Kirloskar	IVC	Sondhi
		Kejriwal		
47	Adhesives	RACHTR	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
		Racold	Havells	Jaguar
51	Hand Drier	Euronics	Duravit, Jaguar	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 System	Through Reverse boring System		
58	Soil anchor for Diaphragm wall	Tata	Usha Martin	Frayssinet India, Dynamic

8. FIRE FIGHTING				
S. No.	Material	Approved Makes / Brands		
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)	Sant	Leader	Zoloto
		CIM		Castle
7	Butterfly Valve	Zoloto	Kirloskar	Leader
		Audco		Castle
8	Motorized Butterfly Valve	Advance	AUDCO	L&T
		Zoloto		Castle
9	Balancing Valve	Advance	Utam& VTM	L&T, Castle
10	Non Return Valve	Advance	Utam& VTM	L&T, Castle
11	Y-Strainer	Emerald	AUDCO	kirloskar
		Zoloto		Castle
12	Pot Strainer	Rapidcool	Emerald	Sant
		AUDCO	Zoloto	Castle
13	Thermometer	Emerald	Anergy	Honeywell
14	PICB Valve	Danfoss	Frees	Ovenrop
		Spirotech	Reflex	
15	Control Valve	HD	Viking (VL Listed)	Castle
16	Airvent	Anergy	Siemens	Emerald
		CIM	Advance	Castle
		Honeywell		

17	Expansion Tank	Anergy	Emerald	
18	Hot Water Generator	Sant	Emerald	Rapidcool
19	Air Pressure Valve	Anergy	Flemco	Castle
		Exflame	Leader	
20	C.I. Double flanged sluice valves	Kirloskar	Zoloto	Sant
		IVC		
21	C.I. Double flanged Non-return valves	Kirloskar	Zoloto	Leader
		IVC		Castle
22	Dual Plate / Wafer Type Non-return valves	Kirloskar	Zoloto	Leader
		IVC		Castle
23	Foot valve with Strainer	Kirloskar	Leader	Zoloto
24	Y-Type / Pot / Suction Strainer	Kirloskar	Leader	Zoloto
		Tyco	Advance	Castle
25	Fire Extinguishers	Zenith, Ases	Minimax	Exflame
		Ceasefire	Newage	
26	First Aid Hose Reel Drum	Exflame	Newage	Minimax
27	Thermo Plastic Hose Reels for Drums	Exflame	Newage	Minimax
28	R.R.L. Hose & C.P. Hose	Exflame	Newage	Eversafe
29	Branch Pipe, Nozzle, Coupling etc.	Exflame	Newage	Eversafe
		Minimax		
		Safe Fire		
30	Landing Valves	Exflame	Newage	
		Minimax		
31	Fire Brigade Connections	Exflame	Newage	
		Minimax		

32	Fire Fighting Equipment not covered elsewhere	Superex	Newage	Eversafe
33	Hose Box	Exflame	Newage	Minimax
34	Sprinkler & Rosette Plates	Tyco	Viking	HD
		Exflame		
35	Flexible Connector (Drop) for Sprinkler	Exflame	Viking	Newage
36	Flow Switches	System Sensor	Honeywell	Potter
		Tyco		
37	Inspector Test valve	Viking	Tyco	Hd
38	Pre-Fabricated Structural supports and clamps	Chilly	Hitech	Camry
		Easyflex		
39	Pressure Gauge	Emerald	Fiebig	H.Guru
		Danfoss		
40	Alarm Valve	Viking	Tyco	HD
41	Antsuction& delivery flexible pipe connectors	Easyflex	Resistoflex	Dunlop
		SAIL	Tata Steel Ltd	RINL
42	Flexible Duct Connector	Mapro	kanwal Industrial corporation	Resistoflex
43	Stainless Steel Branch Pipe	Exflame	Minimax	Newage
44	Fireman Axe / Installation Control Valve	Exflame	Minimax	Newage
45	2-way / 4-way FBC	Exflame	Newage	Minimax
46	Sprinkler Heads	Tyco	HD	Omax UL
47	Pipe Protection Pypcoat wrapping	IWL	Taxa	Mac-poly coat
48	Rubber Bellow	Kanwal Industrial Corporation	Resistoflex	AIP Valves

49	Deluge Valve	Safex	Tyco	HD
50	Flexible Drop (UL Approved)	Safex	HD	Kofulso
51	Anti Vibration Pad	Cori Dunlop	among Pipe Support	Easyflex
		Flexionics	Resistoflex	Emerald
52	Motors for Fire Pumps	Siemens	Kirloskar	Crompton
		ABB	Lubi	BCH
53	Fire Pumps	Kirloskar	Mather & Platt	Grundfoss
		Siemens	Schneider, Lubi	ABB
54	Electrical Switch Gears	Siemens, Eaton	Schneider, BCH	ABB, L&T
55	Power and Control Cables	Universal	Polycab	Havells
		Finolex	Grandlay	
56	Control Panel of Terrace Pumps	SPC Electrotech	Adlec	Tricolite Elect Industry
		RST	Ambit	EVA
		Neptune	Regent Switchgear	Precision System Control
57	Voltmeter & Ammeter	Schneider	Neptune	Rishabh
		Conserve	ABB	
58	Indicating Lamp and Selector Switches	BCH, ABB	Rishabh	Eaton
59	CT	AE	Kappa	Nutech Electrical
60	MCCB / MPCB / MCB/RCCB	Siemens	Schneider	Legrand, Adhunik
		ABB, Eaton	Indoasian	L&T, BCH
61	Contractors / Times, Overload Relays / Starter	L&T, ABB	Siemens, BCH	Schneider
62	Annunciation panels	PCD	Agni	Tricolite
		Adlec	Regent Switchgear	Ases
63	Single phase preventor	Minilac	L&T	Siemens
64	Anti-Vibration Mounting	Kanwal Industrial Corporation	Resistoflex	Ewren
65	Starter	L&T	Siemens	Crompton
		GE, BCH	ABB	Eaton
66	Current Transformer (Cast Resin)	AE	L&T	Kappa
67	Nuts / bolts	Lakshmi	Unbrako	

9. INSULATION				
S. No.	Material	Approved Makes / Brands		
1	Glass Wool	U.P. Twiga	Owen Corning	Poly Glass
2	Nitrile Rubber	Armacell	K-flex	Aerocell
3	Expanded polystyrene	SHI	Beardshell	Styrene packaging
4	Vibration isolator pads	Resistoflex	Kanwal	
5	Paracoat BPC	Paramount	Pidilite	
6	Stone Wool	Roxul Rockwool	Rock wool IN	Paroc
7	XLPE	Paramount	Armacell	K- Flex
10. PUMPS AND WATER TREATMENT SYSTEM				
S. No.	Material	Approved Makes / Brands		
1	Pumps	CRI	Lubi	
		Kirloskar	Crompton	
2	Submersible Drainage Pumps	Lubi	Kirloskar	Crompton
3	Ball Valves	ARCO	Kirloskar	Zoloto, Castle
4	Butterfly Valve	ARCO	Kirloskar	Zoloto, Castle
5	C.I. double flanged sluice valve	Zoloto	ARCO	
		Kirloskar		
6	Non Return Valve	Zoloto	Sant	Castle
		Kartar	Leader	
7	Y – Strainers	Zoloto	Sant	Castle
		Kartar		

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	Thermax Ltd.	Wipro
		Toshiba	Grey water	
13	Salt Saturator	Ion Exchange	Thermax Ltd.	Wipro
		Toshiba		
14	Water Meter	Kent	Marshall	Sant
15	Water Treatment Plant	Ion Exchange	Toshiba	VA tech Wabag
		Thermax Ltd.	Hydro tech Paryavaran	
16	Vessels	Ion Exchange	Thermax Ltd.	Toshiba
17	Mechanical Seal	Burgmann	Sealol	
18	Grease Trap / Separator	ACO	Wade	Kassel

11. SEWAGE TREATMENT PLANT (STP)				
S. No.	Material	Approved Makes / Brands		
1.	STP System Integrator /OEM	Ion Exchange	Toshiba, Grey water Solutions	VA tech Wabag
2.	C.I. double flanged sluice valve	Kirloskar	Leader	Sant
3.	C.I. Disk Type non return valves (65mm dia and above – Dual plate type)	Kirloskar	Leader	Sant
4.	C.I. Strainer more than 65mm dia	Leader	Sant	Castle
5.	PVC Valves	Cepex	Astral	Audco
6.	C.I./D.I. Manholes cover	NECO	Kartar	SKF
7.	Plastic Encapsulated Foot Rest	KGM	KK	
8.	Filter feed pump	Grundfoss	ITT	WILO / KSB

S. No.	Material	Approved Makes / Brands		
9.	Hydro-Pneumatic Pumping Systems (Flushing, Softand garden hydrant)	Grundfoss, Lubi	Kirloskar/ ITT	WILO / KSB
10.	Submersible Sump Pumps for collection chamber, qualizationtank, Plant room drainage, Filter backwash sump	Kirloskar/KSB	Grundfoss Lubi	Crompton
11	Domestic Hydro pneumatic transfer pump	Kirloskar/ Grundfos	DP-Holland, Lubi	Willo - Mather
12	Pressure Transmitters / Hydrostatic Level Indicators	WIKA	Siemens	Johnson Control
13	Pressure Gauges	Fiebig	H. Guru	WIKA
14	Dosing System	ASIA LMI	Milton Roy	Grundfoss
15	Pump Vibration Pads & Suction & Delivery Flexible Connectors	Easyflex	Resistoflex	Dunlop
16	Pressure Sand & Activated carbon filter	M.S. Prefabricated	BRISANZA	FONTUS
17	Air Blowers	IEI/ Everest	Beta	ABL
18	Ultra Violet Disinfection for Treated Effluent	Alpha UV	Sukrut	Neotec, Welbrick
19	Air Diffusors	BOBKAY	MM Aqua	REHAU, Welbrick
20	MBBR media for Aeration tank	MM Aqua	PP Aqua	Tecpro
21	Dosing Pumps	Milton Roy	Asia LMI	Ion Exchange
22	Sludge Pumps (Centrifugal)	Kirloskar	Grundfoss	Lubi
23	Sludge Pumps (Screw)	Lubi	UT Pumps	Stork
24	Lamella/Tube Settler media	Ion Exchange	PP Aqua / MM Aqua	Tecpro, Grey water
25	Centrifuge	Hiller	Alpha	Humboldt Wedag

S. No.	Material	Approved Makes / Brands		
26	UF membrane	Ion Exchange	Suez	Dow, Man hummel
27	MBR membrane	Ion Exchange	Suez	Dow, Man hummel
28	Waste to energy System	Ion Exchange	Thermax Ltd.	Mitsubishi
29	Pressure Gauge	H. Guru	Fiebeig	WIKA
30	Level Gauge	H. Guru	Fiebeig	WIKA, GWSPL
31	pH Meter	Hach	Toshniwal	Ionix, Aster
32	Conductivity Meter	Hach	Toshniwal	Ionix, Aster
33	DO Meter	Hach	Toshniwal	Oakton, Aster
34	TDS Meter	Hach	Toshniwal	Oakton, Aster
35	Ultra Violet Water fier (WTP / STP)	Alfa UV Mumbai	Pentair	Eureka Forbes
36	Syphonic Roof Drainage System	Geberit	Saint Gobain	
37	Ozonisation System	Oraipl	Ozonics	Voltas
38	Geared Motor	Bonfiglioli	Grease Cotton	otova rio
39	Exhausters	Nicotra	Kruger	Green Heck
40	Compost Plant	Excel, Smart Enviro Bombay	Ecoman	Clean India
41	Solid Waste Handling and Conveying	Env Tech (P) Ltd.	Rosa Roca	

12. ELECTRICAL WORKS				
S. No.	Material	Approved Makes / Brands		
1	Air Circuit Breaker	Schneider, Mitsubishi Electric	Siemens	ABB
		L&T, C&S	HPL, Eaton	Legrand, BCH
2	LT Panel / TTA Panel	Siemens, HPL, BCH	ABB, L&T, C&S	Schneider
		Precision System Control	Ases, Indoasian	SPC Electrotech
3	EV charger	Eaton, E Fuel	Lubi, Rittal	ABB

4	MCCB	Schneider	Siemens, Mitsubishi Electric	ABB
		L&T, Legrand, BCH	HPL, Eaton	Indoasian
5	MCB/ MPCB/ DB/ RCCB/ SPD	Siemens, Ases, Legrand, C&S, Indoasian	L&T, HPL, BCH, Phoenix Contact	Schneider, Mitsubishi Electric
6	Modular Type light & power Accessories (Switches, socket etc.)	Legrand, Indoasian	Schneider	ABB
	G.I. Switch Boxes	Siemens, Eaton	L&T	HPL
7	Multifunction Meters	Schneider, C&S	Siemens	L&T
		Mitsubishi Electric	ABB, Phoenix Contact	HPL
8	Power Contactor-AC 3 Rating / Capacitor Duty Contactor / Starter / Thyristor Module	L&T	BCH, HPL	ABB
		Schneider	Mitsubishi Electric	Siemens
9	APFC Relay	Epcos, BCH	L&T	ABB
		Schneider	Phoenix Contact	Siemens
10	Capacitor	Epcos, BCH	L&T	Siemens
		ABB	Neptune	Regent Switchgear
11	Electrical Motor / Motor Starter / Contactor / Switches	Siemens	ABB	Crompton
		L&T	Mitsubishi Electric	BCH
12	Bus Ducts / Rising Mains	Schneider	ABB	ECOM
		L&T	SPC Electrotech	C&S
		Precision System Control		
13	FRLS PVC Insulated Copper Wire	RR Cable	Finolex, Plaza Cable	Polycab
		Gloster, Bonton, BCH	KEI, Batra Henley	DICABS
		Paragon	Avocab	
14	Power Cables / Control Cables up to 11 KV	KEI	Gloster	Polycab
		DICABS	Bonton, Batra Henlay	Plaza Cables
15	Lugs / Gland	Dowel	Comet	BEC
		AKG		

16	PVC Conduit	Polycab	AKG	BEC
		Prestoplast, Norpack	Modi	Pressfit
17	MS Conduit ISI Marked	BEC	AKG	NIC
		JPC	APL Apollo	Adhunik
18	ESE Lightning Protection System / Earthing	Cape Electric	Allied Power Solution	JMV LPS Ltd
19	DLP Trunking	MK Honeywell, Norpack	OBO Betterman	Legrand, Phoenix Contact
20	Floor Trunking / Raceway	PROFAB, AKG	OBO Betterman	SPC Electrotech
21	Cable Tray	PROFAB	Phoenix Contact	SPC Electrotech
		OBO Betterman	AKG	Precision System Control
22	Solar Street Light Fitting with pole	Philips	Bajaj	Havells
		Trilux	Wipro	Jaguar
23	Ceiling Fan / Exhaust Fan	Crompton Greaves	Havells	Usha
		Orient	Rallison	Atomberg
		Bajaj	Almonard	
24	Octagonal/ Decorative Steel Pole	Bajaj	Transrail	Philips, Jaguar
25	Internal Lighting LED	Philips	Jaguar	Havells
		Wipro	Bajaj	
26	Outdoor Lighting	Havells	Wipro	Philips
27	Automatic Fire System	Honeywell	Rotarex	Agni, Ases
28	Solar Panels (Monocrystalline)	Tata Solar Power	BHEL	Power one
		Adani	Havells	ARP Engineering Solutions
29	AHF/APPF/ AMF / EPP/ FPP/AVR	Regent Switchgear	ARP Engineering Solutions	EVA, Unitop
30	Automatic Phase Sequence Corrector	Siemens, ARP Engineering Solutions	Unitop	Vertiv
31	Constant Voltage Constant Frequency , Transient	Siemens, ARP Engineering Solutions	Unitop	Vertiv
32	K13 isolation Transformer	Siemens, ARP Engineering Solutions	Unitop	Vertiv

13. SUBSTATION WORKS				
S. No.	Material	Approved Makes / Brands		
1	Transformers	Siemens	Schneider Electric	ABB
		National	BHEL	
2	HT Panels	Schneider Electric	L&T	ABB
	VCB HT Panels	Schneider Electric	L&T	ABB
		Precision System Control	Eaton	
3	H.T. Termination & Joining Kit	Ray Chem	M-Seal	Birla – 3M
		Denson		
4	Cables Glands	Comet	Dowell	Phoenix Contact
		Siemens	Braco	JMV LPS Ltd
5	Capacitor bank (ISI Marked)	Epcos	L&T	EVA, JMV LPS Ltd
		ABB	Siemens	Regent Switchgear
6	Maintenance Free Earthing	Protec	Tercel	JMV LPS Ltd
		Ecosafe		
7	ATS (Automatic Transformer Switch)	ABB	L&T	Schneider Electric
		Vitzrotech		
8	Protection Relays	ABB	Schneider Electric	Siemens
		L&T	Phoenix Contact	
9	Current Transformer (Cast Resin Epoxy Coated)/ Potential Transformer	ABB	L&T	Kappa
		JMV LPS Ltd		
10	Electrical Digital Meter with LCD Display	ABB, Vallect	Schneider, L&T	Siemens, JMV LPS Ltd
11	HRC Fuse and Fuse Fitting	ABB	Siemens	L&T, Indoasian
12	Indicating Lamps	L&T, ABB	Siemens, Eaton	Schneider

14. DG SETS & RELATED ITEMS				
S. No.	Material	Approved Makes / Brands		
1	DG Set	Kirolskar	Cummins	
2	Diesel Engine	Cummins	Kirolskar	
3	Alternator	Kirolskar	Stamford	Crompton Greaves
4	Batteries	HBL Power	Exide	Amaron
5	Batteries Charger	HBL Power	Volstat Electronics	Statcon
6	PLC	Schneider	As per OEM	Siemens
7	NIS / NGR	Essen	As per OEM	RSI Switchgear

15. FIRE DETECTION & ALARM SYSTEM				
S. No.	Material	Approved Makes / Brands		
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	Eaton	Mircom, Ases	Ekavis
		Honeywell	Edwards	Ravel/Aaral
2	UPS System	Eaton, Powerone	Emerson	Schneider
3	Fire Survival Cable	Ekavis	Bosch	Ayzo
		DICABS		
4	Public Address & Background music system	Bosch	Ekavis	Siemens
		Ekavis	GE	Bosch, Ravel/Aaral
5	Access Control	Bosch	RBH Access	Varcada
		Software House	Tyco	Lenel
		Suprema, Euronics	Invixium	Avians
6	Emergency Break Glass Unit	Eaton	Emerson	Schneider

16. IP BASED CCTV SYSTEM & SECURITY ITEM				
S. No.	Material	Approved Makes / Brands		
1	NVR & Accessories Encoder Decoder	Honeywell	Bosch	Pelco
		Siemens	Hikvision	GVD
2	CCTV Cameras	Honeywell	Bosch	Pelco
		Hikvision	GVD	
3	Power Supply	Ekavis	Semac, Phoenix Contact	Wago
4	Weather proofing housing	Honeywell	Bosch	Pelco
		Siemens	Hikvision	
5	Baggage Scanner	Rapiscan	Smith Detection	Safran Morpho
		Houston System		
6	Door Frame Metal Detector	Hikvision	Prama , Houston System	Garrett, Ceia
7	Hand Held Metal Detector	Hikvision	Prama , Houston System	Garrett, Ceia

8	Network Switch (L2 / L3)	Cisco	Microsens	HP
		Signamax	Phoenix Contact	Hikvision
9	Multipurpose Poles	KeselecSchreder	Heper	Wipro
10	Digital Lighting	Osram	Heper	Serenity
		Signamax		
11	Boom Barrier	Came	Nice , Houston System	Beninca
		Godrej	Hikvision	Megnatic
12	Co-Axial TV Cable	L&T	Havells	Polycab
		Finolex	Skytone, Plaza Cables	Bonton, RnM
13	CAT6 24Port Jack Panel	Tyco, RnM	Systemax	Siemens
14	Passive networking – Cat6A cable and accessories	Siemon	Sistemax	Orange Electric
		Hikvision	Prama, RnM	Aark
15	Passive networking – Itracks	Siemon	Rittal	Nikon
		Orange Electric	RnM	BCH
16	Structured Cabling and components	Schindler	Siemon	Systemax
		Legrand	Tyco	RnM
17	Fire Cable	Finolex	Polycab	Bonton
18	Network Attached Storage	HP, Hikvision	Dell	Lenovo
19	Desktop PC	HP	Dell	Lenovo
20	Professional Display Panel	HP, Dell	Vallect, Hikvision	Lenovo
21	EPABX	NEC	Avaya	Alacatel
22	Video Management System	RBH	Varcada	Axis
23	Video Analytics	RBH	Varcada	Axis
24	ICCC- Integrated Command Control Centre	RBH	CNL	IBM
25	Facial Recognition System	RBH	Varcada	Axis
26	IP- Based Panic Switch	RBH	Varcada	Axis
17. ELEVATORS & ESCALATORS				
S. No.	Material	Approved Makes / Brands		
1	Elevators/Escalators	Mitsubishi	Johnson	Schindler
		OTIS		

18. LANDSCAPE WORKS				
S. No.	Material	Approved Makes / Brands		
1	Water Body Vendors/Fountain	Ripple Engineering	Premium Pools	Watcon Water Specialist
		Aqva Star	Certikin	

2	Irrigation Products	Stitchwell Qualite x	Irrigation Products International	Jain Irrigation Systems
19. MISCELLANEOUS / OTHER WORKS				
S. No.	Material	Approved Makes / Brands		
1	Customized Cable tray for multi services, Lighting & LV wiring	BEC, AKG	Leeway Design	OBO Betterman
2	Optical Turnstiles	Boon Edam	Gunnebo, Houston System	Kaba,
3	Central Vacuum System	Sistemair	Sachvac	Schonbach
4	Multi-Purpose Poles	Keselec	Heper	Wipro
5	Garbage Chute system	Ecotech Chutes	Horizon Chutes	Hardal
6	Waste Compacter bins	Universal e cube	Big Belly Solar	Schonbach
7	Polyurethane Sealent	Fosroc, Choksey	Asian Paints Smartcare	Pidilite
8	Adhesive for Wood Work	Dunlop	Fevicol	Vamicol
		Pidilite		
9	Landscape Furniture	KK Manhole & Grating Co. Pvt. Ltd.	JSL Architecture Ltd	
10	Hdpe Grass Pavers & Hdpe Drain Board	Ovilite	Aceturf	Plydex, Technonicol
11	Ornate Pots (Removable Planters)	Smart Exteriors	Yuccabe	Raunaq Sales
12	Stone slabs – Marble & Granite	R.K.Marble	Arasi Empexs	Mangla Group
		DBS		
13	Insulated Aluminium Panels	Luxalon	Qbiss	
14	Kids Play Equipment	Koochie	Kompam	
15	Terminal Blocks	Phoenix Contact	Wago	
16	Dustbin	Neelkamal	Supreme	
17	Steel Door Frames	APL Apollo	Jindal, Pyrotech	Navair , Bhavani Fire
18	Flap / Swing Barrier	Houston System, Kaba	Hikvision	Megnatic, Boom Edam
19	Art Work - Sculptures	Kalanishtha Enterprises	Art View Studio	Us India Art & Culture Exchange
		Art Kommune		
20	Furniture's	Geeken	Godrej	Herman Miller, NLF
		Wipro	Steel Case	