



Request for Proposal

For

Redevelopment of Khandwa Railway Station

Through

**Engineering, Procurement & Construction
(EPC) Mode**

(RFP No. GSU/RFP/SD/KNW/2025 dated 14.07.2025)

**Ministry of Railways
Government of India**

July 2025

Signature Not
Verified

Digitally signed by
Dhalendra Kumar
Shukla
Date: 2025.07.14
20:39:04 IST
Reason: IREPS-CRIS
Location: New Delhi

**[CHIEF PROJECT MANAGER, GATI SHAKTI UNIT, BHUSAWAL DIVISION,
CENTRAL RAILWAY]**

SECTION 1

INTRODUCTION

1.1 Background

- 1.1.1 The President of India represented by the Ministry of Railways, Chief Project Manager, Gati Shakti Unit, Bhusawal Division (the “**Authority**”), having its principal office at Divisional Railway Manger Office, Bhusawal Division, Bhusawal, 425203, India, is engaged in the development of railways and related infrastructure, and as part of this endeavour, the Authority has decided to undertake Redevelopment of the Khandwa railway Station, Redevelopment of Khandwa Railway Station (the “**Project**”) through an Engineering, Procurement and Construction (the “**EPC**”) Contract, and has decided to carry out an open, competitive. Bidding Process for selection of a Bidder to whom the Project may be awarded. A brief description of the Project may be seen in the Information Memorandum of the Project at the Railway website [https:// ireps.gov.in](https://ireps.gov.in). Brief particulars of the Project are as follows:

Name of the Project	Estimated Project Cost (In Rs. cr.)	No. of Years for completion of work
Redevelopment of Khandwa Railway Station	92.18	[2.0 years]

- 1.1.2 The Selected Bidder (the “**Contractor**”) shall be responsible for Engineering, Procurement and Construction of the Project under and in accordance with the provisions of an Engineering, Procurement and Construction agreement (the “**EPC Agreement**”) to be entered into between the Selected Bidder and the Authority in the form provided by the Authority as part of the Bidding Documents pursuant hereto. The scope of work will broadly include Survey, Design, Engineering, Procurement, and Construction of all the buildings, structures, elements, facilities including that of MEP, Electric general, TRD and S&T Works. Complete designing, detailing, drawings survey, investigations, design and construction of Redevelopment of Khandwa Railway Station.
- 1.1.3 The estimated cost of the Project (the “**Estimated Project Cost**”) has been specified in the clause 1.1.1 above. The assessment of actual costs, however, will have to be made by the Bidders.
- 1.1.4 The draft EPC Agreement sets forth the detailed terms and conditions for award of the Project to the Contractor, including the scope of the Contractor’s services and obligations.
- 1.1.5 The Authority shall receive Bids pursuant to this RFP in accordance with the terms set forth in this RFP and other documents to be provided by the Authority pursuant to this RFP, as modified, altered, amended and clarified from time to time by the Authority (collectively the “**Bidding Documents**”), and all Bids shall be prepared and submitted in accordance with such terms on or before the Bid Due Date specified in Clause 1.3 for submission of Bids (the “**Bid Due Date**”).

1.2 Brief description of Bidding Process

- 1.2.1 The Authority has adopted a single stage two packet system (referred to as the "**Bidding Process**") for selection of the Bidder for award of the Project. The 1st part (the "**Technical Bid**") of the process involves qualification (the "**Qualification**") of the interested parties/Consortium/Joint Venture who submits a Bid in accordance with the provisions of this RFP (the "**Bidder**", which expression shall, unless repugnant to the context, include the members of the Consortium /Joint Venture). The 2nd part of the process involves opening of Financial proposals (the "**Financial Bid**") of the bidders qualified in Technical Bid. The Technical and Financial Bid shall collectively be referred as Bid (the "**Bid**"). The Bidder would be required to furnish all information specified in this RFP. At the Qualification stage, the Technical Bids of Bidders would be evaluated and only those Bidders that are qualified by the Authority shall be eligible for the 2nd part of the Bidding Process comprising opening and evaluation of their Financial Bids. GOI has issued guidelines (see Annexure VI of Appendix-1A of RFP) for qualification of Bidders seeking to acquire stakes in any public sector enterprise through the process of disinvestment. These guidelines shall apply mutatis mutandis to this Bidding Process. The Authority shall be entitled to disqualify any Bidder in accordance with the aforesaid guidelines at any stage of the Bidding Process. Bidders must satisfy themselves that they are qualified to Bid, and should give an undertaking to this effect in the form at Appendix-IA.
- 1.2.2 The Bid shall be valid for a period of 180 days from the date specified in Clause 1.3 for submission of Bids (the "**Bid Due Date**").
- 1.2.3 The Bidding Documents including the draft EPC Agreement for the Project is enclosed for the Bidders. The Feasibility prepared by the Authority/ consultants of the Authority (the "**Feasibility Report**") is also enclosed. The Feasibility Report of the Project is being provided only as a preliminary reference document by way of assistance to the Bidders who are expected to carry out their own surveys, investigations and other detailed examination of the Project before submitting their Bids. Nothing contained in the Feasibility Report shall be binding on the Authority nor confer any right on the Bidders, and the Authority shall have no liability whatsoever in relation to or arising out of any or all contents of the Feasibility Report. The aforesaid documents and any addenda issued subsequent to this RFP Document, will be deemed to form part of the Bidding Documents.
- 1.2.4 A Bidder is required to submit, along with its Bid, a Bid Security of Rs. 46,09,477/- (the "**Bid Security**"), refundable not later than 200 (Two hundred) days from the Bid Due Date, except in the case of the Selected Bidder whose Bid Security shall be retained till it has provided a Performance and Additional Performance Security (if any) as per the provision of this RFP and LOA. The Bidder will have to provide Bid Security through [Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque, e- payment Gateway of Authority or submitted as Bank Guarantee Bond from a scheduled commercial bank of India]. The Bank Guarantee bond shall be as per Appendix-VII and shall be valid for a period of 90 days beyond the bid validity period. The Bid shall be summarily rejected if it is not accompanied by the prescribed amount of Bid Security. The Bid document shall be available free of cost through e-portal (IREPS.gov.in).
- 1.2.5 Bidders are advised to examine the Project in greater detail, and to carry out, at their cost, such studies as may be required for submitting their respective Bids for award of the contract including implementation of the Project.

- 1.2.6 Bids will be evaluated for the Project on the basis of the lowest cost required by a Bidder for implementing the Project (the "**Bid Price**"). The total time allowed for completion of construction under the Agreement (the "**Construction Period**") and the period during which the Contractor shall be liable for rectification of any defect or deficiency in the Project after completion of the Construction Period (the "**Defect Liability Period**") shall be pre-determined, and are specified in the draft EPC Agreement forming part of the Bidding Documents.

▲ In this RFP, the term "**Lowest Bidder**" shall mean the Bidder who qualifies the Technical Bid criteria (Qualification Stage) and is quoting the lowest Bid Price, subject to the provisions of Clause 1.2.7, the Project will be awarded to the Lowest Bidder.

- 1.2.7 Generally, the Lowest Bidder shall be the selected Bidder. In case such Lowest Bidder withdraws or is not selected for whatsoever reason except the reason mentioned in Clause 2.1.12/ e, the Authority shall annul the Bidding Process and invite fresh Bids.

- 1.2.8 Other details of the process to be followed under this Bidding Process and the terms thereof are spelt out in this RFP.

- 1.2.9 Any queries or request for additional information concerning this RFP shall be submitted in writing by speed post/courier/special messenger or by e-mail, through IREPS.Gov.in, so as to reach the officer designated in Clause 2.11.4 by the specified date. The envelopes/ communication shall clearly bear the following identification/ title:

▲ "Queries / Request for Additional Information: RFP for Redevelopment of Khandwa Railway Station Project".

1.3 Schedule of Bidding Process

The Authority shall endeavour to adhere to the following schedule:

Sl. No.	Event Description	Date
1.	Invitation of RFP (NIT)	Redevelopment of Khandwa Railway Station
2.	Last date for receiving queries	[06/08/2025, 24 th day from the date of NIT]
3.	1 st Pre-Bid meeting at venue 2.11.4 (i)	[07/08/2025, 25 th day from the date of NIT]
4.	Authority response to queries latest by	[18/08/2025, 35 th day from the date of NIT]
5.	2 nd Pre-Bid meeting at venue 2.11.4 (i), if required	-
6.	Authority response to queries latest by	-
7.	Last date of Request for Bid Document	[08/09/2025, 61 day from date of NIT, up to 03.00 PM]
8.	Bid Due Date	[09/09/2025, 62 th day from date of NIT, up to 03.00 PM]
9.	Physical Submission of all documents listed in clause no 2.11.2	[12/09/2025, 65 th day from date of NIT, up to 03.00 PM]
10.	Opening of Technical Bids at venue 2.11.4 (i)	[15/09/2025, 67 th day from date of NIT after 03.00 PM]
11.	Declaration of eligible / qualified Bidders	Will be intimated during bidding

		process
12.	Opening of Financial Bid	Will be intimated during bidding process
13.	Return of signed duplicate copy of LOA	Within 7 days of LOA issue
14.	Validity of Bid	180 days from Bid Due Date
15.	Submission of Performance Security	Within 30 days of issue of LOA.
16.	Signing of Agreement	Within 60 days of receipt of LOA.

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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 Authority Engineer.

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 Authority Engineer

S.No.	Material	Approved Makes / Brands		
1. CIVIL & STRUCTURAL				
1.	Anti-Termite Pesticide (Imidacloprid)	Bayer	FMC India	Hindustan Insecticides
		DE-NOCIL		
2.	Anti-Termite Treatment Specialized Agency	Rentokil PCI	Godrej Pest Control	Surti Pest Control
3.	Ordinary Portland Cement / Portland Pozzolona Cement	ACC	Ultratech	J. K Cement
		Zuari Cement	Ambuja Cement	India Cement
		Lafarge	Brila Cement	
4.	White Cement	Birla White	J.K. White	Lafarge
		ACC		
5.	Ready Mix Concrete	ACC	Ultratech	JK Cement
		Lafarge	L&T	
6.	Reinforcement Steel (HYSD TMT-Fe 500 / 500D)	SAIL	Tata Steel	RINL
		JSW Steel Ltd	Electrosteel	Shyam Steel Industries Limited
		JSPL	APL Apollo	
7.	Structural Steel / M.S. Tubes	TATA	JSW Steel Ltd	SAIL
		Jindal Steel & Power Ltd	Rashtriya Ispat Nigam Ltd	APL APollo
8.	Steel Hollow Sections	TATA	Jindal	APL Apollo
9.	HTS / HTS Strands	TATA	Usha Martin	Dynamic
10.	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals	M.C. Bauchemie	Fosroc	Pidilite
		CICO	Sika	BASF
		Asian Laboratories	Ultracon	Kryton
		Mapei	MYK Arment	Apple Chemie
		Chryso(Saint Gobain)	Jubilant	Tremco CPG
11.	Waterproofing Compound (Crystalline)	BASF	Sika	Penetron
		Fosroc	Kryton	Home Pride
		Pidilite	Carlisle	Jubilant
		Tikidan	MYK Arment	Sunanda Chemicals
		M.C. Bauchemie	Apple Chemie	Chryso(Saint Gobain)
12.	Waterproofing Self Adhesive (HDPE) membrane	GRACE	Fosroc	Pidilite
		Kintop	Keshun	MYK Arment
		Technicol	Tikidan	SIKA
		Mapei	Asian Paints	M.C. Bauchemie
		Sunanda Chemicals	DBS Building Products Pvt. Ltd.	Chryso(Saint Gobain)
13.	EPDM Waterproofing Membrane	Carlisle	Pidilite	STP
		Fire Stone	Polyvomma	DBS

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S.No.	Material	Approved Makes / Brands		
		Sunanda Chemicals	Chryso(Saint Gobain)	MYK Arment
14.	PU Elastomeric Membrane (spray applied for Deck Waterproofing)	BASF	Fosroc	Sika
		Keshun	Pidilite	STP
		MYK Arment	Sunanda Chemicals	Mapei
		Chryso(Saint Gobain)	Jubilant	Tremco CPG
15.	Concrete Curing Compound	Fosroc	Sika	MASF
		Pidilite	Mapei	MYK Arment
		Tlkidan	M.C. Bauchemei	Apple Chemie
		Chryso(Saint Gobain)	Tremco CPG	
16.	Glasswool Insulation	UP Twiga	Poly Glass	Owenscorning
		Rockwool India	USG Kanauff	
17.	Rock Wool Insulation	Lloyds	Roxul Rockwool	Siderise
18.	Swellable Bar	Pidilite	Fosroc	Keshun
		Hayakawa	BASF	Mapei
		Chryso(Saint Gobain)	Tremco CPG	MYK Arment
19.	Polycarbonate Sheet	GE Plastic (SABIC)	Gallina	DPI Daylighting
		Lexan	Tuflite	Polygal
		Danpal		
20.	Expanded PolyStyrene Sheet (EPS)	Penguin	Kiwi	E-Pack
21.	Extruded Polysterene Board	STP	Supreme	Owens Corning
		Shalimar		
22.	Soil Anchor for Diaphragm Wall	Tata	Usha Martin	Frayssinet India
23.	Decking Steel Sheet	TATA Steel	Lloyds	JSW
		RINL	APL Apollo	
24.	Shuttering Ply	Archid	Century	Merino
		Kitply	Virgo	
25.	Rebarring Chemical	Hilti	3M India	Birla
		Fischer	ICFS	Mapei
		EJOT	Jubilant	AFT
26.	Modular type expansion joint system (for bridges)	Sanfield	Megaba	Deevin
		Mapei	Cameo Inc (Migua)	
27.	Pot-PTFE bearings	Sanfield	Megaba	
28.	Fire Sealant	Hilti	3M India	Fischer
		Soudal	Tremco CPG	AFT
29.	Parallel Threaded Couplers (Compliant to IS 16172:2014)	Dextra	Halfen Moment	G-Tech
		Tata		
30.	AAC Block	Aerocon	Builttech	Instablock
		Finecrete	Magcrete	JK
31.	AAC Mortar	Ferrouscrete	Ultratech	JK
32.	Expansion Filler Board – Pre- moulded compressible (Non- Bituminous)	Supreme (Capcell HD 100)	STP – Shailtex (SEJ- R-NB)	
33.	Moisture Resistant Board	Saint Gobain	Gyprox	USG Kanauf
		Greenlam	Duro	Merino
		Century	Tlkidan	
34.	Veneered Particle Board	Merino	Duro	Greenlam
		Kitply	Archid	Century
		Virgo		
35.	Laminated Particle Board / Laminates	Merino	Greenlam/New Mika	Century
		Archid	Duro	Novapan
		Virgo		
36.	Plywood/ Veneer/Laminate	Merino	Greenlam	Century
		Archid	Duro	Virgo
37.	Flush door / Laminated Flush Doors	Century	Green	Merino
		Archid	Duro	Tata Pravesh
		Virgo		
38.	Exterior Grade MDF	Century	Green	Merino
39.	Toilet Cubicles	Merino	Greenlam	T Line
		Dorma	Stylam	Virgo
40.	Fire Rated Glazed Door	Saint Gobain	Shakti Horman	Navair

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S.No.	Material	Approved Makes / Brands			
41.	Fire Rated Metal Door	Shakti Horman	Pacific	IHMS	
		Navair	Sukriti	ASES	
42.	Fire Rated Wooden Doors	Promat	Ardor	Avair	
		Kenwood	ASES		
43.	Hardware for Fire Check Door	Dorma	AssaAbloy	Hafale	
		Becker Fire Solutions	Geze	Horman	
		Kich			
44.	Fire Seal, Smoke Seal	3M	Hilti	Sealz	
		Lorient	Kelargo	Siderise	AFT
45.	Fire Rated Glass	Vetrotech – Saint Gobain	Pyroguard	AIS	
		Schott-Pyrann	Pyroswiss		
46.	Fire Rated Rolling Shutter	Shakti Horman	Gandhi Automation	Avian	
47.	Fire Curtain	Orient	Stobich	Pacific	
		New Green	Kent	Neco	
48.	Façade & window wall system	Schuco	Aluk	Technal	
		Façade 1	SAPA	Lilli	
49.	Silicone Sealant	Wacker	Dow Corning	GE momentive	
		Mapei	MC Bauchemie	Pidilite	
		Apple Chemie	Jubilant	Tremco CPG	
		MYK Arment			
50.	Fire Stop in curtain wall system	Hilti	3M	STI	
		Fischer	Siderise	AFT	
51.	System for motorized curtain	Somfy	Forest motorized systems	Hunter Duglous	
		Toso Company Ltd.			
52.	Frosted Film / Safety Film	3M	Garware	LG	
53.	Expansion Joint - Modular	C.S.	Herculus	Z-Tech	
		Vexcolt	Devin	Sainfield	
		Cameo Inc (Migua)	Pinnacle		
54.	Aluminum Glass Partitioning System	Dormakaba	Lindner	Vetro Partizone	
		Kubik	Mottom Line	Otic	
55.	Air transfer grill	Ruski	System Air	Trox	
56.	BMU / Façade cleaning system	SECO	JKB	MT & T	
57.	Polyster Powder Coating Paints Repellent /Weather Sealant	Nerolac	Berger	Akzonobel	
		M.C.Bauchemie	Wacker	STP	
58.	Poly-Sulphide Sealant	Fosroc	Pidilite	Sika	
		Laticrete	Wacker	Dow Corning	
		CICO	Mapei	MYK Arment	
		Apple Chemie	Chryso(Saint Gobain)		
59.	Wall Putty	Birla Wall Care	JK White	Saint Gobain	
		Ferrouscrete	Berger	Asian Paints	
60.	Curing Compound	Fosroc	Sika	Cico	
		STP	Pidilite	BASF	
		Apple Chemie	Mapei	Chryso(Saint Gobain)	
		MYK Arment			
61.	Oil Bound Washable Distemper	Asian Paints	AkzonobelDulux	Berger	
		ICI	Nerolac	Ultratech	
62.	Acrylic Distemper	Berger	Asian	Dulux	
		Nerolac			
63.	Premium Acrylic Emulsion paints	Dulux	Nerolac	Asian Paints	
		Berger			
64.	Cement Primer	BP White (Berger)	Decoprime WT (Asian)	Akzonobel (Dulux)	
		Nerolac			
65.	Cement Paint	Snowcem Plus	Berger (Durocem Extra)	Nerolac (Nerocem with Titanium)	
		Asian	Ultratech		
66.	Steel / Wood Primer	Akzonobel (Dulux)	Nerolac	Asian Paints	
		Berger	Jenson & Nicholson		

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S.No.	Material	Approved Makes / Brands		
67.	Textured Exterior Paint	Akzonobel (Dulux)	Asian (Apex Ultima)	Nerolac Kansai (Excel)
		Ultra Tech	Spectrum	Berger
		Heritage (Bakelite Hylam Ltd)		
68.	Synthetic Enamel Paint	Akzonobel (Dulux)	Asian (Apolite)	Kansai Nerolac (Synthetic Enamel)
		Berger		
69.	Epoxy Paint	Kansai Nerolac	Asian Akzonobel (Dulux)	Fosroc
		ICI	MYK Arment	Home Pride
70.	Epoxy Flooring	Keshun	BASF	Fosroc
		Cipy	Tikida	Mapei
		MYK Arment	MC Bauchemie	Flowcrete
71.	Fire Paint	Asian	Jotun	Akzonobel
		Sunanda		
72.	Heat Resistant Tiles	Swastik	Thermax	Dalal Tiles
73.	Gypsum Plaster	Ferrous Crete	Elite (90)	Ultratech
		Saint Gobain (Gyproc)	Sakarni	
74.	Pre-Cast GRC & GFRC Jaali	Unistone	Dalal Tiles Industries	Ecovision
		Alstone		
75.	Clay Façade Panel Cladding System	Unistone		
76.	Dry Stone cladding undercut anchor	Hilti	Fischer	Blick
		Kiel	Trixel	Wureth
		Koncept Steel Pvt. Ltd.	AFT	
77.	Stone Sealer	Ardex Endura	MYK Laticrete	Killick Guard Speciality Products Limited
		Kerakoll	Akemi	Pidilite
78.	Water & stain repellent coating for stone cladding & stone flooring	Killick Guard Speciality Products Limited	Dow Corning	Pidilite
		Mapei		
79.	Stainless Steel	Salem Steel	Jindal Alloys	SAIL
80.	Welding Electrodes	Advani	Oerlikon	Modi
		L & T	APL Apollo	
81.	Stainless Steel Hardware	Dorma	Hafale	Geze
		Godrej	KICH	OZONE
82.	Automatic Sliding Door	Dorma	Ozone	Autoingress
83.	Formwork systems	Peri,	Doka,	Symons
84.	Aluminum Shuttering	Maini	S-Form	Kumkang
		MFE Form Work		
85.	Galvalume/Zincalume Metal roofing system	MULTI-INFRATECH -Multi-Zip	LYSAGHT Flex-lok of Tata Blue Scope	Lloyd
		APL Apollo/ Apollo Purlio	BEMO System	
86.	Standing Seam Aluminum Metal roofing system	Kalzip	Kingspan	Tiger
		Zambelli	Apl Apollo	BEMO System
87.	Standing Seam Zinc Metal Roofing System	NedZink	VM Zinc	Viva
		Reynoarch	Eurobond	Apl Apollo
88.	Aluminum Sheet Cladding for facade	Hunter Duglous	Kingspan	Virgo
		Durlum	BEMO System	
89.	Zinc Sheet Cladding for façade	NedZink	VM Zinc	Viva
		Reynoarch	Virgo	Eurobond
2. FALSE CEILING				
90.	False Ceiling – Gypsum	Saint Gobain	India Gypsum	Boral Lafarge
		Knauf	Armstrong	Danoline
91.	False Ceiling – Metal	Saint Gobain	Hunter Douglass	Knauf
		Armstrong	BSR Calsi	Durlum
92.	Gyp Board	Saint Gobain	Boral	Lafarge

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S.No.	Material	Approved Makes / Brands		
		USG Knauf	Hunter Duglous	
93.	Open Cell Ceiling	Knauff	Durlum	SAS
		New age False ceiling Pvt. Ltd	Hunter Douglas	Armstrong
94.	False Ceiling Grid System	Gyproc	Grid System	RK
		Gridline	Knauf	Boral Lafarge
		Armstrong	BSR Calsi	Durlum
95.	Baffle Ceiling	Hunter Douglas	Durlum	SAS
		New Age False ceiling Pvt. Ltd	Knauf	Armstrong
		BSR Calsi		
96.	Acoustical Tile False Ceiling	Knauff	Lafarge	Himalaya Acoustic
		New age False ceiling Pvt. Ltd	Armstrong	Anutone
		BSR Calsi	Durlum	
97.	Acoustical Panels	Silence Panel	Anutone	Techno
		BSR Calsi	Durlum	
98.	Calcium Silicate False Ceiling	Everest	NCL	Aerolite
		BSR Calsi		
99.	Calcium Silicate Ceiling Tile / Board	Gyproc	Boral	Hilux
		Erolite	Knauf	Armstrong
		BSR Calsi		
100.	Cement Fibre Board / Cement Bonder Particle Board	Everest	NCL Industries (Bison Board)	Shera Board
		Visaka Industries (V-next)	Century (Zykron)	
101.	Acrylic Solid Surfaces	Dupont	L.G-Hymac	Neonex
		Hanex		
3. FLOORING / TILES / COMPOSITE & ENGINEEREDSTONE				
102.	Mosaic / Chequered Tiles	Bisazza	NITCO	Unitile
		Dalal Tiles Industries	Unistone	Alstone
103.	Ceramic Tiles / Glazed Tiles	Kajaria	Somany	H&R Johnson
		Asian (AGL)	Vermora	NITCO
		Simpolo	Oasis	RAK Ceramics
104.	Vitrified Tiles (Antiskid / Matt / Glazed)	Somany	Kajaria	Vermora
		Asian (AGL)	NITCO	H&R Johnson
		Simpolo	Oasis	RAK Ceramics
105.	PVC Flooring	Knauff Armstrong	Tarqet	LG
106.	Cement Concrete Tiles (Designer Tiles)	Unistone	Ultra	Eurocon
		Terra Firma		
107.	Paver Block & Kerb Stone	NITCO	Unitile	Ultra
		Dalal Tiles Industries	Unistone	Terra Ferma
108.	Engineered Wooden Flooring / Skirting	Greenlam	Junkers	Haro
		Tarkett	Havwoods	Pergo
109.	Solid Surface (Corian)	Dupoint	Neonnex	LG
		Samsung	Luxor	Hanex
110.	Engineering Marbel	HR Johnson	Kallingstone	Nitco
111.	Epoxy Grout / Cementitious Grout	Ardex Endura	MYK Laticrete	KerraKoll
		Saint Gobain – Webar	Pidilite	Mapei
		MC Bauchemie	Home Pride	Apple Chemie
112.	Tile / Stone Adhesive /Tile / Epoxy Grout	Pidilite	Ferrous Crete	MYK Laticrete
		Fosroc	BASF	Kryton
		Balgrout	Kerakoll	Apple Chemie
		Mapei	Home Pride	
113.	Dash / Anchoring Fasteners	Hilti	Fisher	Bosch
		Wuerth	EJOT	AFT
114.	Floor Hardener	Ironite	Fosroc	Hardonite
		Sikka	Ashford	MC Bauchemie
		Apple Chemie	Mapei	MYK Arment
115.	Laminated Floor	Action	Tesa	Pergo
		Century		

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S.No.	Material	Approved Makes / Brands		
116.	Composite Marble / Granite / Engineered Stone	Asian	Johnson	Kalinga
		Nitco	Chryso(Saint Gobain)	
117.	Water Based Melamine Polish	Asian Paint	Pidilite	ICI Dulux
		Berger	Jubilant	
118.	Clamp System for Dry Stone Cladding	Hilti	Fischer	Bosch
		Rawl Plug	Axel Industries	Wuerth
		Koncept Steel Pvt. Ltd.	AFT	
4. GLAZINGS / FACADE				
119.	Anodised Aluminum Hardware (Heavy Duty)	Hardima	Indalco	Hindalco
		Everite	Godrej	
120.	Aluminum Structural Members – Windows, Glazing and Partitions	Jindal	Indalco	Hindalco
		Nalco	Bhoruka	
121.	Glazing Structural / Suspended / Skylight	Saint Gobain	Pilkington	Glaverbal
		Modi		
122.	Clear / Float / Frosted Glass	Saint Gobain	AIS	Pilkington
		MODI Guard	Atul	
123.	Glass Spider Fittings	Dorma	Hafale	Ozone
		Kich		
124.	Stainless Steel Railing, Accessories etc. in Grade SS 304 & 316	Dorma	D-line	Geze
		Ozone	Koncept Steel Pvt. Ltd.	Rinox
		Kich		
125.	Hermitically Sealed performance glass Toughened Glass	Saint Gobain	Guardian Glass	Pilkington
		Modiguard		
126.	Fire Rated Vision Panels	Pilkington	Schott	Ferilite
		Saint Gobain	Glaverbel	Guardian
127.	Ceramic Panel Cladding	Hunter Douglas	Neolith	Terreal
128.	Clay Façade Panel Cladding System	Unistone		
129.	Aluminum Louvers	Hunter Douglas	Kawneer	Colt
		Pinnacle		
130.	Aluminum Composite Panels	Reynobond	Alucobond	Alpolic
		Aludecor	Virgo	Eurobond
		Viva		
131.	G.I. Steel Door Frame	Synergy Thrislington	Navair	Shakti
		Apl Apollo		
132.	Friction Stay Hinges	Dorma	LG Sysmac	Dorset
133.	EPDM Gasket	Hanu	Anand	Osaka / Alps
134.	Glass Processor for making DGU / Toughing	Art N Glass	GSC (Noida)	Sejal
		ASAHI	Gold Plus	Kaenat Glass
135.	Mirror Glass	Atul	Modi Guard	Saint Gobain
		Glalverbel	AIS	
136.	UPVC Doors & Windows	Fenesta	Wintech	Aluplast
		Windowmagic	Rajshri	Kommerling
		Prominace		
137.	Poly Sulphine Sealant	Wacker	Dow Corning	GE
138.	Silicone / Weather Sealant	Wacker	Dow Corning	GE
5. HARDWARE				
139.	Nuts / Bolts / Fastners / Screws	GKW	Atul	AFT
		Rawlplug	Wuerth	Koncept Steel Pvt.
140.	Door/Window Fittings	Godrej	Everite	Doorset
		Hardwyn	Ozone	Kich
141.	Door Closer	Dorma	Godrej	Hettich
		Everite	Hardwyn	Ozone
		Kich		
142.	Die Cast Patch Fittings	Dorma	Geze	AssaAbloy
		Hettich	Ozone	Kich
143.	Fire Rated Glass	Saint Gobain	Trosch	Pilkinton
144.	Fire Rated Doors	Saint Gobain	Acodor	IGI
		Matrix	Tata	Navair

Engineering Procurement Construction for Major upgradation of Khandwa Railway Station

S.No.	Material	Approved Makes / Brands		
		Shakti Horman	Iclean	Promat
145.	Floor Springs	Dorma	Geze	Hettich
		Dorset	Everite	Ozone
		Kich		
146.	SS Mortise lock with one dead bolt and pair of SS handles steel grade SS 304	Dorma	Godrej	Hafele
		Dorset	Ozone	Hettich
		Kich		
147.	SS Mortise latch & lock with six levers and pair of SS handles steel grade SS304	Dorma	Godrej	Hafele
		Dorset	Ozone	Hettich
		Kich		
148.	SS Tower bolt	Dorma	Godrej	Hafele
		Kich		
149.	SS Butt hinges with ball bearing grade SS 304	Dorma	Godrej	Ingersoll Rand
		Hettich	Ozone	Kich
150.	Stainless Steel Sliding Door bolts	Ingersoll Rand	Hafele	Godrej
		Kich		
151.	Pull handle back-to-back of length 150mm of Steel Grade SS 304	Godrej	Geze	Ozone
		Hettich	Kich	
152.	Pull handle, single side of length 150mm of Steel Grade SS 304	Godrej	Geze	Ozone
		Hettich	Kich	
153.	Aluminum lever Handles	Hardima	Godrej	Everite
154.	Lever handle in SS 304 finish	Dorma	Hafele	Godrej
		Daikin	Hettich	Ozone
		Kich		
155.	Magic Eye	Dorma	Godrej	Ingersoll Rand
		Kich		
156.	Brass Hardware	Magnum	EPPW	Paladium
6. HVAC / VENTILATION SYSTEM				
157.	Chillers	York Dunham Bush	Carrier Trane	Daikin Johnsons Control (York)
158.	Primary, Secondary Chilled/ Condenser Pumps:	Kirloskar	Bell & Gossett	Wilo (Mather+Platt)
		Grundfos	Armstrong	
159.	Cooling Towers	Mihir	Advance	Paharpur
		Bell	Flow Techair	
160.	Hot Water Generator	Rapid Cool	Emerald	Sandhu
161.	Air Handling Units & TFA:-			
	Air Handling Units (Eurovent / AHRI certified)	VTs	System Air	Stulz
		Flaktwood	Edgetech	Zeco
		Citizen	Waves	Carrier
	Cooling Coil	As per manufacture standard of AHU		
	Fan	Kruger / Comferi	Airflow	Nikotra
162.	Fan Coil Unit & Cassette Unit	Sinko	Carryaire	Trane
		Edgetech	Zeco	Carrier
163.	Split AC	Daikin	Hitachi	Toshiba
		Carrier	Voltas	
164.	M.S. Pipes:- Any dia.	Tata	Jindal Hissar	Sail
		Jindal Star	Prakash Surya	Apl Apollo
165.	Butterfly Valves	Advance	L&T	Danfoss
		VTM	Axim	Castle
166.	Motorized Butterfly Valve	Belimo	Danfoss	Siemens
		Oventrop	Honeywell	
167.	Pressure independent control valve (PICV)	Belimo	Danfoss	Siemens
		Oventrop	Flowcon	
168.	Check Valves	Advance	L&T	Danfoss
		VTM	Axim	Castle
169.	Ball valve	Zoloto	Audco	RC
		VTM	Axim	Advance
		Castle	Kitz	

Engineering Procurement Construction for Major upgradation of Khandwa Railway Station

S.No.	Material	Approved Makes / Brands		
170.	Balancing Valves	Danfoss	Advance	Honeywell
		VTM	Axin	
171.	2-way Modulating Valves with Thermostat	Belimo	Honeywell	Siemens
		Danfoss	Flowcon	
172.	2-way on off valve with thermostat for FCU	Belimo	Honeywell	Siemens
173.	Expansion Bellows	Resistoflex	Easyflex	Areaflex
		Dunlop	Axin	Flowcon
174.	Pot/Y-Strainers	Sandhu	Rapid Cool	Emerald
		Axin		
175.	Suction Guide with Strainer	Anergy	Knauff Armstrong	Emerald
		Axin		
176.	BTU meter	Belimo	Siemens	Honeywell
		Shenitech	Castle	Flamco
177.	RH Sensor	Belimo	Honeywell	Siemens
		Omnicon		
178.	Thermostat	Danfoss	Belimo	Honeywell
		Siemens	Omnicon	
179.	Pressure Gauge (Industrial Type)	Feibig	H. Guru	Emerald
		Axin	Waree	Baumer
180.	Differential Pressure Switch	Siemens	Rapid Contro	Anergy
		Sant		
181.	Thermometers	Feibig	H.Guru	Axin
		Emerald		
182.	Closed Expansion Tank	Anergy	Bell & Gossett	Sandhu
		Emerald		
183.	Air Separator	Anergy	Emerald	Sandhu
		Castle	Flamco	
184.	Auto Air Vent	Anergy	Rapid Cool	Oventrop
185.	Plug Valve	Anergy	Rapid Cool	
186.	G.I. Sheets	Sail	Tata	Jindal
		Apl Apollo		
187.	MS. Sheets	Hindalco	Balco	NALCO
		Apl Apollo		
188.	Fire Dampers	Systemair	Caryaire	Ruskin Titus
		Greenheck	Airmaster	
189.	Damper Actuator	Belimo	Sinider	
190.	Grills / Diffusers	Systemair	Caryaire	Titus
		Trox		
191.	Fresh Air Louvers	Systemair	Caryaire	Titus
		Trox		
192.	Resin bonded Glass Wool Insulation	UP TWIGA	Owens Corning	Kimmco
		K-flex		
193.	Protective Coating over insulation (Lag coating)	Pidilite (Weather protect coat)	Foster 30-36	Idendan
		Cisbond / Cischem	Magik 30-36	Starbond 30-36
194.	Resin bonded Glass Wool Acoustic Insulation	UP Twiga	Owens Corning	Kimmco
		K-flex		
195.	Insulation Adhesive	Pidilite	Foster	Cisbond
		Henkel		
196.	Factory Made ducting	Rolastar	Ductofab	Zeco
		Technofab	Ecoduct	
197.	Filters (in Air-conditioning system) Ventilation Fans:	Thermodyne	Purolator	Anfilco
		Mackmark		
198.	Tube/Vane Axial	Kruger	System Air	Greenheck
199.	Inline (Centrifugal)	Kruger	System Air	Caryaire
		Ostberg		
200.	Propeller Fans	Kruger	GE	Crompton
		Wolter	Nicotra	Dynair
201.	Air Washer / Scrubber	Edgetech	Zeco	System Air

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S.No.	Material	Approved Makes / Brands		
		VTS	Crystal Air	
202.	Fan	Kruger	Nikotra	Comferi
203.	Pump	Kirloskar	Beacon	Wilo
204.	Filters	As per manufacturer's standard		
205.	Heat Recovery Wheel units	DRI	Enventus	Flaktwoods
206.		Ostberg	Edgetech	Zeco
207.	Heat Pipe	HPT		VTS
208.	Vibration Isolator	Easyflex	Resistoflex	Dunlop
209.	Anchor / Fastener	Hilti	Fischer	Gripple
		Rawlplug	Power Fastener	Wuerth
		Koncept Steel Pvt. Ltd.		
210.	Duct Support	GPL	Gripple	Easyflex Zip- Clip
		Hi-tech	Hira Walraven	Hilti
		Fischer	Wuerth	
211.	PUF Saddles for pipe support	Lloyds	Beardsell	Malanpur
		Technicol	Seven Star	
212.	FCU link	ATS (CSI)	Oventrop	CIM
213.	Sound Attenuator	Ruskin Titus	Systemair	Trox
		Airmaster	Caryaire	
214.	CO Sensor	Siemens	Omicron	Johnson
215.	VFD	Danfoss	ABB	Siemens
		Fuji	ROCKWELL	
216.	CO ₂ Sensor	Siemens	Omicron	Johnson
217.	Demand Ventilation System			
	Equipment	Conaire	Glenstorm	Tristar
	Motorized Assembly	Conaire	Glenstorm	Tristar
	Integrator	Conaire	Glenstorm	Tristar
218.	High Density PVC Pipe	Finolex	Kissan	Prince
		Supreme		
219.	UVCI	Universal UV Solutions	UVTronix	Supco
220.	Online Scale preventer	Scale Guard	Ristello	Supremo
221.	Electronic Air Filtration System	Honeywell	Trion	Trane
		Johnson Controls	Ruskin Titus	Magneto
222.	VRF / VRV System	Daikin	Toshiba	Samsung
		Mitsubishi Electric	Midea	Carrier
		Voltas	Hitachi	
223.	Copper Refrigerant Pipe	Camipro	Rajco	Mandev
		Mexflow		
224.	Chilled Water Hi- Wall & Cassette	Midea	Caryaire	Edgetech
225.	AHU / FCU Motor	ABB	Crompton	Siemens
226.	PACs	Stuluz	Emerson	Blue Box
227.	Flexible Duct	UP Twiga	Caryaire	Atco
		Ruskin Titus	Seven Star	
228.	Aluminum Sheet	Nalco	Hindalco	Balco
		Virgo		
7. PLUMBING & SANITARY				
229.	Sanitary Fittings & Accessories	Jaquar Premium	Cera	Kohler
		Hindware (Italian Collection)	Duravit	Roca
		Kerovit (Kajaria)	Grohe	Varmora
		Euronics		
230.	Concealed cistern	Hindware	Kohler	Roca
		Geberit	Jaguar	Varmora
		Kerovit (Kajaria)	Euronics	
231.	WC connector	Geberit	Kohler	Viega
		Kerovit (Kajaria)	Euronics	
232.	Auto Urinal Flush System	Duravit	Kohler	Roca
		Grohe	Jaguar	Kohler

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S.No.	Material	Approved Makes / Brands		
		Kerovit (Kajaria)	Euronics	
233.	CP Brass Fittings	Jaquar	Kohler	Parryware
		Hindware	Grohe	Varmora
		Kerovit (Kajaria)	Euronics	
234.	G.I. / M.S. Pipe	Tata	Jindal (Hissar)	Surya Prakash
		Apl Apollo		
235.	G.I. Fittings	Unik	KS	Zoloto
		R-Brand	Surya	Apl Apollo
236.	SS Pipes	Jindal	Tata	VIGA
237.	HDPE Pipes	Reliance	Jain Irrigation	Oriplast
		Vertex	West Well	Supreme
		Vectus		
238.	DI Pipes	Electrosteel	Jindal	Tata Ductura
239.	DI Fittings	Kartar	Electrosteel	Kalinga
		Saint gobain		
240.	CI Fittings	Neel	Kartar	Electrosteel
241.	Float Valve	IVC	Leader	Zoloto
		KSB		
242.	UPVC Pipe and Fittings	Astral	Supreme	Finolex
		Prince	AKG	Surya Roshni
		Vectus	PKS Export	
243.	PVC Pipe & Fittings	AKG	Supreme	Finolex
		Surya Prakash	Vectus	Astral
244.	CPVC Pipes & Fittings	AKG	Astral	Supreme
		Finolex	Surya Prakash	Vectus
		SFMC		
245.	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO	SKF	Electrosteel
		Saint Gobain	BIC	
246.	Centrifugally Cast (Spun) Iron (Class LA) Pipes	NECO	Electro Steel	TATA
		BIC		
247.	Centrifugally Cast (Spun) Ductile Iron Pipes & Fittings	Electro Steel	Jindal (Hissar)	Kalinga
248.	C.I. Manhole covers, Frames & GI Gratings	NECO	RIF	BIC
		SKF	Jain Spun Pipe Co.	
249.	SFRC Manhole covers & gratings	KK	OCR	Pargati
		T-CON		
250.	RCC manhole Covers & Frames	KK manhole	Grating Co. Pvt Ltd	
251.	D.I. Manhole Covers & Frames	Neco,	Raj Iron Foundry Agra	Kartar
252.	Gun Metal Valves, Globes	Kartar	Castle	Zoloto
253.	NRV - Ball type - Sewage application	Danfoss	Zoloto	Audco
254.	Bellow Type, Pressure Reducing Valve	CIM	Danfoss	Honey well
255.	Floor Taps	Jayana	Chilly	Nirali
256.	Water Meter	Prima	Zoloto	Leader
257.	NRV – Ball type Sewage application	Capstan		
258.	Brass Stop & Bib Cock	Zoloto	Sant	L&K
		Leader	Astral	Kerovit (Kajaria)
259.	Non Return Valve (Check valve) 1/2" to 1 1/4"	Zoloto	Sant	Leader
		Kartar		
260.	Brass Ferrules	Dhawan Sanitary Udyog	Kalsi	Annapurna
261.	Polythylene water storage tank	Sintex	Polycon	SPL
		Vectus		
262.	Insulation for hot water pipes	Kaiflex	Armaflex	Careflex
		Lloyd		
263.	Insulation for external / exposed hot water pipe	Kaiflex	Armaflex	Careflex
		Lloyd		

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S.No.	Material	Approved Makes / Brands		
264.	Pipe protection for external water supply pipes	Pypkote	Armaflex	Makpolykote
265.	GI / MS Pipe Protection Wrapping & Coating	IWL - Pypkote	Rustech - Coatek	
266.	Stainless Steel Sink	Neelkanth	Nirali	Jayna
		Kaff	Carysil	Futura
		Cera	Anupam	Franke Fabre
267.	Stoneware Pipes	Perfect	Hind	Burn
		RK		
268.	Gully Traps	Perfect	Hind	Burn
		RK		
269.	RCC Pipes (NP-2)	Lakshmi	Sood & Sood	Jain & Co.
		Pragati Concrete		
270.	Atactic Polypropylene	STP	HTL	Hydro Tech
		Pidilite		
271.	C.P. Waste, Spreaders, Urinal Flush Pipes	Jaquar	Parko	Kerovit (Kajaria)
272.	Check Valve - Dual Plate	Advance	Danfoss	Kirloskar
273.	Ball Valves / wafer type valves	Zoloto	Leader	AIP
274.	Check Valve Forged Screwed	CIM / Leader	Sant	
275.	Ball Cocks	GPA	Sant	L&K
276.	Air Release Valves	Sant	Leader	Zoloto
277.	Pipecoat	IWL Ltd	Pypkote	STP
278.	CI Double Flanged Sluice Valve	Kirloskar	IVC	Sondhi
		Kejriwal		
279.	Adhesives	Nuwood	Duratuff	Pidilite
280.	PE-AL-PE	Kitec	Jindal	Supreme
281.	Solar Water Heating System	Tata BP	Honey Well	Solar
282.	Water Heater (Geyser)	Venus	Bajaj Spherhot	Photon
		Racold	Havells	
283.	Hand Drier	Euronics	Duravit	Grohe
		Kohler	Varmora	Kerovit (Kajaria)
284.	Backflow preventer (Water Hammer)	Normex	Kessel	Lahri
285.	Drinking Water Cooler	Blue Star, Usha	Voltas	Oasis
286.	Anti-Vibration Mounting & Flexible connections	Resistoflex	Dunlop	Flexionics
287.	Electronic Flow Meter	Blue Star	Usha	Voltas
288.	Temperature Sensor/ Gauge	Forbes Marshall	Danfoss	Wika
289.	Rain Water Harvesting System	Shri Ganga Boring Haryana,	Ugraya Water Pvt. Ltd.	Ashwath Infratech Pvt. Ltd. Delhi.
		Aqra Water Solution Delhi,		
8. FIRE FIGHTING				
290.	M. S. Pipe	Tata	Jindal Hissar	SAIL
		SAIL	Apl Apollo	
291.	G. I. Pipes	Jindal Hissar	TATA	SAIL
		Prakash Surya	Apl Apollo	
292.	Forged Fittings	SS	VS	True Forge
293.	ERW / butt Welded Fittings	MEC (Jainsons)	Unik	
294.	Groove Fittings (UL listed)	Victaulic	Jainson	New
295.	Ball Valve / Gate Valve (Gunmetal)	Sant	Leader	Zoloto
		CIM		
296.	Butterfly Valve	Zoloto Audco	Kirloskar	Leader
297.	Motorized Butterfly Valve	Advance	Audco	L&T
		Zoloto		
298.	Balancing Valve	Advance	Utam& VTM	L&T
299.	Non Return Valve	Advance	Utam& VTM	L&T
300.	Y-Strainer	Emerald	Audco Zoloto	kirloskar
301.	Pot Strainer	Rapidcool	Emerald	Sant

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S.No.	Material	Approved Makes / Brands		
		Audco	Zoloto	
302.	Thermometer	Emerald	Anergy	Honeywell
303.	PICB Valve	Danfoss	Frees	Ovenrop
		Spirotech	Reflex	
304.	Control Valve	HD	Viking (VL Listed)	
305.	Airvent	Anergy	Siemens	Emerald / CIM / Advance / Honeywell
306.	Expansion Tank	Anergy	Emerald	
307.	Hot Water Generator	Sant	Emerald	Rapidcool
308.	FIRE ALARM PANEL– ADDRESSABLE	Hochiki	Siemens	Honeywell
309.	FIRE ALARM PANEL-NON- ADDRESSABLE	Hochiki	Siemens	Honeywell
310.	FIRE ALARM & MUSIC WIRE	Nelco	Lappindia	Geoflex
		Siemens	Honeywell	
311.	ADDRESSABLE HOOTER	Hochiki	Siemens	Honeywell
312.	Air Pressure Valve	Anergy	Flemco	Castle
		SKS	Leader	
313.	C.I. Double flanged sluice valves	Kirloskar	Zoloto	Sant
		IVC		
314.	C.I. Double flanged Non-return valves	Kirloskar	Zoloto	Leader
		IVC		
315.	Dual Plate / Wafer Type Non-return valves	Kirloskar	Zoloto	Leader
		IVC		
316.	Foot valve with Strainer	Kirloskar	Leader	Zoloto
317.	Y-Type / Pot / Suction Strainer	Kirloskar	Leader	Zoloto
		Tyco	Advance	
318.	Fire Extinguishers	Zenith	Minimax	Safex
		Ceasefire	Newage	Safe Fire
319.	First Aid Hose Reel Drum	Superex	Newage	Safex
		Safe Fire		
320.	Thermo Plastic Hose Reels for Drums	Superex	Newage	Safex
321.	R.R.L. Hose & C.P. Hose	Superex	Newage	Eversafe
		Safe Fire		
322.	Branch Pipe, Nozzle, Coupling etc.	Superex	Newage	Eversafe
		Minimax	Lifeguard	Safeguard
		Safe Fire		
323.	Landing Valves	Superex	Newage	Eversafe
		Safe Fire		
324.	Fire Brigade Connections	Superex	Newage	Eversafe
		Minimax	Safe Fire	
325.	Fire Fighting Equipment not covered elsewhere	Superex	Newage	Eversafe
326.	Hose Box	Superex	Newage	Eversafe
327.	Sprinkler & Rosette Plates	Tyco	Viking	HD
		Spray Safe		
328.	Flexible Connector (Drop) for Sprinkler	Easyflex	Viking	Newage
329.	Flow Switches	System Sensor	Honeywell	Potter
		Tyco		
330.	Inspector Test valve	Viking	Tyco	HD
331.	Pre-Fabricated Structural supports and clamps	Chilly	Hitech	Camry
		Easyflex		
332.	Pressure Gauge	Emerald	Fiebig	H.Guru
		Danfoss		
333.	Alarm Valve	Viking	Tyco	HD
334.	Anti-suction & delivery flexible pipe connectors	Easyflex	Resistoflex	Dunlop
		SAIL	Tata Steel Ltd	RINL
335.	Flexible Duct Connector	Mapro	Kanwall Industrial corporation	Resistoflex

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S.No.	Material	Approved Makes / Brands		
336.	Stainless Steel Brach Pipe	Safex	Padmini	GETech
337.	Fireman Axe / Installation Control Valve	Safex	Padmini	GETech
338.	2-way / 4-way FBC	Safex	Newage	GETech
339.	Sprinkler Heads	Tyco	HD	Omax UL
340.	Pipe Protection Pypcoat wrapping	IWL	Taxa	Mac-poly coat
341.	Rubber Bellow	Kanwal Industrial Corporation	Resistoflex	AIP Valves
342.	Deluge Valve	Safex	Tyco	HD
343.	Flexible Drop (UL Approved)	Safex	HD	Kofulso
344.	Anti Vibration Pad	Cori Dunlop	Diamond Pipe Support	Easyflex
		Flexionics	Resistoflex	Emerald
345.	Motors for Fire Pumps	Siemens	Kirloskar	Crompton
		ABB		
346.	Fire Pumps	Kirloskar	Mather & Platt	Grundfoss
		Siemens	Schneider	ABB
347.	Electrical Switch Gears	Siemens	Schneider	ABB
		L&T		
348.	Power and Control Cables	Universal	Polycab	Havells
		Finolex	Grandplay	
349.	Control Panel of Terrace Pumps	Advance panel & Switchgear	Adlec	Tricolite Elect Industry
		SPC Electrotech	Ambit	RST
		Neptune		
350.	Voltmeter & Ammeter	HPL	ABB	MULTISPAN
		INDIAN TRANSFORMERS	Schnieder	SECURE
				Neptune
351.	Indicating Lamp and Selector Switches	Conserve	Bch	Rishabh
		ABB	SCHNEIDER	SIEMENS
352.	CT	HPL	ABB	SECURE
		INDIAN TRANSFORMERS	AE	Kappa/Neptune Electrical
		NEWTEK	RECO	GILBERT MAXWELL
		GILBERT MAXWELL	PRAGATI	
353.	MCCB / MPCB / MCB / RCCB	Siemens	Schneider	Legrand
		L&T	C&S	ABB/Havells
354.	Contractors / Times, Overload Relays / Starter	L&T	Siemens	Schneider
		Phoenix	ABB	
355.	Single phase preventor	Minilac	L&T	Siemens
356.	Anti-Vibration Mounting	Kanwal Industrial Corporation	Resistoflex	Ewren
357.	Starter	L&T	Siemens	Crompton
		GE	ABB	BCH
358.	Current Transformer (Cast Resin)	ABB	SCHNIDER	LEGRAND
		NEWTEK	RECO	AE
		C&S	CGL	SIEMENS
		GILBERT MAXWELL	PRAGATI	
359.	Nuts / bolts	Lakshmi	Unbrako	
9. INSULATION				
360.	Glass Wool	U.P. Twiga	Owen Corning	
361.	Nitrile Rubber	Armcell	K-flex	Aerocell
362.	Expanded polystyrene	SHI	Beardshell	Styrene packaging
363.	Vibration isolator pads	Resistoflex	Kanwal	
364.	Paracoat BPC	Paramount	Pidilite	
10. PUMPS AND WATER TREATMENT SYSTEM				
365.	Pumps	Grundfos	Xylem	Willo
		KSB	ITT Lowere	
366.	Submersible Drainage Pumps	KSB	Grundfos	Crompton
367.	Ball Valves	LEADER	AUDCO	Zoloto
		Arco	Sant	

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S.No.	Material	Approved Makes / Brands		
368.	Butterfly Valve	LEADER	Zoloto	Audco
		KSB	SKS	
369.	C.I. double flanged sluice valve	Zoloto	Sant	Castle
		Kartar		
370.	Non Return Valve	Zoloto	Sant	Castle
		Kartar	Leader	
371.	Y – Strainers	Zoloto	Sant	Castle
		Kartar		
372.	Float Switch	Nolta	Danfoss	Honey Well
373.	Pressure Gauge	Fiebig	H. Guru	Danfoss
374.	Dosing system	Milton Roy	Asialmi	Grundfoss
375.	Liquid Level Controllers / Liquid Level Indicator	Advance	Honey Well	Danfoss
376.	Filter / Softener	Ion Exchange	Renaissance Aqua	Pentair
		Watcon		
377.	Salt Saturator	Ion Exchange	Renaissance Aqua	Pentair
		Watcon		
378.	Water Meter	Kent	Marshall	Sant
379.	Water Treatment Plant	Ion Exchange	Thermax	Powerh20
		Brisanzi	Netsol	Hydrotech Paryavaran
		VA - Tech		
380.	Vessels	Astral	KGM	Structural
381.	Mechanical Seal	Burgmann	Sealol	
382.	Grease Trap / Separator	ACO	Wade	Kassel
11. SEWAGE TREATMENT PLANT (STP)				
383.	C.I. double flanged sluice valve	Kirloskar	Leader	Sant
384.	C.I. Disk Type non return valves (65mm dia and above – Dualplatetype)	Kirloskar	Leader	Sant
385.	C.I. Strainer more than 65mm dia	Leader	Sant	Castle
386.	PVC Valves	Cepex	Astral	Audco
387.	C.I./D.I. Manholes cover	NECO	Kartar	SKF
388.	Plastic Encapsulated Foot Rest	KGM	KK	
389.	Filter feed pump	Grundfoss	ITT	WILO / KSB
390.	Hydro-Pneumatic Pumping Systems (Flushing, Soft and garden hydrant)	Grundfoss	ITT	WILO / KSB
391.	Submersible Sump Pumps for collection chamber, qualization tank, Plant room drainage, Filter backwash sump	KSB	Grundfoss	Crompton
392.	Domestic Hydro pneumatic transfer pump	Grundfos	DP-Holland	Willo - Mather
393.	Pressure Transmitters / Hydrostatic Level Indicators	WIKA	Siemens	Johnson Control
394.	Pressure Gauges	Fiebig	H. Guru	WIKA
395.	Dosing System	ASIA LMI	Milton Roy	Grundfoss
396.	Pump Vibration Pads & Suction & Delivery Flexible Connectors	Easyflex	Resistoflex	Dunlop
397.	Pressure Sand & Activated carbon filter	M.S. Prefabricated	BRISANZA	FONTUS
398.	Air Blowers	Everest	Beta	ABL
399.	Ultra Violet Disinfection for Treated Effluent	Alpha UV	Sukrut	Neotec
400.	Air Diffusors	BOBKAY	MM Aqua	REHAU
401.	MBBR media for Aeration tank	MM Aqua	PP Aqua	Tecpro
402.	Dosing Pumps	Milton Roy	Asia LMI	Grundfoss
403.	Sludge Pumps (Centrifugal)	Kirloskar	Grundfoss	ITT Industries
404.	Sludge Pumps (Screw)	Roto	UT Pumps	Stork
405.	Tube Settler media	MM Aqua	PP Aqua	Tecpro

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S.No.	Material	Approved Makes / Brands		
406.	Centrifuge	Hiller	Alpha	Humboldt Wedag
407.	Pressure Gauge	H. Guru	Fiebeig	WIKA
408.	Level Gauge	H. Guru	Fiebeig	WIKA
409.	pH Meter	Hach	Toshniwal	Ionix
410.	Conductivity Meter	Hach	Toshniwal	Ionix
411.	DO Meter	Hach	Toshniwal	Oakton
412.	TDS Meter	Hach	Toshniwal	Oakton
413.	Ultra Violet Water Purifier (WTP / STP)	Alfa UV Mumbai	Pentair	Eureka Forbes
414.	Syphonic Roof Drainage System	Geberit	Saint Gobain	
415.	Ozonisation System	Oraipl	Ozonics	Voltas
416.	Geared Motor	Bonfiglioli	Grease Cotton	Motova rio
417.	Exhausters	Nicotra	Kruger	Green Heck
418.	Compost Plant	Excel, Smart Enviro Bombay	Ecoman	Clean India
419.	Solid Waste Handling and Conveying	Env Tech (P) Ltd.	Rosa Roca	
12. ELECTRICAL WORKS				
420.	Air Circuit Breaker	SCHNEIDER (MTZ SERIES)	Crompton Greaves	ABB (EMAX SERIES)
		L&T – U Power Omega	GE	Legrand – DMX3
		SIEMENS (3WA Series)		
421.	LT Power Distribution Panel (Other than TTA) (Preferred OEM vendor only, drawings shall be submitted by OEM for approval)	Schneider	ABB	Siemens
		L&T	Legrand	Symatic Control
		Tenco Systems	Ambit	Dharia Switchgear
		SPC ELECTROTECH	Vivid Electromech	Marine Electricals
422.	TTA (Type Tested Assembly) Electrical Panels (As per IEC-61439-1&2) (Preferred OEM vendor only, drawings shall be submitted by OEM for approval)	Schneider (Block Set)	ABB (Artuk)	Siemens(Siepan)
		L&T	Legrand	SPC ELECTROTECH
		Vivid Electromech	Tenco Systems	Marine Electricals
		Ambit	Symatic Control	Dharia Switchgear
423.	MCCB	Siemens 3VA	Legrand-DPX3	Schneider NSX
		ABB T max	L&T – “D”Sine	Anchor/Panasonic
424.	MCB / RCCB/SPD/RCBO/ MPCB/DB	Siemens-Betaguard	Legrand-DX-3	Schneider-Acti9
		ABB	Havells	Anchor/Panasonic
425.	Modular Type light & power Accessories (Switches, socket etc.) G.I. Switch Boxes	Legrand (Arteur)	Schneider (Zencelo)	Havells (Murano)
		Honeywell (Blez Plus)	L&T (Englaze)	Panasonic (Vision)
		ABB (LIORA)		
426.	Multifunction Meters	Schneider (Convrv)	Siemens	Neptune
		Secure	Legrand	ABB
		Phoenix Contact	Elmeasure	Trinity
427.	Power Contactor-AC 3 Rating / DC Power / Capacitor Duty Contactor / Starter / Thyrister Module	Siemens	L&T	ABB
		Schneider	Legrand	
428.	APFC Replay (TTA Panel Only)	Siemens	Schnieder	ABB
		L&T	Legrand	Shreem
		Power Matrix	Subodhan	
429.	APFC Relay	HPL	L&T	ENERCON
		EPCOS	BCH	C&S / LEGRAND
		SIEMENS	Schneider	ABB
		Ducati	Subodhan	Shreem
		NEPTUNE	L&T	Siemens
430.	Capacitor	Crompton Greaves	Schneider	ABB
		Epcos	Epcos	Ducati
		Subodhan		
		Siemens	ABB	Crompton

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S.No.	Material	Approved Makes / Brands		
	Contactor / Switches	L&T	Phoenix Contact	Schneider
432.	Sandwiched & Air insulated Bus Ducts / Rising Mains (Indoor & Outdoor IP68)	Schneider	Legrand	C&S
		L&T	Tricolite	RR Busduct
		Siemens	ABB	SPC LECTROTECH
		Godrej	Vertiv	
433.	FRLS PVC Insulated Copper Wire	KEI	Finolex	Havells
		Anchor/Panasonic	Polycab	RR Kabel
		Ravin	Gemscab	Batrahenlay
434.	XLPE Insulated PVC Sheathed Al/Copper Conductor Armoured / UnArmoured 1.1KV Grade Power Cables	Havells	Polycab	BatraHenlay
		Universal	Finolex	Grandlay
		Ravin	KEI	RR Kabel
		Gemscab	Bonton	
435.	33KV and 11KV HT Cable (XLPE, FRLS)	Gemscab	RR Kabel	Apar
		Ravin	KEI	Havells
436.	Lugs / Gland	Dowel	Comet	HMT
		Braco	3M	Cabseal
		3D	Jainson	Cosmos
		Phoenix Contact		
437.	PVC Conduit	AKG	Precision	Anchor/Panasonic
		Finolex	Prestoplast	BEC
438.	MS Conduit ISI Marked	Precision	AKG	Finolex
		Prestoplast	JPC	NIC
		BEC	Apl Apollo	
439.	ESE Lighting Protection System as per IEC-62305	CGL	LAMCO	OBLUM
		ELPRO	DENN	OBO
		ABB		
440.	DLP Trunking	MK Honeywell	OBO Betterman	Legrand
441.	FLOOD LIGHT/HIGH MAST	Philips	Crompton	Wipro
		Bajaj	Anchor/Panasonic	Ensava
442.	CEILING FAN/EXHAUST FAN	Crompton	Bajaj	Anchor/Panasonic
		Orient	Havells	Usha
443.	Floor Trunking / Raceway	Honeywell	OBO Betterman	Elcon cable trays Pvt Ltd
		Legrand		
444.	Cable Tray (Ladder type / perforated wire mesh) including support system	Profab	Rite	Legrand
		Obo	Indiana	Slotco
		MEM	BEC	MK (Honeywell)
		Phoenix Contact	SPC LECTROTECH	Elcon cable trays Pvt Ltd
445.	Solar Street Light Fitting with pole	Philips	Bajaj	Aviation Power System
		Trilux	Wipro	Anchor/Panasonic
446.	Ceiling Fan / Exhaust Fan	Crompton Greaves	Havells	Usha
		Orient	RR	Anchor/Panasonic
447.	Octagonal Steel Pole	Bajaj	Twinkle	Valmart
		Philips	Crompton	
448.	Internal Lighting LED	Philips (Signify)	Osram	Havells
		Bajaj	Schneider	Anchor/Panasonic
		Surya	Wipro	Crompton
		Ensava	Orient	RR Kabel
449.	Outdoor Lighting	Orient	Philips (Signify)	Wipro
		Surya	Insta Power	Aura Bright Light India
		Bajaj	Crompton	Schneider
		Havells	Anchor/Panasonic	RR Kabel
450.	Smart Lighting	Philips (Signify)	Havells	Schneider
		Bajaj	Crompton	Anchor/Panasonic
451.	Landscape Lighting Fixtures	Crompton	Bajaj	Philips (Signify)
		Havells	Anchor/Panasonic	RR Kabel
452.	Smart Pole	Philips	Havells	Bajaj
		Schneider	Crompton	
453.	UPS (Parallel Redundant)	Reillo PCI	Numeric	Delta

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S.No.	Material	Approved Makes / Brands		
		Eaton	Fuji	Schneider
		ABB	Emerson	Siemens
		Microtech	Hitachi	XSIS
		Vertiv		
454.	Valve Regulated Lead Acid (VRLA) Batteries	Panasonic	HBL	Amar Raja
		Exide		
455.	MPCB, Contactor Isolator	L&T	Siemens	Legrand
		Schneider	ABB	
456.	Connector (Colours as per phase & neutral)	Wago	Phoneix Contact	Connectwel
457.	Distribution Boards with MCB / RCBO / RCCB / ELCB	ABB	Legrand	L&T
		Schneider	Siemens	Anchor/Panasonic
458.	Industrial Docket Outlets	Siemens	Schneider	MK
		Legrand	Hansel	
459.	Lighting Sensor (Occupancy sensor, daylight sensor etc.)	Honeywell	Hager	Philips
		Lutron	Legrand	ABB
		Creston	Schneider	Panasonic
		Siemens		
460.	Terminal Block	Phoenix	Wago	
461.	Junction Box	Phoenix	Hensel	Trinity
462.	Industrial Plugs & Sockets	Phoenix	Schneider	Trinity
		Touch	ABB	
463.	Solar Panels	Tata Solar Power	Adani	Topsun
		Waree	Vikram Solar	Havells
		Jackson	Panasonic	
13. SUB-STATION WORKS				
464.	33/11KV Transformers	Crompton Greaves	Schneider Electric	ABB
		Siemens	Volt amp	Sudhir Transformers
465.	33/11 KV HT Breaker Panels (OEM Factory Built Panel only)	Crompton Greaves	Siemens	ABB
		Schneider Electric	L & T	Ambit
466.	Distribution Transformer (Oil Type)	Kirloskar	Sudhir Power	Telwaane
		Essennar	DTPL	Voltamp
467.	Dry Type Transformer	Kotson	Sudhir Power	Telwaane
		Essennar	DTPL	Voltamp
468.	H.T. Termination & Joining Kit	Ray Chem	M-Seal	Birla – 3M
469.	Cables Glands	Comet	Dowell	Electromac
		Siemens	Jainsons	Braco
		HMI	Raychem	Phoenix Contact
470.	Capacitor bank (ISI Marked)	Epcos	L&T	Schneider
		ABB	Siemens	
471.	Maintenance Free Earthing	Protec	Tercel	JMV
		Ecosafe		
472.	ATS (Automatic Transformer Switch)	Asco	Caterpillar	GE
		Vitzrotech	ABB	Schneider
		Siemens	Socomec	
473.	Protection Relays	ABB	Schneider Electric	Siemens
		L&T	Salzer	Cormpton
		Phoenix Contact		
474.	Current Transformer (Cast Resin Epoxy Coated) / Potential Transformer	Neptune	Gilbert & Maxwell	Kappa
		AE	Pragati	Reco
		Newtek	Vidhyut	
475.	Multifunction Electrical Digital Meter with LCD Display	Neptune	Schneider (Conserv)	Siemens
		L&T	Phoenix	ABB Secure
476.	HRC Fuse and Fuse Fitting	ABB	GE	Siemens
		L&T	Neptune	Schneider
		C&S	Havells	
477.	Cable Lugs			
478.	Compact Substation (CSS)	ABB	Siemens	Sudhir Power
		C&S	Ambit	Voltamp
479.	CT & PT (33KV & 11KV)	ABB	Alstom	Kappa

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S.No.	Material	Approved Makes / Brands		
480.	CT & PT (415V)	CGL	Newtek	AE
		Vidhyut	Pragati	Reco
		Kappa	Pragati	L&T
		Advance	Newtek	AE
		Vidhyut	Reco	
481.	SPD (Surge Arrester)	Schneider	L&T	DEHN
		ABB	Phoneix	Siemens
		Zotup	Citel	
482.	Indicating Lamps	L&T	Siemens	Schneider
		ABB	C&S	Trinity
14. DG SETS & RELATED ITEMS				
483.	DG Set	Kirloskar	Mahindra	SUDHIR
484.	Diesel Engine	Cummins	Caterpillar	Mahindra
		Ashok Leyland	MTU	Perkins
		Volvo Penta		
485.	Alternator	Leroy Somers	Caterpillar	Stamford
		Toyo Denki	KEC	Crompton Greaves
486.	Batteries	Panasonic	Exide	Amaron
487.	Batteries Charger	Uptron	Volstat Electronics	Statcon
		AE	Max Power	Amar Raja
		HBL		
488.	PLC	Schneider	Allen Bradle	Siemens
		Phoenix Contact		
489.	NIS / NGR Neutral Grounding Resistance	Resitech	Essen	RSI Switchgear
		Lachhman Electronics	Pioneer Electricals	Cutler Hammer
		National		
490.	AMF	As per OEM Standards		
15. FIRE DETECTION & ALARM SYSTEM				
491.	Detectors & Devices – Intelligent multi criteria detector, smoke, heat & duct detectors, control & monitor module, faultisolator, hooters etc. Addressable Main Fire Alarm Panel with Digital Voice Evacuation System	Notifier	Edwards	Honeywell
		Hochiki	Siemens	ABB
492.	Fire Survival Cable	KEI	Polycab	Bonton
		Rallison	Batra Henlay	CCI
		Finolex	Havells	Universal
493.	UPS System	APC	Emerson	Schneider
		Mitsubishi	Siemens	Microtech
		XSIS	Eaton	Hitachi
		ABB	Legrand	
494.	Public Address & Back ground music system	Commend	Bosch	Toa
		Heinrich	Electrovoice	BiAmp
		Honeywell	Bose	Vonamic
495.	Access Control	Dorma	HID	Geze
		Bosch	Link	Siemens
		UTC	Honeywell	ABB
		Schneider		
496.	Emergency Break Glass Unit	Hochiki	Schrack	Simplex
		Honeywell	GE	Bosch
16. IP BASED CCTV SYSTEM				
497.	NVR & Accessories Encoder Decoder	Hanwa	Bosch	Pelco
		Honeywell	Axis	Avigilon
		Siemens	Stanley Security	
498.	CCTV Cameras	Hanwa	Bosch	Pelco
		Honeywell	Axis	Avigilon
		Siemens	Stanley Security	
499.	Power Supply	Hanwa	Bosch	Pelco
		Protec	Semac	Wago

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S.No.	Material	Approved Makes / Brands		
		Phoenix Contact		
500.	Weatherproofing housing	Arecont	Axis	Avigilon
		Tyco	Honeywell	Bosch
		Pelco	Siemens	Stanley Security
501.	Network Switch (L2 / L3)	Cisco	HP ARUBA	Dell
		Junipor	Netgear	Arista
		Phoenix Contact		
502.	Ethernet Switch	Phoenix Contact	Cisco	Hersman
503.	HMI	Phoenix Contact	Schneider	Siemens
504.	PLC	Phoenix Contact	Schneider	Siemens
		Honeywell		
505.	I/O Controller	Phoenix Contact	Schneider	Siemens
		Honeywell		
506.	Industrial PC's	Phoenix Contact	Schneider	Siemens
		Honeywell		
507.	DC Power Supply	Phoenix Contact	Schneider	ABB
508.	Multipurpose Poles	KeselecSchreder	Heper	Wipro
509.	Digital Lighting	Osram	Heper	Serenity
		Signamax		
510.	Data Switch	Cisco	IBM	HP
		Siemens	Avaya	
511.	Fiber Optic Cable	Digi Link	Sterlite	Legrand
		HFCL	Finolex	
512.	Co-Axial Feeder Cable	Belden	Commscope	Kavveri Telecom
		Cellcomm		
513.	Trunk Mobile Radio	Motorola	Samsung	
514.	Boom Barrier	Came	Nice	Beninca
		Godrej		
515.	Co-Axial TV Cable	L&T	Havells	Polycab
		Finolex		
516.	CAT-6 24 Port Jack Panel	Tyco	Systemax	Siemens
517.	Passive networking – Cat-6A cable and accessories	Siemen	Sistemax	Orange Electric
		Panduit	Commscope	
518.	Passive networking – IT racks	Siemon	Rittal	Nikon
		Orange Electric		
519.	Structured Cabling and components	Schindler	Siemon	Systimax
		Legrand	Tyco	
520.	Fire Cable	Netapp	Netgear	EMD
521.	CCTV 180' FISHEYE CAMERA	Hanwa	Bosch	Pelco
		Honeywell	Axis	Avigilon
522.	Network Attached Storage	HP	Dell	Seagate
		IBM Netapp	Pelco	Bosch
523.	Desktop PC	HP	Dell	Lenova
524.	AMPLIFIER	BOSCH	Behringer	HARMAN
		BIAMP	Yamaha	
525.	CD CHANGER/DVD PLAYER/Media player	Sony	Philips	Samsung
		Apart		
526.	Microphone	Sure	Schneider	Behringer
		Mipro		
527.	MULTIPLEXER	Dedicated	Micros	Pelco
		Javelin		
528.	TOUCH SCREEN KIOSK	Delta	Samsung	Barco/Q-lite
529.	Standee/Square LED Display	Delta	Samsung	Barco
530.	COMMERCIAL LED DISPLAY	Christie	Samsung	q-lite
		Panasonic	barco	Delta
531.	SIGNAGE SOFTWARE	Cristie	Samsung	Barco
532.	VIDEO WALL with controller	Barco	Planar	Samsung
		Christy	NEC	Delta
533.	VIDEO WALL PROCESSOR	Pixere	Linson	Novostar
534.	VIDEO LINE AMPLIFIER	Computer	Pelco	Molynx
535.	TELEPHONE INSTRUMENTS	Siemance	Panasonic	

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S.No.	Material	Approved Makes / Brands				
536.	Professional Display Panel	Christy		Samsung		Panasonic
		Sony		HP	Lenovo	Dell
537.	EPABX	NEC	Siemens	Tridiran		Stntel
		Matrix		Avaya	ABB	Alcatel
		Schneider		Panasonic		Honeywell
538.	Hot Line Phones	Avaya		NEC		Matrix
539.	VMS	Pelco	ABB	Bosch		Milestone
		Qognify		Mirasys		Avigilon
		Siemens		Honeywell		Schneider
17. ELEVATORS & ESCALATORS						
540.	Elevators / Escalators	Mitsubishi		Kone		Schindler
		OTIS		Johnson		Thyssenkrup
18. LANDSCAPE WORKS						
541.	Water Body Vendors / Fountain	Ripple Engineering		Premium Pools		Watcon Water Specialist
		Aqva Star		Certikin		
542.	Irrigation Products	Stitchwell Qualitex		Irrigation Products International		Jain Irrigation Systems
19. MISCELLANEOUS / OTHER WORKS						
543.	Customized Cable tray for multi services, Lighting & LV wiring	Rite		Legrand		OBO Betterman
		Profab		Indiana		BEC
		Leeway Design				
544.	Optical Turnstiles	Boon Edam		Gunnebo		Kaba
545.	Central Vacuum System	Sistemair		Sachvac		Schonbach
546.	Multi Purpose Poles	Keselec		Heper		Wipro
547.	Garbage Chute system	Ecotech Chutes		Horizon Chutes		Hardal
548.	Waste Compacter bins	Universal e cube		Big Belly Solar		Schonbach
549.	Polyurethane Sealent	Choksey		Fosroc		Pidilite
		Tremco CPG		MYK Arment		
550.	Adhesive for Wood Work	Dunlop		Fevicol		Vamicol
		Pidilite				
551.	Landscape Furniture	KK Manhole & Grating Co. Pvt. Ltd.		JSL Architecture Ltd		Koncept Steel Pvt. Ltd.
552.	HDPE Grass Pavers & HDPE Drain Board	Ovilite		Aceturf		Plydex
553.	C&D waste precast elements	GM Concrete				
554.	FRP Covers	Thermodrain		HP		Fibrocast
		Everlast Composites Pvt. Ltd.				
555.	Tactile warning studs/strips	Eminent Overseas		Jindal (JSW)		JB Enterprise
		Parthana Technical Services Pvt. Ltd.		Canon (Sundaram Group)		Kich
556.	Ornate Pots (Removable Planters)	Smart Exteriors		Yuccabe		Raunaq Sales
557.	Stone slabs – Marble & Granite	R.K.Marble		Arasi Empexs		Mangla Group
		DBS				
558.	Insulated Aluminum Panels	Luxalon		Qbiss		
559.	Kids Play Equipment	Koochie		Kompam		
560.	Art Work - Sculptures	Kalanishtha Enterprises		Art View Studio		Us India Art & Culture Exchange
		Art Kommune		Karabi Art Community Pvt. Ltd.		
561.	Furnitures and Chairs (Modular / Loose)	Godrej		Geeken		SFMS Furniture Pvt. Ltd
		Featherlite		Herman Miller Geeken		Wipro
562.	Building Signage	Hindustan Signage		PR Graphics		Motivatte Solution
		Galaxy Signage		Signsutra		
563.	SS Benches for waiting areas	JSL Architecture Ltd		Koncept Steel Pvt. Ltd.		
20. BMS WORKS						
564.	Standalone DDCs	Honeywell-		Siemens (PX SERIES)		Johnson Controls

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S.No.	Material	Approved Makes / Brands			
		Comfortpoint		Metasys	
		Schneider Electric	Phoenix Contact	Panasonic	
		Struxureware			
		ABB	Philips		
565.	Programmable & Application Specific Controller (DDC)	Honeywell	Siemens	Johnson Controls	
		Schneider Electric	Panasonic	Philips	ABB
566.	Web Based BMS Software with unlimited user license	Honeywell-EBI	Siemens Desigo	Philips	Johnson Controls Metasys
		Schneider Electric Struxureware	Phoenix Contact	Panasonic	ABB
567.	Web Based Router / Network Area Controller	Honeywell-Comfortpoint	Siemens Desigo	Johnson Controls Metasys	
		Schneider	Cisco	HP	
		Phoenix Contact	Panasonic		
568.	Power & Energy Management Software.	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Phoenix Contact	Panasonic	
569.	Duct Temperature Sensor	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
570.	Immersion Temperature Sensor	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
571.	Room Temperature Sensor	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
572.	Duct Humidity Sensor	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
573.	Room Humidity Sensor	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
574.	Flow Meter	Schenitech	Honeywell	Kampstrup	
		Omicron			
575.	Duct Static Pressure Sensor	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
576.	Water Level Switch	Veksler	Filpro	Sontay	
		Omicron			
577.	DP Switch – Water	Honeywell	Siemens	Johnson Controls	
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
578.	DP Switch – Air	Honeywell	Siemens	Johnson Controls	
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
579.	CO ₂ Sensor / IAQ	Honeywell	ABB	Siemens	Philips
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
580.	Water Flow Switch	Honeywell	Siemens	Johnson Controls	
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
581.	Pressure Transmitter – Water	Honeywell	Siemens	Johnson Controls	
		Schneider Electric	Greystone Energy	Johnson Controls	Omicron
582.	Current Relay	Veris	Seto	Mamac	
		Omron	ABB	Omicron	
583.	Voltage / Current / Power Factor Transducer	SETO	ABB	Omicron	L&T
		Enercon	SETCO	Situ	
584.	Flame Proof Level Switch / Level Transmitter	Veksler	Filpro	Sontay	
		Techtrol	Omicron		
585.	PH Sensor / TDS Sensor	Honeywell	ABB	Siemens	Philips
		Shenitech	Omicron	Schneider	Greisinger
586.	Personal Computer and Servers	HP	DELL	HACH	LENOVO
		TOSHIBA			
587.	Colour Monitor	DELL (ULTRA SHARP)	HP (PAVILION)	SAMSUNG (SYNC MASTER)	
		ASUS	LG (FLATRON)	Lenovo	
588.	Printer	HP	EPSON	CANON	
589.	Copper Conductor Control Cable	Finolex	Skytone	Delton	
		Fusion Polymers	Polycab	Excel	
590.	Communication Cables / Signal Cable	Finolex	Skytone	Delton	
		Fusion Polymers	Polycab	Excel	

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S.No.	Material	Approved Makes / Brands				
591.	LAN cables for BMS Network	Belden	Digi-Link		Avaya	
		Panduit				
592.	MS/GI/PVC Conduits	BEC	AKG		Precision	
		NIC	Steelkraft		Anchor/Panasonic	
593.	Network Switches	HP	Cisco		Extreme	
		Dlink				
594.	Central Control Station	HP	Dell			
595.	Thermostat	Johnson Controls	Siemens		Honeywell	
		Sauter	Greystone		ALC	
596.	Damper Actuator	Johnson Controls	Siemens		Honeywell	
		Dwyer	GE			
597.	CO Sensor	Johnson Controls	Siemens	Philips	Honeywell	ABB
		Greystone	Schneider			
598.	Current Relay	Omron	Enercon		L&T	
		Situ	Mamac		Phoenix Contact	
599.	Network Temp, RH & PIR Sensor	Johnson Controls	Siemens		Honeywell	
		Belimo	Greystone			
600.	Water Flow Meters	Landis & Gyr	Kele		Sontay	
		Honeywell Johnson	Belimo			
601.	Ultrasonic BTU Meters	Kamstrup	Landis & Gyr		Honeywell	
		Belimo	Endrees + Hauser		Danfoss	
602.	Ultrasonic / Electromagnetic Water Flow Meters	Honeywell	ABB		Belimo	
		Greystone				
603.	3-way motorized valves	Johnson Controls	Siemens		Honeywell	
		Belimo				
604.	Outside Air Temperature / RH Sensor	Schneider	Honeywell		Invensys	
		Siemens	Johnson Controls		Greystone	
		Belimo	ABB		Philips	
605.	Safety Thermostat for heater	Anergy	Rapid Control		Honeywell	
606.	Energy Monitoring System (Prepaid / Postpaid) Energy Billing System Software	Schneider	Honeywell	ABB	ALC	
		Siemens	Philips	Johnson Controls		
607.	Pressure Transmitters	Schneider	Honeywell		Johnson Controls	
		Siemens				
608.	AFMS (Air Flow Measuring Station)	Kele	Balcon		Tron	
		Dwyer	Ruskin			
609.	Conductivity Meter	Hach	Honeywell		Kele	
		Polymetron	Siemens		Sontays	
610.	Air Velocity Sensor	Schneider	Honeywell	ABB	Greystone	
		Siemens	Philips	Johnson Controls		
21. SECURITY ITEMS						
611.	X- Ray Baggage Scanner	Houston Systems		Rapiscan		Smith Detection
612.	Door Frame Metal Detector	Houston Systems		Rapiscan		Smith Detection
613.	Handheld Frame Detector	Houston Systems		Rapiscan		Smith Detection
614.	Boom Barrier	Houston Systems		Magnetic		FIA
615.	Any other item	For non-listed items, contractor will submit the sample of the product to assure the quality of the product after getting the approval of the non-listed item, contractor will supply the item.				