

List of Approved Makes /Manufactures

(For Civil and Plumbing works)

Sr. No.	Details of Materials	Brand Name	Manufacturer's Name
1	2	3	4
	Paints & Primers		Shall be first Manufactures by:
1	Synthetic Enamel Paint	i) Apcolite Synthetic. ii) Luxol Synthetic. iii) ICI delux iv) Nerolac	i) Asian ii) Berger iii) ICI Dulux iv) Nerolac
2	Acrylic Washable Distemper	i) Tractor ii) Bison iii) Nerolac Acrylic	i) Asian ii) Berger iii) Nerolac
3	Plastic Emulsion Paint	i) Royale Luxury ii) Luxol Silk iii) ICI delux iv) Nerolac	i) Asian ii) Berger iii) ICI Dulux iv) Nerolac
4	Weather proof Exterior Acrylic Emulsion paint	i) Snowcryl-XT ii) Apex iii) Weather Coat	i) Snowcry-XT ii) Apex iii) Weather Coat
5	White Cement	—	i) J.K.White ii) Birla White
	Plywood Products:		
6	Laminates	i) Marino ii) Century iii) Greenlam iv) Euro	i) Marino Industries ii) Century iii) Green Ply iv) Euro
7	Flush Door Shutters	i) Kalpataru ii) Vikalapa iii) Anchor iv) Action-tesa	i) Kalpataru ii) Vikalapa iii) Anchor iv) Action-Tesa
8	Pre Laminated Particle Board	Novopan Ecoboard	Novopan Ecoboard
9	Ply Wood, Block Board	i) Green ply ii) Century iii) Euro iv) Asis	i) Green ply ii) Century Ply iii) Euro iv) Asis
10	Ceramic Tiles(300 x 300 mm) -First Quality	—	i) RAK ii) Orient Ceramics iii) Johnson Ceramics iv) Nitco v) Kajaria
11	Glazed Tiles (100 x 200 mm) - First Quality	—	i) Johnson ii) Somani iii) Kajaria
12	Floor Dividing Strips	Fixopan PVC strips or Equivalent	Fixopan Engineers
13	Mirror Glass, Window Panes (plain)	—	i) Asahi Float ii) Modi Float
14	Aluminium Section	—	i) Jindal ii) Hindalco iii) AGVAIfab Ltd.
15	M.S.Pipe	—	i) Prakash ii) Jindal iii) QST
16	G.I.Pipes		i) Tata ii) Prakash Surya iii) Zenith


17	Viterous China Sanitaryware	—	i) Parryware ii) Hindware iii) Cera
18	Bottle Trap		i) Gem ii) L & K iii) Prayag
19	C.P. Fittings and accessories, flush valves C.P. Waste, spreaders, Urinal flush pipes, Bib cock, pillar cock.		i) Jaguar ii) Prayag iii) Aquel iv)
20	Gun Metal Valves (full way check and globe valves), Ball Cock	—	i) Leader (ISI) ii) Zoloto iii) Prayag iv) L&K
21	Stoneware pipes and Gully Traps	—	i) Perfect ii) ISI Mark
22	RCC Pipes		ISI Mark
23	C.I. double flanged sluice valves, non-Return valve.	—	i) Kirloskar ii) IVC iii) Kamla
24	C.P. Bib cock		i) Prayag ii) Aquel iii) Jaguar
25	Manhole Cover & Frame	Polycrete	Polycrete Enterprises
26	PVC Flooring	—	i) Premier Vinyl ii) Krishna Vinyl iii) Bhor iv) Armstrong v) L.G.
27	Floor Spring	—	i) Everite ii) Hardwyn iii) Godrej iv) Doorking
28	Pre-molded tiles		Dovetex
29	Cold twisted bars for reinforcement./ TMT	—	i) Rashtriya Ispat Nigam ii) Tiscon (Tata) iii) MSP Gold
30	Ordinary Portland Cement/ Portland Pozzolana Cement	43 Grade/ 53 Grade	i) Ambuja ii) Ultratech iii) Manikgarh iv) ACC
31	Shuttering Oil		Fosroc
32	Bricks		Local second quality
33	Steel Kitchen Sink	—	i) Nirali ii) Frankie iii) Neelkanth iv) Hindware
34	Aluminium Fittings	—	i) Diamond ii) Nulite
35	Standard rolled steel section for windows	—	ISI Mark
36	Sensor Controlled Auto Flush	—	i) Automat ii) Jaquar
37	Centrifugally Cast (Spun) iron S&S Pipes & Fittings	Neco Centri Kapilansh Centri	i) Jayaswals Neco. Ltd. ii) Kapilansh
38	Polythelene water storage Tanks	—	i) Sintex ii) Polycon
39	Marble aggregates (Best Quality)	—	i) Nathdwara ii) Rajrgarh

40	Water proofing material for Cement Concrete/Mortor	—	i) Pidilite ii) Roff iii) Fosroc
41	C.I.Pipes : Class L.A.	—	i) Kesoram ii) Supra
42	Polysulphite Sealant	—	i) Fosroc ii) Pidilite iii) Roff
43	Bitumen impregnated		Shalimar Tar Product
44	Resin based adhesive	—	i) Fevicol ii) Woodgrip iii) Carpenter iv) Falcofix
45	Ready Mix Concrete	—	i) Lafarge ii) Ultratech iii) RMC
46	Readymade Putty	—	i) Birla wall care ii) JK White
47	M.M.Tiles		ISI Mark
48	Rain water SWR pipe	—	i) Finolex ii) Supreme iii) Kisan
49	Vitrified tiles		i) Orient ii) Johnson iii) Nitco iv) Durato v) RAK
50	Veneers	i) Greenlam ii) Mayur iii) Century iv) Euro	i) Greenlam ii) Mayur iii) Century iv) Euro

Note:-

Samples of all materials, including above mentioned items shall be got approved from the Executive Engineer before the materials are procured and brought at site for bulk consumption. Materials shall not be procured by the contractor until clearance is accorded by the Executive Engineer. The change of brand can be made by Executive Engineer if required.

Contractor


Director
VNIT, Nagpur

**LIST OF ELECTRICAL MATERIAL AND THEIR RESPECTIVE MAKES TO BE USED IN
ERECTION AND INSTALLATION WORK AT VNIT SITES AND FOR MAINTENANCE STORE
PROCUREMENT.**

Date:- 16/05/2014

Sr.No	Details of Material / Specifications	Approved Makes.
1	SWITCHES, SOCKETS, CEILING ROSES, HOLDERS AND ALL BAKELITE ACCESSORIES.	ANCHOR(ROMA/PENTA), L&T, WIPRO, ABB
2	PVC PIPE AND ACCESSORIES.	SUPERPLAST(HMS), ANCHOR, PRECISION
3	SINGLE/ MULTI CORE PVC COPPER WIRES	POLYCAB, FINOLEX, ANCHOR, L&T, HAVELS
4	CASSING - N- CAPPING.	MODI , SUPERPLAST(HMS)
5	LT & HT ARMoured CABLE/ UNARMoured CABLE (COPPER / ALLUMINIUM)	POLYCAB, L & T, FINOLEX, CABLE CORPORATION OF INDIA.
6	SWITCHGEARS (VCB, ACB,CHANGEOVER SWITCH, MCCB, MCCBDB ETC)	HAGER, L&T, SEIMENS, CROMPTON, ABB, SCHNEIDER.
7	MCB, MCCBDB & INDUSTRIAL PLUG (* MCB & DB SHALL BE OF SAME MAKE)	HAGER, L & T, SEIMENS , SCHNEIDER, LEGRAND, ABB.
8	ELCB WITH BOX.	L & T, HAVELS, HAGER, SCHNEIDER.
9	FLOROCENT TUBE FITTINGS	PHILIPS, BAJAJ, CROMPTON, SURYA, WIPRO, HAVELS.
10	ELECTRONIC CHOKES (11Watt,14 Watt 28 Watt, 36/40 Watt)	PHILIPS,CROMPTON, BAJAJ, WIPRO.
11	HPSV / HPMV/ MH / LED FITTINGS	PHILIPS, BAJAJ, CROMPTON, WIPRO.
12	BALLAST FOR HPSV / HPMV / MH /LED	PHILIPS, BAJAJ, CROMPTON, WIPRO.
13	T-5 / T-8 TUBE RODS (14, 28, 36/40 Watts)	PHILIPS, BAJAJ, CROMPTON, SURYA.
14	PLS / CFL TYPE TUBE ROD / BULBS & FITTINGS	PHILIPS, BAJAJ, CROMPTON, WIPRO, HAVELS.
15	CEILING FANS	CROMPTON, BAJAJ, USHA, HAVELS.
16	WALL FANS/ EXHAUST FANS	CROMPTON, HAVELS, BAJAJ, ALMONARD.
17	WATER HEATER	RECOLD, BAJAJ, RAMSON.
18	VOLTMETER, AMMETER, ENERGY METER	A.E/ RISHAB / L & T, HAGER, HPL.
19	MOTAR STARTER / CONTACTOR / TIMMER.	L & T, SEIMENS, HAGER, SCHNEIDER.
20	BALL BEARINGS	SKF, NBC.
21	SFU	L & T, SEIMENS, ABB.

Note:- 1) Economical models of above makes shall be strictly rejected.

2) At specific sites the makes asked by the Co-ordinator or Site Engineer / Supervisor shall be final.

Sample :-
Samples of all material , Including above mentioned items shall be got approved from the Executive Engineer / Associate Dean (Electrical works) before the materials are procured and brought at site for bulk consumption , materials shall not be procured by the contractor until clearance is accorded by the Executive Engineer . The range of brand can be made by Executive Engineer / Associate Dean (Electrical works) if required.

Contractor

Director
VNIT, Nagpur

shk. 23/01/19

Annexure-1

Detail Specification of Electric Traction Passenger Lift Machine Room Less (MRL)

Supplying, Erection, Testing & Commissioning (SET&C) of Electric Traction Passenger Lift with (ARD system)

- Rated capacity :- 13 Passenger/884Kg
- Floors :- G+1 floor (2Stops/2 Landings)
 - Travel :- 3 to 4.2 mtrs.
- Location of Lift Machine:- Machine Room Less (MRL)
 - Rated speed :- 1.0mps VS
- Doors type :- COPO/TOPO Doors with frame having clear
- Doors type :- COPO/TOPO Doors with frame having clear opening of 900/1000 mm wide x 2000 mm high made from Glass as per specification / SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/ frames
- Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with /without attendant key switch, OWD with audio-visual alarm, VAS in Marathi, Hindi & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor
 - LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings
- Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor /control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coated.

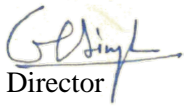
List of Approved Material

Sr. No.	Equipment	Make
1	Switchgear (ACB, MCCB, Contactor, Isolator, etc.)	Legrand/Siemens/ABB/Schneider/Hager/L&T
2	Switchgear (MCB, ELCB, RCBO)	Legrand/Seimens/Schneider-ACTI9/Hager/L&T
3	Lighting Fixtures	Philips, Wipro
4	Flexible Cable & Wire	Finolex /Polycab /KEI/ LAPP
5	PVC Conduit	Precision, Superplast & Diamond (HMS type)
6	Switches, sockets, switchboards	Legrand /Schneider/Crabtree
7	Meters	Conzerv/HPL/EL Measure
8	Indicating Lamps	Technic/Siemens/MKAY/L&T
9	Push Buttons	Technic/Siemens/MKAY/L&T
10	C.T.	A.E./AVK-SEG/MECO
11	Passenger Lift	Otis, Schindler, Thyssenkrupp, Kone, Schneider

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Director
VNIT, Nagpur