

Government of India
BHABHA ATOMIC RESEARCH CENTRE
Civil Engineering Division

Corrigendum No. 4 to Tender Documents
w.e.f. 29.07.2016

This may be read along with the existing Tender Documents published on BARC website/tender wizard BARC-DAE. The following are the changes in the existing Tender Documents:

ANNEXURE – B is Modified (new brands have been added at Sr.No. 4(b) , 6(h), 6(m) and at Sr. No. 7 in the existing list) / Revised as under:

ANNEXURE - B**LIST OF APPROVED MANUFACTURER OF BUILDING MATERIALS**

The makes have been specified in the tender document based on requirements & desired performance and detailed study of the technical parameters, manufacturing process, quality assurance/control & testing and if any bidder wishes to add any other make / brand equivalent to specified in the tender they shall inform at the time of Pre bid meeting / Technical bid submission, the same would be communicated to all the bidders if approved and would become part of the tender.

Sl. No.		Description of materials	List of Manufacturers
1	a	Ordinary Portland Cement 43 Grade	ACC, Birla Rajshree, Ultratech.
	b	Portland Pozzolana Cement (fly ash based confirming to 28 days strength requirement of OPC 43 grade)	ACC, Birla Rajshree, Ultratech,
	c	White Cement	J.K. Cement & Birla White
2		HYSD Bars (TMT Bars) confirming IS-1786	M/s SAIL, RINL, TATA, JSPL, JSW Steel, Sham Steel, Guru Nanak Metal, Metro Ispat., Metro Alloys, M/s. Bhagwati Ferro alloys, Ambe Ferro Alloys, M/s Electrosteel Steels Ltd.
3	a	Structural Steel Sections confirming to IS-2062	M/s. SAIL, RINL, TATA, JSPL, JSW, any other manufacturers confirming to IS-2062
	b	Structural Steel Plates confirming to IS-2062	M/s. SAIL, RINL, TATA, ESSAR, JSPL, JSW, any other manufacturers confirming to IS-2062
4	a	Flyash Bricks	M/s Shirke bricks, M/s Unicorn, M/s Shri Samarth, M/s A Cube bricks, LANVIN Infrastructure Pvt. Ltd., any other approved manufacturers.
	b	Autoclave Aerated Blocks (AAC)	M/s. Siporex , M/s AEROCON, XTRALITE of M/s UltraTech Cement Ltd.,
5		Agency for Anti-Termite treatment	M/s PARAGON, PEECOPP, Express Pesticides Corporation, Pest Control (I) Ltd.
6		Tiles:	
	a	Ceramic Tiles	M/s H.R. Johnson (I) Ltd., Somany, Kajaria, Asian Granito India Ltd, Bell graneto
	b	Digital Glazed Vitrified Tiles	M/s H.R. Johnson (I) Ltd., Somany, Kajaria, Asian Granito India Ltd, Bell graneto
	c	Glazed Floor Tiles	M/s H.R. Johnson, RAK Ceramics, Bell Granito, KAJARIA, SOMANY & Asian Granito India Ltd.
	d	P V C flooring Rolls / Tile / Sheets	Premier Poly Vinyl, RMG Poly Vinyl India Ltd., (wonder floor), Armstrong, Responsive Industries Ltd., Royal Cushion Vinyl
	e	Paver Blocks, Polymer moulded Paver Blocks, Chequered concrete Floor Tiles, Unipaver Blocks	Super Tiles, Shree Precast INDUSTRIES, Pavetech Industries, Ultra Tile Pvt. Ltd., Intex Designer Tiles Pvt. Ltd. (Duracrete); Choice Mosaic Tiles.
	f	Concrete Designer wall & Floor tiles	Ultra tile, Eurocon, Duracrete

Sl. No.		Description of materials	List of Manufacturers
6	g	Acid Proof Tiles	Johnson ENDURA Tiles
	h	Tile Grout	ROFF / BALENDURA / LATICRETE / TILEFIXO of M/s UltraTech Cement Ltd., FIXOTILE of ACC Ltd.
	i	Non shrink Grout	FOSROC/PIDILITE/BASF/SIKA/ ACCOGGOUT of ACC Ltd.
	j	Mosaic Tiles / Terrazo	As approved
	k	Metallic Floor Hardner	Ironite India Ltd. Triveni Colour Industries (Floor) Heatly & Gresham (India) Ltd., De Rust Chemical Corporation of India (Fermonite), Cement Research Corporation (stilonite), Kironite
	l	Metal False Flooring	M/s UNITILE Access Floor
	m	Thin Jointing Mortar	FIXOBLOCK of M/s UltraTech Cement Ltd., ACCOFIX of ACC Ltd.
7		Ready Mix Plaster	ROOFIT, FAIRMAT, WALPLAST, READIPLAST of ULTRATECH Cement Ltd., ACCOplast of ACC Ltd.
8		White Cement based wall putty	Birla Walcare / JK Putty
9		Lime, Neeru	Janatacem, AsianPaintMore (Peacock), Kamal
10		Ready Mix concrete	ACC RMC, Govandi, ULTRATECH Readymix, Govandi, RMC India (Ghatkopar, Mahape) and other approved plants.
11		Concrete Admixtures	Structural waterproofing Co., FOSROC Chemicals, BASF, CICO
12		Integral Waterproofing Compound	M/s Accoproof, CICO, Impermo, Pidilite, Roffe, FOSROC, Dr. Fixit, Sunanda Chemicals
13		Agencies for Waterproofing Treatment- Cement based	M/s Modern Waterproofing, Ms/ Gemini Construction M/s National Waterproofing M/s New Bharat Waterproofing Co. M/s. Taj Enterprises M/s CICO Technologies M/s Nina Industries M/s Structural Waterproofing Company
14		PVC Water stops	M/s Omai Plastics, Caprihans India Ltd., Kanta Polymers (Kanta flex) & Fixopan
15	a	Expansion Joint Boards	M/s Shalitek, M/s. Supreme-HD-100, Duroboard (Item specific)
	b	Expansion Joint Fillers	M/s Shalitek, S.T.P. Ltd., Lloyd Insulation & BASF Chemicals, FOSROC, PIDILITE, Choksey
	c	Heavy Density Thermocol (Expanded polystyrene)	As approved
	d	Poly Sulphide Sealent	PIDILITE / BASF / DOWCORNING, Choksey
16		Doors, Windows, Partitions, Rolling Shutters, Fittings & Fixtures	
	a	Pressed Steel Door Frame	Ms SenHarvic, Anjali Enterprises, Windoors, Bharat Steel Industries Pune, M/s AGEW, M/s Sheth Fabricators, Shakti Hurmann
	b	Steel flush Doors / Hollow metal Flush Doors	Shakthimet Doors, Sheth Fabricators, M/s Ahaladha, M/s Senharvic, M/s Diamond Doors (Item Specific); Windoors, Strategic Buiding Systems, Signum Fire Protection Ltd., Anjali Enterprises, AGEW
	c	Pressed steel doors & fire resistant steel doors	Ms Shakthimet Doors, M/s Ahaladha, Strategic Building Systems, M/s. Sheth Fabricators, M/s Signum Fire Protection Ltd.

Sl. No.		Description of materials	List of Manufacturers
16	d	Flush Door Shutter	Indian Plywood, Kitply, Anand Wood Crafts, Sejpal and others (Anand Doors), M/s Kalpatharu Doors
	e	Masonite Wooden Panel Doors	Masonite India Ltd.
	f	FRP Door Shutter	Advance FRP & House of Doors, Eccentric Designs
	g	Steel Windows	M/s SenHarvic, AGEW, Windoors, Anjali Enterprises, M/s. Sheth Fabricators, M/s. NCL Seccolor & Bharath Steel (Pune)
	h	Mild Steel Rolling Shutters, G.I. Rolling Shutters, Stainless steel & aluminium rolling shutters	Windoors, Dodia, Bharath, Vijaylakshmi Rolling Shutters & M/s Anjali Enterprises
	i	Motorized Rolling Shutters & Motorized Gates	M/s. Gandhi automation Pvt. Ltd., Vijalakshmi Rolling Shutters
	j	Block Board	Wood India – Calcutta, Sejpal & others, Pioneer Timber Products, Chandigarh, Balaji Action Build well (Action Tesa)
	k	Ply Wood	a) For permanent use in buildings: Indian Plywood Mfg. Ltd. (Anchor), Kitply, Century Plywood, Associate Ply b) For Formwork : MAGNUS DENSIFIED FILMFACED PLY WOOD, Anchor brand, Associate Lumories
	l	Pre Laminated & Plain Particle Boards	ASIS, ARCHIDPLY, Action TESA
	m	Factory made solid wooden panel doors	Kalpatharu Doors, M/s Jawahar Saw Mills, M/s Sreeji Wood Craft
	n	Fibre Cement boards	Everest-E-Boards / Charminiar –C-Boards & ECOPRO & Shera boards
	o	Textured Fibre Boards	SHERA boards & Everest E-boards
	p	Aluminium Flush door shutters	Alufins
	q	Adhesive for wood	Fevicol, Vamicol, Dunlop, Araldite
	r	Aluminium Grills	M/s Decogrille
	s	Hardware Fittings & fixtures	M/s Jayant Metal, Shalimar hardware, Everite, Garnish, Diamond, Navbharat, SAIF Enterprises, Hardwin Traders, Godrej, DE Lock Industries, Explore Engineers, Garg, Classic, EBCO, Kich
	t	Aluminium Extruded Sections	Jindal, Indal, Hindalco, Bhoruka, M/s Royale Touche, Geetavin
	u	Aluminium Powder Coated Curtain rods	As approved
	v	Factory made Ready to fix Aluminium Windows	M/s. Geeta Aluminum
	w	Dry wall partitions	M/s. Gypsum India Ltd. (Saint Gobain, M/s. RAMCO HILUX (calcium silicate (ITEM SPECIFIC)
	x	Floor Springs & Door Closers	Hardwyn, Everite, Hyper, Garnish
	y	VENETIAN BLINDS / VERTICAL BLINDS	FABER, MARVEL, Max, Vista
17		Cement Based Paint	M/s Snowcem India Ltd. (Super snowcem, Sandex Matt), Berger-(Rabiaceem), Apoorva Buildcare
18		Distemper & Paints Acrylic Emulsion, Enamel, Luster coat	M/s Asian Paints, Kansai Nerolac Paints Ltd., ICI Paints, AKzo NOBLE Paints, Berger Paints India Ltd., Jenson Nicholson, Garware Paints Ltd. & Shalimar Paint

Sl. No.		Description of materials	List of Manufacturers
19		Elastomeric Paints	Apoorva Buildcare
20		Polyurethane Paints	MRFL – Metal Coats
21		Textured Plaster / Paint	Renovo, Durashield, RUF & TUF of Sherwin Willams [BJN Paints]
22		Anti-fungal paint	Artilin Paints, weather shield AKZO NOBLE Paints, Royal Shyne of Asian Paints
23	a	Epoxy paint	Asian paints, Berger, Shalimar, Amorloc, Huntsman
23	b	Epoxy Flooring	HUNTSMAN, Fosroc
24	a	Tar felts	M/s. S.T.P. Ltd., Lloyd Insulation, Tiki Tar Industries
	b	Chemical Based Water Proofing	Indofil, Flexicrete of Polyflex Industries, Fosroc, M/s. STP Ltd (Item Specific) M/s. Bitumet (Item Specific)
25		Glass wool slabs	M/s. Rock wool India Ltd.
26		Glass for Doors / Windows	Modi Guard, Emirates, Saint Gobain, Asahi (IAG & AIS), Floatglass
27		Plain Glass Mirror	M/s Modi Float Glass, Eagle, Atul, Saint Gobain, Asahi (IAG)
28		Sanitary Wares	M/s Parryware, Cera, Neycer, Hindustan Sanitary ware (Hindware)
29		PH C.P. Brass Fittings & Fixtures – All PH fittings	Jaquar, GEM, Techno, KINGSTON, Metro, ESSCO, Plato
30		C.P. BRASS Urinal Waste & Flush pipes	As approved
31		Plastic Seat & Cover for EWC	M/s Commander, Diplomat, Patel, Champion, Parryware, Hindware, CERA
32		S.S. Sink	M/s Diamond, Nirali, Parryware
33		G.I. Pipes	M/s TATA
34		G.I. Pipes other than TATA make if specified	Zenith, Jindal ,
35		G.I. Fittings	As approved
36		G.M. Gate / Globe Valves	M/s Leader Valves, Neta, SANT, Zoloto, Hawa
37		Air Valve	Leader, Sant, HAWA, M/s Kirloskar
38		Water Meter	Capstan, Keycee, Paramount
39		Sluice Valves	Kirloskar, Leader, Hawa
40		Stainless Steel Towel rods & bath Accessories	KICH, Jaquar, ESSCO, Johnson
41		Cast Iron Valves	Kirloskar, Leader, HAWA
42		C.I. Soil Quality pipes, Rain water pipes	NECO, RIFCO, A-1, PARAS, HIF , SKF by M/s Singhal Iron Foundry (Pvt.) Ltd.
43		S.W. Pipes & Gully Trap	As approved
44		RCC Hume Pipes	M/s Indian Hume Pipes, Pranali, Cement pipe, Ghambir Pipes and products , Hindustan Pipes (Confirming to ISI)
45		HDPE Pipes & HDPE fittings	Prince, Sangir pipes, Supreme
46		RCC frame, covers	M/s Pratibha, Bharath, Vikrant
47		C.I. frame & covers; CI Gratings	NECO, M/s Ashok Iron, Foundry, HIF, Bombay Iron Works, KFAI
48		UPVC, SWR Pipes, C-PVC Pipes	Finolex, Prince, Supreme, ASTRAL

Sl. No.	Description of materials	List of Manufacturers
49	PPR Pipes	Supreme, Sakthi Polymers, PRINCE, KISAN-KSR
50	PVC Plastic High / Low level cistern	Commander, Champion, Elitedual Parryware-slimline, Hindware, Prince
51	PVC Inlet connection & Waste Pipes	Kohinoor, ESSCO, GEM & Elite
52	Concertina Coil	As approved
53	Polycarbonate sheet	TUFLITE Polymers, GE
54	Asbestos Roofing Sheets	Everest, Charminar, Asbestos Cement Ltd., VIKRANT
55	Colour Coated Steel / Zinc-alu alloy roofing sheets	Kirby, Steelfab & Colour Roof India Ltd., M/s SAFZIP
56	Aluminium Roofing Sheets	M/s. CRIL, KALZIP, SAFZIP (Item Specific)
57	BITUMEN	HPCL, BPCL & Indian oil Corporation
58	Bitumen Emulsion	IWL, STP, HPCL
69	PVC water tank	SINTEX
60	FRP water tank	Devi Polymers, BINANI
61	Polymers (Styrene Butadine Rubber)	BASF, Pidilite & ROFFE, BASF

LIST OF APPROVED MANUFACTURER FOR STRUCTURAL GLAZING, ACP CLADDING AND GLASS

FAÇADE

Sl. No.	Description of materials	List of Manufacturers
1	Glass: Monolithic, Heat Strengthened, Toughened, Reflective, Tinted, Insulated, Laminated and Tempered Glass	St. Gobain (France/India), Glaverbel (Europe), Pilkington (USA, UK), Asahi (Japan), Viracon (USA), Guardian (USA), Saudi American Glass Factory, Interpane (USA)
2	Aluminium Extrusions	Hindalco Industries, Jindal, Boruka or approved equivalent subject to specified tolerance standards. Indalco
3	Stainless Steel	Salem Steel or approved equivalent
4	EPDM	AMEE Rubber Industries Pvt. Ltd., OSAKA Rubber Pvt. Ltd. or equivalent approved.
5	Double Glazing Unit Hermetically Sealed	Manufacturers listed above as item 1 and Sejal Arch. Glass/ FG Glass Industries Pvt. Ltd.
6	Expansion Anchors	HILTI or approved equivalent (with stainless steel 616 bolts, nuts & washers)
7	Chemical Anchors	HILTI or approved equivalent
8	Window Furniture: a) 4 Point Lockset b) S.S. Friction Hinges c) Patch Fittings d) Floor Springs e) Adhesive Film f) SS Handles	GIESSE or approved equivalent COTS WOLD or approved equivalent, DORMA / Geetavin/Shalimar DORMA DORMA 3 M or approved equivalent. DORMA/KICH
9	Structural Sealant	Dow Corning / GE / Wecker
10	Weather Sealant	Dow Corning / GE / Wecker
11	Foam Spacers and Mounting Tapes	NORTON or approved equivalent
12	PVDF Coatings	VALSPAR Corporation or approved equivalent.
13	Aluminium Composite	ALUCOBOND or REYBOND or Alpolc approved Metal Panels equivalent, Eurobond, Durobond
14	Baker Rod	Supreme Ind. or approved equivalent

Sl. No.		Description of materials	List of Manufacturers
15		Insulation	Glass wool / Rock Wool or approved equivalent
16		Spider System	Dorma or approved equivalent
17		Glass Processor	Impact Safety / Sejal Glass tech/ GSC / Asahi & FG Glass Industries Pvt. Ltd.
18			