

Government of India
BHABHA ATOMIC RESEARCH CENTRE
Civil Engineering Division

**Corrigendum No. 1 to A&CED Tender Documents
w.e.f. 28.11.2014**

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

Sr. No.1: A&CED (Architectural & Civil Engineering Division) has been divided into two Divisions i.e. **CED** (Civil Engineering Division) and **A&SED** (Architectural & structural Engineering Division). So A& CED Tender Documents means “**CED (Civil Engineering Division) Tender Documents**” and “**A& SED (Architectural & structural Engineering Division) Tender Documents**”.

Sr. No.2: SECTION - III - CONDITIONS OF CONTRACT: C L A U S E S O F C O N T R A C T:

CLAUSE 1-A: RECOVERY OF SECURITY DEPOSIT: Under this clause the existing first two para are modified/ replaced with as under:

Para I- Replaced with **New Para as under:**

New Para: The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered value of the work. Such deductions will be made and held by Government by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in cash or in the form of Government Securities or fixed deposit receipts. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the security deposit and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

Para II- “The security deposit shall be collected from the running bills of the contractor at the rates mentioned above and the Earnest Money deposited at the time of tenders will be treated a part of the Security Deposit” may be read as “**The security deposit shall be collected from the running bills and the final bill of the contractor at the rates mentioned above**”.

Sr. No.3: CLAUSE 10 (CC):

The last para under this clause “Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding **18 Months.**” may be read as “**Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding 12 Months.**”

Sr. No. 4: PROFORMA OF SCHEDULES**SCHEDULE 'E'**

Under Schedule 'E' the following are the changes:

Estimated cost of work: Rs. _____

(i) Earnest money: Rs. _____

(ii) Performance Guarantee: 5% of tendered value

(iii) Security Deposit: 5% of tendered value

Is replace by:

Estimated cost of work: Rs.

(i) Earnest money: Rs.(to be returned after receiving performance guarantee)

(ii) Performance Guarantee: 5% of tendered value.

(iii) Security Deposit: 2.5% of tendered value.

Sr. No. 5 : A N N E X U R E - B "LIST OF APPROVED MANUFACTURER OF BUILDING MATERIALS" is replaced with new approved list 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 of Grade 43	ACC, Birla Rajshree, Ultratech
	b	Portland Pozzolana Cement (fly ash based confirming to 28 days strength requirement of OPC 43 grade)	ACC, Birla, Ultratech
	c	White Cement	J.K. Cement & Birla White
2	a	HYSD Bars (TMT Bars)	M/s TISCO, SAIL, RINL
	b	HYSD Bars (TMT Bars) if specified other than M/s TISCO, SAIL, RINL	Guru Nanak Metal, Metro Ispat., Metro Alloys & M/s. Bhagwati Steel Cast, JSW Steel, Sham Steel, Ambe Ferro Alloys
3		Structural Steel Sections	M/s SAIL, RINL, TATA
4		Structural Steel Plates	M/s SAIL, RINL, TATA, Essar
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.
	b	Glazed Tiles	M/s H.R. Johnson (I) Ltd., Somany, Kajaria, Asian Granito India Ltd.
	c	Vitrified 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	Wonder Floor, M/s Premier Vinyl Flooring Ltd., Armstrong, Responsive Industries Ltd.
	e	Paver Blocks, Polymer moulded Paver Blocks, Chequered concrete Floor Tiles, Unipaver Blocks	Super Tiles, Shree Precast INDUSTRIES, Pavetech Industries
	f	Concrete Designer wall & Floor tiles	Ultra tile, Eurocon, Duracrete
	g	Acid Proof Tiles	Johnson ENDURA Tiles
	h	Tile Grout	ROFF / BALENDURA / LATICRETE

Sl.No.		Description of materials	List of Manufacturers
7		Flyash Bricks	M/s Shirke bricks, M/s Unicorn, M/s Shri Samarth, M/s A Cube bricks
8		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
9		Pressed Steel Door Frame	M/s SenHarvic, Anjali Enterprises, Windoors, Bharat Steel Industries, Pune, M/s AGEW, M/s Sheth Fabricators
10		Steel flush Doors	Shakthimet Dors, Sheth Fabricators, M/s Ahaladha, M/s Senharvic, M/s Diamond Doors (Item Specific), windors, Anjali Enterprises, AGEW
11		Doors	
	a	Flush Door Shutter	Indian Plywood, Kitply, Anand Wood Crafts, Sejpal and others (Anand Doors), M/s Kalpatharu Doors
	b	Masonite Wooden Panel Doors	Masonite India Ltd.
	c	FRP Door Shutter	Advance FRP & House of Doors, Eccentric Designs Godrej
	d	Pressed steel doors & fire resistant steel doors	M/s. Shakthimet dors, M/s. Ahaladha, Strategic Building Systems. M/s. Sheth Fabricators, M/s. Signum Fire Protection Ltd.
	e	Steel Windows	M/s SenHarvic, AGEW, Windoors, Anjali Enterprises, M/s. Sheth Fabricators, M/s. NCL Seccolor & Bharath Steel (Pune)
	f	Mild Steel Rolling Shutters, G.I. Rolling Shutters, Stainless steel & aluminium rolling shutters	Windoors, Dodia, Bharath, Vijaylakshmi Rolling Shutters & M/s Anjali Enterprises
	g	Block Board	Wood India – Calcutta, Sejpal & others, Pioneer Timber Products, Chandigarh, Anchor
	h	Ply Wood	Indian Plywood Mfg. Ltd., Kitply, Century Plywood, Anchor, Associate Ply
	i	Pre Laminated & Plain Particle Boards	ASIS, ARCHIDPLY, Action TESA
	j	Factory made solid wooden panel doors	Kalpatharu Doors, M/s Jawahar Saw Mills, M/s Sreeji Wood Craft
	k	Fibre Cement boards	Everest-E-Boards / Charminiar –C-Boards & ECOPRO & Shera boards
	l	Textured Fibre Boards	SHERA boards & Everest E-boards

Sl.No.		Description of materials	List of Manufacturers
	m	Adhesive for wood	Fevicol, Vamicol, Dunlop, Araldite
12		Aluminium Grills	M/s Decogrille
13	a)	Hardware Fittings & fixtures	M/s Jayant Metal, Shalimar hardware, Everite, Garnish, Diamond, Navbharat, SAIF Enterprises, Hardwin Traders, Godrej, DE Lock Industries, Explore Engineers, Garg Hinges, Classic
	b)	Brass hardwares	M/s. Chetna, Flora
	c)	Fixtures for Aluminum Windows	Shalimar &EBCO
14		Aluminium Extruded Sections	Jindal, Indal, Hindalco, Boruka, M/s Royale touch
15		Aluminium Powder Coated Curtain rods	Bilmate, Elite
16		Glass shelf C.P. brackets	Elite, Amit & Vijay
17		Lime	Janatacem, Asian Paint More (Peacock)
18		Neeru	More (Peacock), Kamal
19		Cement Based Paint	M/s Snowcem India Ltd. (Super Snowcem, Sandex Matt), Surfa coat, Terraco, Berger-(Rabiacem), Apporva Buildcare
20	a)	Distemper & Paints	M/s Asian Paints, Kansai Nerolac Paints Ltd., ICI Paints, Noble Paints, Berger Paints India Ltd., Jenson Nicholson, Garware Paints Ltd. & Shalimar Paints
	b)	Textured Paint & coatings	Renovo, Durashield, & RUF &TUF of Sherwin Willams [BJN Paints]
21		Integral Waterproofing Compound	M/s Accoproof, CICO, Impermo, Pidilite, Roffe, FOSROC, Dr. Fixit
22		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

Sl.No.		Description of materials	List of Manufacturers
23		Chemical Based Water Proofing	Indofil, FlexiCrete, Fosroc, M/s. STP Ltd (Item Specific) M/s. Bitumet (Item Specific)
24		PVC Water stops	M/s Omai Plastics, Caprihans India Ltd., Kanta Polymers (Kanta flex) & Fixopan
25		Expansion Joint Boards	M/s Shalitek M/s. Supreme-HD-100 Duroboard (Item specific)
26		Tarfelts	M/s. S.T.P. Ltd., Lloyd Insulation, Tiki Tar Industries
27		Expansion Joint Fillers	M/s Shalitek, S.T.P. Ltd., Lloyd Insulation & BASF Chemicals, FOSROC, PIDILITE, Choksey
28		Glass for Doors / Windows	Modi Guard, Emirates, Saint Gobain, Asahi (IAG & AIS), Floatglass
29		Plain Glass Mirror	M/s Modi Float Glass, Eagle, Atul, Saint Gobain, Asahi
30		Sanitary Wares	M/s Parryware, Hindustan, Cera, Neycer
31		Water supply C.P. Brass Fittings & Fixtures	JAGUAR, GEM, Techno, KINGSTON, Metro, ESSCO, Plato
32		C.P. Brass Waste Coupling and Bottle Trap, C.P. Towel Rod & C.P. Extn.	ESSCO, GEM, Kingston, Jaquar, Metro, Plato
33		C.P. BRASS Urinal Waste & Flush pipes	Orient, PARKO, Elite, Jaquar & Metro
34		Plastic Seat & Cover	M/s Commander, Diplomat, Patel, Champion, Parryware & Hindware, CERA
35		S.S. Sink	M/s Diamond, Nirali, Parryware
36		G.I. Pipes	M/s TATA
37		G.I. Pipes other than TATA make if specified	Zenith, Jindal
38		G.I. Fittings	PEC, MJM, R-Brand, UNIK, Plumb well and other brands approved with ISI mark KAS, Kranti
39		G.M. Gate / Globe Valves	M/s Leader Valves, Neta, SANT, Zoloto
40		Air Valve	Leader, Sant, HAWA, M/s Kirloskar
41		Water Meter	Capstan, Keycee, Paramount
42		Sluice Valves	Kirloskar, Leader, Hawa

Sl.No.		Description of materials	List of Manufacturers
43		C.I. water quality pipes	Electro steel castings, Jindal, Lanco (Item Specific)
44		Cast Iron Valves	Kirloskar, Leader, HAWA
45		C.I. Soil Quality pipes	NECO, RIFCO, A-1, PARAS, HIF, Kajeriwal, ASP
46		S.W. Pipes & Gully Trap	Perfect, BURN, RK, ANAND, Bharath (Any ISI marked)
47		RCC Hume Pipes	M/s Indian Hume Pipes, Pranali, Cement pipe, Ghambir Pipes, products - Hindustan Pipes (Confirming to ISI)
48		HDPE Pipes & HDPE fittings	Prince, Sangir pipes, Supreme
49		RCC frame, covers	M/s Pratibha, Bharath, Vikrant
50		Pressure gauge	HAWA
51		PIG LEAD	M/s Hindustan Zinc Ltd.
52	(a)	C.I. frame & covers	NECO, M/s Ashok Iron, Foundry, HIF, Bombay Iron Works
53		Cast Iron Gratings	NECO, KFAI & Bombay Iron works
54		UPVC, SWR Pipes,	Finolex, Prince & Supreme
55		C-PVC pipes	Supreme, Prince & ASTRAL
56		Poly Propylene – R Pipes	Supreme & Sakthi Polymers, PRINCE, KISAN-KSR
57		PVC Plastic High / Low level cistern	Commander, Champion, Elitedual Parryware-slimline, Hindware, Prince
58		PVC Inlet connection & Waste Pipes	Kohinoor, ESSCO, GEM & Elite
59		CP Brass towel rods and accessories	Elite, GEM, Jagquar, ESSCO, HINDWARE, PLATO
60		Stainless Steel Towel rods & bath Accessories	KICH, Jaquar, ESSCO, Johnson
61		PTMT Bath fittings (PVC)	PRAYAG Polymers
62		Concrete Admixtures	Structural waterproofing Co., FOSROC Chemicals, BASF, CICO
63		Asbestos Roofing Sheets	Everest, Charminar & Asbestos Cement Ltd., VIKRANT

Sl.No.	Description of materials	List of Manufacturers
64	Colour Coated Steel / Zinc-alu alloy roofing sheets	Kirby, Steelfab & Colour Roof India Ltd., M/s SAFZIP
65	Aluminium Roofing Sheets	M/s. CRIL, KALZIP, SAFZIP (Item Specific)
66	BITUMEN	HPCL, BPCL & Indian oil Corporation
67	Bitumen Emulsion	IWL, STP, HPCL
68	Ready Mix Plaster	ROOFIT, FAIRMAT & WALPLAST
69	Ready Mix concrete	ACC RMC, Govandi & ULTRATECH readymix, Govandi, RMC India (Ghatkopar, Mahape)
70	PILING - agencies	Simplex Piles, Advance Geotech Solutions, M/s. Pandey Earth work Pvt. Ltd.
71	Automatic Rolling Shutters & Motorized Gates	M/s. Gandhi automation Pvt. Ltd., Vijalakshmi Rolling Shutters
72	Factory made Ready to fix Aluminium Windows	M/s. Geeta Aluminum
73	Epoxy Flooring	HUNTSMAN & Fosroc
74	Epoxy paint	APCODUR- Asian paints, Berger, Shalimar, Amarloe, Huntsmar
75	False Flooring	M/s UNITILE Access Floor, M/s D G False flooring
76	Autoclave Aerated Blocks (AAC)	M/s. Siporex & M/s AEROCON
77	ROCKWOOL	M/s. Rock wool India Ltd.
78	Heavy Density Thermocol (Expanded polystyrene)	M/s. Beard shell
79	Polycarbonate sheet	TUFLITE Polymers, GE
80	PVC water tank	SINTEX
81	FRP water tank	Devi Polymers & BINANI
82	Dry wall portions	M/s. Gypsum India Ltd. (Saint Gobain, M/s. RAMCO HILUX (calcium silicate (ITEM SPECIFIC)
83	Floor Springs & Door Closers	Hardwyn & Everite, Hyper, Garnish
84	Poly Sulphide Sealent	PIDILITE / BASF / DOWCORNING
85	VENETIAN BLINDS / VERTICAL BLINDS	FABER, MARVEL, Max, Vista

Sl.No.		Description of materials	List of Manufacturers
86		WALL PUTTY White Cement based	Birla Walcare / JK Putty
87		System Formwork	DOKA, RMD Quick Form & L&T

**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

Sl. No.	Description of materials	List of Manufacturers
12	PVDF Coatings	VALSPAR Corporation or approved equivalent.
13	Aluminium Composite	ALUCOBOND or REYBOND or Alpolic approved Metal Panels equivalent, Eurobond, Durobond
14	Baker Rod	Supreme Ind. or approved equivalent
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		

Sd/-28-11-2014
Chief Engineer