## **Minutes of Meeting (ADDENDUM – 01)**

## RESTORATION REFURBISHMENT AND UPGRADATION OF EXISTING LABORATORY BUILDING FOR MPCB's AT MAHAPE, NAVI MUMBAI.

Tender No.: - MPCB/EE/01/25 date-04/03/25



## **Maharashtra Pollution Control Board**

Kalpataru Point, 3rd& 4thFloor, Sion Matunga Scheme Road No.8

Opp. Sion Circle, Sion (East), Mumbai-400 022

Website: http//:www.mpcb.gov.in

(2025 - 2026)

## RESTORATION, REFURBISHMENT AND UPGRADATION OF EXISTING LABORATORY BUILIDING FOR MPCB AT MAHAPE, NAVI MUMBAI.

Pre Bid Meeting for E tender no MPCB/EE/01/25-DATE-04/03/25 held on 11<sup>th</sup> March 2025 at MPCB office, 4<sup>th</sup> Floor, Kalpataru Point, Sion Circle Sion East, Mumbai.

During the course of discussion and queries raised by contractors, following addendums are made which are as below:-

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
1	Existing layout drawings are required for quoting Job items	Item No. 1.06 - Dismantling old sanitary fitting & fixtures of all types i.e. W.C., urinals, wash basin etc. including its pipes and stacking of serviceable material and handed over to the MPCB and disposal of unserviceable material with all lead and lifts etc. complete as per direction of EIC / PMC.	The agency has to visit the site and quote accordingly.
		Item No. 1.07 - Removing old electrical fitting & fixtures of all types i.e. lights, fans, detectors, exhaust fan, switch, socket, equipment's, switchgears, DB, and bus bar, Telephone / LAN / WAN / TV cables, FAPA etc. including its cable, wiring, piping and stacking of serviceable material and handed over to the MPCB and disposal of unserviceable material with all lead and lifts etc complete as per direction of EIC / PMC.	

MPCB 2 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
2	Detailed drawing required the for all furniture drawing		All floor plans are already attached with the tender documents.
3	Tender item no. 3.24 - Toilet cubical but the drawing shows a brick wall.	Item No. 3.24 - Supply and installation of toilet cubicles of width and depth as per specifications/site drawings. Cubicle height to be 2003 mm.  Made from solid grade compact high pressure laminate as per IS:2046 and EN438- manufactured under high specific pressure > 5 MPa and temperature 120°C with bunch of kraft papers impregnated with thermosetting phenolic resin and decorative papers made of cellulose fiber impregnated with thermosetting melamine resin which provide superior scratch, abrasion, heat, chemical, impact, graffiti & moisture resistance along with antibacterial properties. Panels have a black core that when machined, presents a distinctive black edge.  Doors:  All doors will be of single colour and made of 12 mm thick HPL compact panel. The doors will have chamfered edges. Each door will be supported by 3 stainless steel made hinges affixed to the pilasters.	Item no 3.24 has to be quoted as per the item boq.

MPCB 3 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		Stainless steel made coat hook and door	
		knob are provided with each door.	
		Pilasters:	
		All pilasters will be made of 12 mm thick	
		HPL compact panel with chamfered edge	
		and completed with stainless steel made	
		thumb turn Lock set (comprised of Thumb	
		turn and occupancy indicator). Aluminum	
		made door stopper profiles with rubber	
		linings for dampening the noise while	
		door closing will be provided at the	
		vertical ends of the pilasters.	
4	Detailed drawing required for all-conference	Item no 10.32 - Providing and fixing in	Item no 10.32 has to be executed
	tables	position board room Table of size (11400	as per the BOQ.
		X 3200 MM) mm as per approved design	
		and shape given in the detailed drawing	
		consisting of:	
		Table Top – 65mm thick to be made of	
		two to three required layers of 19 + 19	
		+12 mm thick Marine Plywood covered	
		with 4 mm thick Approval Burl veneer on	
		top and 1 mm thick approved laminate at	
		the bottom. Edge of the Table Top is to be	
		finished with matching wooden moulding	
		of size 65 X 65mm. Entire Table Top is to	
		be finished with lamination Polish /	
		polyester resin polish (PU). above	
		exposed top fixing 18mm thick Onex with	
		edge polish etc. completed.	
		"Modesty panel of the Table is to be made	

MPCB 4 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		of 19+12 mm Thick Marine Plywood and	
		4 mm thick veneer of approved make. All	
		veneer and wooden surfaces are to be	
		finished with three or more coats of	
		melamine polish.	
		Additional supports below the Table Top	
		at suitable intervals are to be made of two	
		layers of 19+19 mm thick Marine	
		Plywood cladded with 4 mm thick veneer	
		and matching wooden moulding of size 46	
		x 12 mm finished with three or more coats	
		of melamine polish.	
		Cable Cubby Boxing/ Cable Tray/s below	
		the Table Top and at foot level are to be	
		made of 19 mm thick Marine Plywood	
		with 4 mm thick veneer finished with	
		three or more coats of melamine polish.	
		Inside of the Cable Trays are to be	
		finished with 1mm thick approved	
		laminate.	
		Foot rest is to be made of Brass rod of 50	
		mm dia / 19mm thk marine ply finish with	
		4mm thk veneer as per the drawing and	
		instructions of EIC/ PMC."	
		The entire item is to be completed in	
		totality with necessary materials/ labour as	
		detailed in the drawing including	
		necessary cut-outs for Monitors/ LAN/	
		Electrical outlets/ Goose neck	
		microphones as per drawing and	

MPCB 5 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		instructions of EIC/ PMC. Ball Bearing, Cut out for Cable Cabeez, Soft Closing hinges.	
5	Detailed drawings required for all doors		All the door items are to be quoted as per the BOQ.
6	Detailed drawing required for all partitions		All the door items are to be quoted as per the BOQ.
7	Sanitaryware fitting makes required for all partition		The Contractor has to quote as per the MAKES mentioned in the tender and as per specification mentioned in the BOQ.
8	CP fitting required the accessories model number		The Contractor has to quote as per the MAKES mentioned in the tender and as per specification mentioned in the BOQ.

MPCB 6 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
9	Can we get the project estimate		NA
10	Retention @ 10% is requested to be reduced to 5%	An amount equivalent to 10% of the value of each interim bill shall be deducted from interim bills of the contractor towards RMD, subject to a maximum limit of 10% of contract value inclusive of Initial Security Deposit.	Tender condition will prevail.
11	We have noted that the Undertaking is not provided on page 47. Kindly provide the format for the Undertaking as mentioned in the tender.	Contractor needs to submit the Undertaking for accepting all the tenders terms & condition on stamp paper as per the Format on page no. 47	The undertaking is provided on page no 64 which is to be submitted on requisite stamp paper.
12	15.2.1 Evaluation of Technical Bid Sr. No 3, Pg No. 13.  We would like to request that a Memorandum of Understanding (MOU) should be allowed for the experience of Electrical and Allied Services Works (MEP Works)	Electrical and Allied services works executed (MEP Works) 400 lakhs x 3 project 500 lakhs x 2 project 700 lakhs x 1 project	Tender condition will prevail.
13	15.2.1 Evaluation of Technical Bid Sr. No 4, Pg No. 13.  We request you to amend this point to: Establishment of the firm in Mumbai OR Navi Mumbai.	Establishment of the firm in Mumbai and Navi-Mumbai.	The condition has been modified to - "Establishment of the firm in Mumbai OR Navi-Mumbai".

MPCB 7 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
14	Cover Details, No. of Covers 2 Sr No. 2 Finance. Kindly confirm the exact documents that need to be uploaded under "Price Bid documents as per RFP". And "Other documents, if any.	Bidders are required to offer their best prices in terms of cost of the work including all taxes and levies as on the last date of submission of bid (detailed break-up of all applicable taxes and levies over and above the quoted price should be mentioned)	As per the tender documents only Price bid is to be submitted in Cover no 2.
15	BOQ, SR. No 2.32.  We request you to amend the item as "Providing and fixing double scaffolding system (cup lock type / H – Frame on the exterior side of building / structure.	Providing and fixing double scaffolding system (cuplocktype) on the exterior side of building / structure, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamp sand staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and / or pointing and / or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge /	Tender condition will prevail.

MPCB 8 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		PMC. Note:-(1)The elevational area of the scaffolding shall be measured for payment purpose. (2)The payment will be made once only for execution of all items for such works.	
16	Para 7 page no 8 Technical criteria of qualification.  1. Experience criteria shall be relaxed to the Contractors those are registered with central Govt / Maharashtra Govt / local body  2. As per method adopted in PWD tenders, The value of work done in last 7 years shall be enhanced at simple rate of 7 o/o per Annum to brought to current costing level.  3. Experience of all sub head in one single work shall be relaxed.	The Contractor shall submit experience certificate for execution of single Civil, Structural Glazing (Façade), Waterproofing, Interior, Electrical & HVAC with allied services works in Metropolitan cities in Maharashtra of similar nature consisting of Civil, Structural Glazing (Façade), Waterproofing, Interior, Electrical, HVAC & Allied works not less than Rs. 24 Crores OR Two similar works not less than 18 Crores Or Three similar works not less than 12 Crores in any Government/ Semi Government Department / PSU/ local bodies such as MPCB/MJP/CIDCO etc in last seven financial years signed by an officer not below the rank of Executive Engineer OR Similar works in Private Offices in last seven years signed by the Client not below the rank of Director.(Note: The weightage of costing for private works executed shall be considered 50% ie If the party has executed private work worth 100 lacs, then the same shall be considered as 50	Tender condition will prevail.

MPCB 9 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		lacs for the purpose of evaluation.)	
17	Para 7 page no 8 Technical criteria of qualification - Furniture work.  There is Significant quantity of furniture in this work. Hence Experience of Furniture work shall also be added in qualification criteria		Tender condition will prevail.
18	Required detailed qty of all furniture items.	Item No 1.10 - Dismantling old existing Loose & Fixed furniture works including table, side table, workstation, chair, storages, blinds, wallpaper, soft board, modular partition, pelmet, wooden ramp or any other item to clear the site etc including stacking the material and handed over to the MPCb and disposal of unserviceable material with all lift & leads etc. complete as per directed of EIC / PMC.	The agency has to visit the site and quote accordingly.
19	What type of RCC Work	Item No 1.11 - Removing all type of RCC works with reinforcement if required includes Slab, P.C.C. etc including concealed conduits, wiring, electrical boxes disposal of unserviceable material with all lift & leads etc. complete as per directed of EIC / PMC.	Need to be quote as per BOQ.

MPCB 10 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
20	Require details of HVAC Qty.	Item No 1.12 - Removing all types of HVAC Equipment's / works of any size including insulation, supports, grills with chiller pipes of any dia, ducting, stands, including stacking the material and handed over to the MPCb and disposal of unserviceable material with all lift & leads etc. complete as per directed of EIC / PMC.	The agency has to visit the site and quote accordingly.
21	Required detail of firefighting Qty .	Item No. 1.13 - Dismantling the existing firefighting equipment such as sprinkler hoose reel, sprinkler pipes, yard hydrant, sprinkler pump, hydrant pump, sprinkler jockey, hydrant jockey, siamese connection, breaching connection, wet riser, NRV etc including piping, wiring and storing the same including stacking the material and handed over to the MPCb and disposal of unserviceable material with all lift & leads etc. complete as per directed of EIC / PMC.	The agency has to visit the site and quote accordingly.
22	There is no demolition item in the tender - is this item is new requirement? Secondly, Any vertical and horizontal stiffner is required or not?	Item No 2.01 - Providing and constructing masonry in Autoclaved Aerated (Celluar) Concrete Block of ACC / UltraTech confirming to IS 2185 Part III 1984 of any size in extra fine jointing mortar of fix block of Western / ACC / UltraTech in superstructure including, striking joints, racking out joints watering and scaffolding etc. Complete as per directed	It's a new item. No stiffner is required.

MPCB 11 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
110		of EIC / PMC.	
23	As there is no demolition item is this item is new requirement & what is thickness of Block work, Secondly, Any vertical and horizontal stiffner is required or not?	Item No 2.02 - Providing Autoclaved Aerated Concrete Block masonry of ACC / UltraTech conforming to IS:2185 (Part3) - 1984 in extra fine jointing mortar of fix block of Western / ACC / Ultra Tech in Half brick thick wall including striking joints, raking out joints and scaffolding etc. Complete as per directed of EIC / PMC. (The test shall be carried out conforming to IS:6441 (Part I) - 1972)	It's a new item and vertical & horizontal stiffner need to consider while bidding.
24	Any vertical and horizontal stiffner is required or not?	Item No 2.03 - Providing first class Burnt Brick masonry with conventional / I.S. type bricks in cement mortar 1:4 including scaffolding, racking out joints pointing in C.M. 1:3 and watering in pillars of rectangular or square shape as shown on the drawing or as directed etc.complete as per directed of EIC / PMC	No stiffner is required
25	What will be height in wall and width on floor of coating?	Item No 2.13 - Providing and making 1:4 cement mortar coving added with polymer at the junction of floor and wall etc complete as per direction of EIC / PMC.	This item will be executed as per site condition.

MPCB 12 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
26	Required size of Collar.	Item no 2.16 - Providing and fixing drain collar of required size around the pipe sandwitched with waterproofing membrane. etc. complete as per direction of EIC / PMC.	Size of the pipe is upto 200 mm dia.
27	Required size of Tile and if specific pattern required pls specify. And pattern include 3mm spacer with grout will be considered or not?	Item No 2.17 - Providing and laying vitrified rustic matt stone finish tiles of Pavit, Somany, H&R Johnson of approved size and 8 to 10 mm thickness and confirming to IS.15622-2006 (GroupBla) of approved shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and cleaning etc. complete as per direction of EIC / PMC. (Basic Rate of Tiles 100/Sqft)	The selection of the tile will have made on as per basic rates mentioned.
28	Required size of Tile and if specific pattern required pls specify.	Item No 2.18 - Providing and laying vitrified mirror/glossy finish tiles of Pavit, Somany, H&R Johnson of approved size and 8 to 10mm thickness and confirming to IS.15622-2006 (groupBla)of approved shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete as per direction of EIC / PMC. (Basic Rate of Tiles 135/Sqft)	The selection of the tile will have made on as per basic rates mentioned.

MPCB 13 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No	D 1 1 1 0 0 0 1 1 1 1 1 1	77.10	
29	Required size of Tile and 15mm thk back coat of plaster will be considered in this item or not? Pls clear.	Providing & fixing in position Vitrified Tile Dado of Pavit, Somany, H&R Johnson in approved shape, thickness & colour and pattern in dado truly in plumb upto part or full height of wall with machine cut top edge as per the drawings over cement, sand. backing coat plaster of 15mm / required thickness in CM 1:4 proportion, including fixing with cement paste of required consistency to avoid any possibility of hollowness behind the tiles,	The selection of the tile will have made on as per basic rates mentioned.
20	Durvide Dand Coat Make and annification	filling the joints with white cement and matching color pigments including curing, scaffolding etc. complete as per drawing, specifications and as directed by the Engineer - In - Charge / PMC. (Basic Rate of Tiles 100/Sqft)	Make Asua Dand 150 / Hai
30	Provide Bond Coat Make and specification	Item No 2.23 - Providing and applying priming cum bonding coat of polymer of approved make and quality as approved by Engineer-in-charge and cement slurry in 1:1 proportionate by weight to concrete area by brush or any other established method etc. complete as per directions of Engineer In charge / PMC.	Make – Aqua Bond 150 / Uni Bond SBR.
31	Item to clear on description- granite is included in this item? Required detail	Item No 2.25 - Providing and laying Cast in situ/Ready Mix cement concrete M- 15 of trap/ granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed	This is item is of PCC for levelling the floor level.

MPCB 14 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		including steel centering, plywood/ steel	
		formwork compacting, roughening them if	
		special finish is to be provided, finishing	
		uneven and honeycombed surface and	
		curing etc. complete. The Cement Mortar	
		1:3 plaster is considered for rendering	
		uneven and honeycombed surface only.	
		Newly laid concrete shall be covered by	
		gunny bag, plastic, tarpaulin etc. (Wooden	
		centering will not be allowed.) With fine	
		aggregate (Crushed sand VSI Grade) etc.	
		complete as per directions of Engineer In	
		charge / PMC.	
32	Type of Granite? Or Basic rate required?	Item No 2.27 - Providing and laying in	Granite will be of Gang saw
		position Granite stone flooring from	material. Basic rate of Granite -
		Floorapia, A Cube Stone World, MRM of	Rs 300 sqft.
		approved shade and size 18 mm to 20 mm	
		thick on bed 1:6 cement mortar including	
		cement floats striking joints, pointing in	
		C.M. 1:3 curing and cleaning etc.	
		complete as per directions of Engineer In	
		charge / PMC.	
33	Joint is paper joint or Spacer is there?	Item No 2.30 - Providing and laying matt	Paper joint.
		finish ceramic tiles from Pavit, Somany,	
		H&R	
		Johnson of having size 30 cm x 30 cm	
		confirming to I.S.15622/2006 (group D II-	
		A) and 7 to 8 mm thick for flooring in	
		required position laid on a bed of 1:4	
		cement mortar including cement float,	

MPCB 15 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		filling joint with white/colour cement slurry cleaning curing etc. complete as per directions of Engineer In charge / PMC.	
34	If the work continues more than 1 month,	Item No 2.32 - Providing and fixing	As per note mention in the item i.e
34	If the work continues more than 1 month, what will be the mode of measurement?	double scaffolding system (cuplocktype) on the exterior side of building / structure, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S.tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamp sand staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and / or pointing and / or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge / PMC. Note:-(1)The elevational area of the	As per note mention in the item i.e  The payment will be made once only for execution of all items for such works.
		scaffolding shall be measured for payment	

MPCB 16 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No		(2)771	
		purpose. (2)The payment will be made	
		once only for execution of all items for such works.	
		Such works.	
35	Pls clear thickness and size of Tile and also	Item No 2.44 - Providing and laying 10,12	Basic rate of Paver tile – Rs 85 /
	design and pattern? Or required basic rate.	& 15 mm thk Vitrified Material paver tiles	sqft
		of Pavit Decor or Equivalent approved	
		make in all colours and shade in flooring,	
		skirting, dado, riser of steps, laid with	
		including required thickness of cement	
		mortar 1:4 bedding floated with neat	
		cement slurry, filling the joints with	
		matching color pigment mixed with	
		cement laid to perfect line and level &	
		pattern. No extra payment will be made towards wastage due to material pattern &	
		design. payment shall be made on finished	
		floor/wall area only. Rate shall be	
		applicable to all levels & heights etc	
		complete as per direction of EIC / PMC.	
36	Required size and thickness of Paver or	Item No 2.45 - Providing and Laying	Tender conditions will prevail.
	required basic rate ?	factory made coloured chamfered edge	•
	•	Cement concrete paver / grass blocks of	
		required strength, thickness & size/shape,	
		made by table vibratory method using PU	
		mould, laid in required colour & pattern	
		over upto 50mm thick compacted bed of	
		fine fine aggregate (natural sand/crushed	
		sand VSI grade finely washed etc.),	

MPCB 17 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		compacting and proper embedding/laying	
		of inter locking paver blocks into the fine	
		aggregate (natural sand/crushed sand VSI	
		grade finely washed etc.) bedding layer	
		through vibratory compaction by using	
		plate vibrator, filling the joints with fine	
		aggregate (natural sand/crushed sand VSI	
		grade finely washed etc.) and cutting of	
		paver blocks as per required size and	
		pattern, finishing and sweeping extra fine	
		aggregate (natural sand/crushed sand VSI	
		grade finely washed etc.) and complete as	
		per manufacturer specifications &	
		direction of Engineer-in-Charge / PMC.	
		60mm thick CC paver block of M-35	
		grade concrete with approved colour and	
		design & pattern.	
37	Required dwg for shelf detail and middle	Item No 3.15 - Providing & fixing in	Item to be executed as per item
	partition detail	position 460 mm deep storage / Wardrobe	working mentioned in the BOQ.
		unit along	
		with partitions etc with 1)	
		sides,top,bottom shelves made out of 19	
		mm marine plywood 2)6 mm thk. marine	
		ply backing panels 3) Shutters made out	
		of 19 mm thick block board & 6 mm thick	
		teakwood leaping with egde moulding of	
		approved profile if any shall be provided	
		in all exposed ply edge surfaces & be	
		finished with melamine polish / PU	
		coating.4) Finish 1mm thk laminate inside	

MPCB 18 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		& out side as per below mention. 5) hardwares such as heavy duty hinges of size 100 x 19 x 25 mm, brass body locks (Elpro make) with extra large group key of approved quality, magnetic ball catchers, handles of dia 12mm x 128mm, towerbolt 150mm etc. All exposed woodwork to be finished with 3 coats of melamine polish / PU coating & all internal surface finished with approved 1 mm thk laminate. All as per detailed drgs and instructions of EIC / PMC. Size in front elevelation will be measured for	
38	No dwg is attached, pls arrange for the same.	payment.  Item No 3.22 - Providing and fixing glazed partition made out of 10 mm thk clear glass with designs pattern as shown in drawing. Glass should fixed with required size of teakwood / wooden beading / moulding which finished with 3 coats of melamine polish / adhesive or any other fixing material to complete the works. Rate including cost of glass edge maching etc complete as per direction of EIC / PMC.	Item need to quoted as per the BOQ.
39	Frame size ?	Item No 5.01 - Providing and fixing best quality superior Indian teak wood frame for doors, windows and ventilators including all moulding, rebating, jointing, hold fasts of MS flats of minimum size 20	Item need to quoted as per the BOQ.

MPCB 19 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		x 3 mm, having length of 225 mm for	
		doors & 150 mm for windows and	
		finishing with 3 coats of French polish or	
		one coat of primer and synthetic enamel	
		paint in two coats as directed etc.	
		complete.	
40	Required dwg for glass.	Item No 5.04 - Providing & fixing door in	Item need to quoted as per the
		position 48mm thk Partly Glazed Partly	BOQ.
		Solid	
		door shutter of 45mm thk. door shutter	
		finish with 1.5mm thk. Laminate on both	
		sides with 12mm thk toughened glass	
		panel approved beading, grooves,	
		approved moulding, lipping patti	
		including necessary hardware, approved	
		adhesive, fitting & fixture Handel, Lock,	
		Floor Spring/door closer, door stopper,	
		tower bolt, hinges etc. melamine polish to	
		all exposed surfaces etc complete as per	
		detail drawing as specified & as directed	
		by Engineer- incharge / PMC. (48mm thk	
		= 1.5 + 45 + 1.5 mm thick Laminated	
		Flush doors). Note - The rate of hardware	
		will be paid seperately.	
41	Require dwg	Item No 5.15 - Window / Door will be	Item need to quoted as per the
		fixed to the wall with 100mm long and	BOQ.
		8mm dia.	
		Fasteners and complete in all respect as	
		per direction of Engineer-In-Charge.	
		uPVC Window and Door Profiles are	

MPCB 20 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
110		warranted for a period of ten (10) years against non-uniform discoloration, wrapping and rotting under general use etc complete as per direction of Engineer in Charge / PMC.  3 Track with Mesh- 2 or 3 Glass Sash + 1 Mesh Sash (Each sash shall be half of width of window) (Big Series) Window frame of size 122 x 54 mm & Sash of size 64 x 47 mm. (Note Glass sash	
		depend as per site condition)	
42	Require dwg	Item No 5.16 - Providing and fixing of factory made uPVC Louver window (White Colour) comprising of uPVC multi-chambered with wall thickness of 2.3mm (+-0.2 mm), duly reinforced with 1.5 mm thick G. I. Section. uPVC window & door profile shall be made in India & shall conform to BS EN 12608 and other standards as mentioned below: S.No. Name of the test Test Method Specifie Parameter  1 Tensile Impact Strength ISO 8256 - more than 700Kj/m2  2 Vicat Softening Temperature EN ISO – 306 Shall not be < 750C  3 Charpy Impact Strength EN ISO – 179-2 Shall not be < 20KJ/m2  4 Flexural Modulus Elasticity EN ISO –	Item need to quoted as per the BOQ.

MPCB 21 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No		178 Shall not be < 2200 N/mm2 5 Mean	
		Breaking Stress for welded corner	
		(a) For the tensile bending test $EN - 514$	
		Shall not be < 25 N/mm2	
		(b) For the compression bending test Shall	
		not be < 30N/mm2 6 Heat Reversion Test	
		IS:4985-2000 Shall not be > 2.0 %	
		7 Surface Spread of flame BS: 476 - Part	
		7 Classification 1	
		8 Ignitability Evaluation BS : 476 - Part 5	
		'P' Not easily ignitable	
		9 Tensile modulus ASTM D 638 Shall not	
		be < 35 MPa	
		10 Shear Modulus ASTM D 732 Shall not	
		be < 220 MPa	
		11 Tensile Strength EN ISO 527 Shall not	
		be < 30 MPa. All corners of frame shall	
		be fusion welded. Both vertical sides of	
		the frame, adjustable louver mechanism	
		having one lever or fixed louver bracket shall be fitted with the of 4 mm Frosted	
		Annealed glass. Window will be fixed to	
		the wall with 100mm	
		long and 8mm dia. Fasteners and	
		complete in all respect as per direction of	
		Engineer-In-Charge.	

MPCB 22 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
	Painting will be considered in this item or not ? As painting item is already there.	Item No 6.01 - Providing and fixing in position Gypsum board false ceiling with 12.5 mm thick Gypsum boards, screwed/fixed to the under structure of suspended G.I. Grid constructed and suspended from the main ceiling consisting of ceiling sections of size 25 x 50 mm maximum center to center distance of 600 milimetre perimeter channel and intermediate channels at maximum center to center distance 1200 milimetre galvanized grid should be fixed to reinforced cement concrete slab. The gypsum board should be fixed to galvanized iron grid with necessary screws. The boards should be taped and filled from underside to give smooth, seamless ceiling. The rate should include necessary additional ceiling sections and intermediate channels. Additional intermediate channels should be fixed to strap hangers for additional	Addendum / Reply  Painting item will be paid separately.

MPCB 23 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
44	Require dwg (size of Aluminium pipe, pls specify which type of Ply?	Item No 6.05 - Providing and fixing Wooden rafter or ceiling at all height including providing and fixing of aluminium frame work and rafter made up of ply using 9/12/19 mm with complete hardware fitting etc complete as per direction of Engineer - in - charge	Item need to quote as per item description. Marine ply needs to be used.
45	Required dwg/size of Pelment.	Item No 7.01 - Supplying, Providing & fixing in position upto 350 mm wide laminate finish pelmets / jamblining made out of 19mm thick marine plywood finished with approved finish mention below and 3 coats of French polish for inside surface as per the direction by Architect. Item to be completed in all respect as per the drawing & instruction from EIC / PMC.  Item No 7.02 - Supplying, Providing & fixing in position upto 350 mm wide Veneer finish pelmets / jamblining made out of 19mm thick marine plywood finished with approved finish mention below and 3 coats of French polish for inside surface as per the direction by Architect. Item to be completed in all respect as per the drawing & instruction from EIC / PMC.	Size of the pelmet is upto 300 mm.

MPCB 24 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
46	Fabric basic rate ?	Item No 7.03 - Providing and fixing in position 12mm thk soft board panelling with approved adhesive, partition surface including fabric cover, wood beading finished with melamine polish of approved shade etc. complete as per drawings & directions by EIC / PMC.	Basic rate of fabric – 950 / Rmt
47	Required dwg and detail of Artificial picture or required basic rate for the same.	Item No 7.07 - Providing & fixing Artificate / Picture frame like Artifical Picture Frame, murals etc. as per shown in drawing & manufacturers specification etc complete as per direction of EIC / PMC.	Basic rate of Artifacts / Picture frames – Rs 4000 / Nos.
48	7th floor? Pls clear number of the floor	Item No 7.12 - Proving and applying pest control services including manpower, equipments and cosumable chemical on 7th floor Rear Wing complete as per directed and scope of work etc complete as per direction of Engineer - in - charge / PMC.	Total building is G + 5 upper floor.  Per floor plate size approx. 7000 sqft.
49	Suggested for Rectangular pipe instead of T & L.	Item No 8.01 - Providing, supplying, fabricating and fixing panel of aluminium composite panel cladding in approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core following NBC part 4 Fire and Life Safety (having 2 hours fire resistance in accordance to ASTM E119-12 and EN13501-1 Class B S1 D0) sandwiched	Contractor can used T & L or Rectangular pipe as per site condition and manufacture specification.

MPCB 25 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		between two Aluminium sheets (each	
		0.5mm thick of AA3105/AA5005 grade).	
		The Aluminium composite panel cladding	
		sheet shall be coil coated, with Kynar 500	
		based PVDF/Lumiflon based	
		fluoropolymer resin (having 70:30 ratio of	
		PVDF and Acrylic) coating of approved	
		colour and shade on	
		top face and polymer (Service) coating on	
		bottom face as specified using stainless	
		steel screws, nuts, bolts, washers, cleats,	
		weather silicone sealant, backer rods,	
		aluminium frame etc. Overall weight of	
		the ACP shall not be less than 7.5Kg per	
		SQM. Installation of ACP panels will be	
		done by recommended Aluminum T	
		section of 100x50x2 mm thick and L	
		section 50x50x2mm thick held by	
		Aluminum Wall Bracket with Wind load	
		and Dead load slot as per design,	
		anchored by standard anchor fasteners etc	
		complete	
		as per direction of EIC / PMC.	
50	Suggested for Rectangular pipe instead of T	Item No 8.02 - Supply and Installation of	Contractor can used T & L or
	& L.	High Pressure Laminate of 6mm thick	Rectangular pipe as per site
		Exterior	condition and manufacture
		grade F- Quality panels of standard size	specification.
		with both side décor. The Panels shall be	
		perforated as per the design of the	
		Architect. FunderMax Exterior panels are	

MPCB 26 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		duromer high pressure laminates (HPL) as	
		per EN 438- 6 type EDF manufactured	
		with norm conformity of EN 438-7 using	
		patented NT Technology (NT is Non	
		fading high performance acrylic	
		polyurethane surface Technology). Panels	
		will be double hardened including acrylic	
		polyurethane resin and thermally cured	
		under high pressure. These Panels will	
		have CE-Mark necessary for their use in	
		building applications. Installation of	
		FunderMax panels will be done by MBE	
		Rivets (with Fixed and Sliding Points)	
		with recommended Aluminum T section	
		of 100x50x2 mm thick and L section	
		50x50x2mm thick held by Aluminum	
		Wall Bracket with Wind load and Dead	
		load slot as per design, anchored by	
		standard anchor fasteners along with	
		Thermal Separator. Installation of	
		FunderMax Panels will be done using	
		Rear Ventilated Principles only, which is	
		ensured by providing ventilation gap	
		minimum 200 cm2/ per Meter (for free	
		flow of air behind the façade) for the	
		façade and using the framework with no	
		horizontal section etc complete as per	
		direction of EIC / PMC.	

MPCB 27 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
51	Required dwg	Structural Glazing (Building Façade)	All the structural glazing item needs to quoted as per the item mentioned in the BOQ.
52	As unit is mentioned Nos, required joints length or mode of measurement.	Item No 9.02 - TREATMENT TO TERRACE CONCRETE DEFECTS LIKE CONSTRUCTION JOINTS COLD JOINTS, HONEY COMBS & POROUS CONCRETE. All construction joints, honey combs, cold joints, after casting shall be treated by hacking open the affected area to sound concrete, fixing nozzles and grouting the same, under pressure with cement slurry mixed with plasticizer, and non shrink additive. etc complete as per direction of EIC / PMC	The item will be measured in RMT.
53	Mode of mm if it will be erected more than 1 month.	Item No 9.07 - Providing and fixing Providing and errecting bamboo scafolding All complete as per approval of designer & instruction of Engineer-incharge / PMC.	The payment will be made once only for execution of all items for such works.
54	Required dwg/size of Reception table.	Item No 10.01 - Providing and placing in position Reception Table of required shape and size, vertical, top and bottom made of 19mm thk BWP marine grade plywood finished with approval Veneer on both side, the edge of top finished 12	Size of the reception table 1800 x 600 mm.

MPCB 28 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
		x30 MM thick matching wood	
		beading, the top finished in PU above	
		18mm thick glass top.	
		The Reception table verticle, flap, Foot rest	
		are in 19mm thk BWP marine grade	
		plywood finished with Approval Veneer	
		internal side and external above 6mm	
		thick toughfned color back painted glass	
		the edge of finished 12 x30 MM thick	
		veneer matching beading. provision Flap	
		shutter shall be provided for Services,	
		electrical, cabling cutouts as per the	
		drawing. All the exposed wood work are	
		to be finished with three or more coats	
		melamine polish. The entire item is to be	
		completed in totality as per the drawing	
		and directions of the EIC/PMC.	
55	Required dwg/size of Sample reception	Item No 10.02 - Providing and fixing in	Size of the sample reception table
	table.	position Sample reception Table as per the	1300 / 1500 x 600 mm.
		approved design, size and profile given in	
		the detailed drawing consisting of:	
		Table top – 25mm thick to be made of	
		18mm + 6mm thick BWP marine grade	
		plywood covered with 1mm thick	
		approved laminate. Modesty Panel –	
		18mm thick is to be made of BWP marine	
		grade plywood covered 1mm thick	
		laminate. the modesty, Gable ends 25mm	
		thick are to be made of two layers of 19	
		mm thick BWP marine grade plywood	

MPCB 29 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		covered with laminate on both the sides. The edge of the table top is to be finished with 30x25mm profiled moulding of matching wood. All wooden surfaces are to be finished with three or more coats of melamine polish. Pedestail unit in 19,12,9MM thick marine grade plywood with 3 nos. of drawer, Both side finish laminate finish etc, Electrical/ LAN cables tray are to be made as detailed in the drawing. Item includes hardware like soft closing drawer channel, cable manager etc. The entire item is to be completed in totality as per the architectural drawing and directions of the EIC/ PMC.	
56	required dwg	Loose Furniture	All the loose furniture item needs to be quoted as per item wording mentioned in the BOQ.
57	Required reference image of all chair items	Chairs & Sofas	Selection of chairs & sofa will be done at the time of execution.  Agency need to quote as per approved make and item wording.
58	switchboards to be metal-clad or modular plastic?	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 1 module duly erected flush to wall with required chiselling and finishing with cement	Metal clad.

MPCB 30 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		mortar / POP as per required to match the background.	
59	Length of Point wiring	Item No 12.34 - Point wiring for light/bell concealed type in min 20 mm FRLS grade HMS PVC conduit with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WGPW/CW	Item is in number. Item need to be quote as per item wording.
60	Required SLD	Main Panel	The item is self-explanatory. Agency need to quote accordingly.
61	Required make	Item No 13.42 - Supplying, erecting, testing and commissioning of 10kW, 3 x 3.3 KW AC Electric Vehicle charger (suitable for 2/3/4 wheeler) having minimum IK08/IP 54 Protection suitable for three phase, 415V AC, 50Hz incoming and 3nos. output as per IEC 60309 industrial sockets having capacity of outputcurrent of 16A 240V AC at each socket with 3.5"TFT touch screen for human interface & LED Light for status indication and metering for measurement	Ather Energy, Tata Power EZ charge, Jio-Bp Pluse

MPCB 31 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		ofconsumed energy having metering	
		accuracy +/-1%, one hour battery backup	
		for communication, emergency push stop	
		button and having	
		short circuit, over & under voltage,	
		overload, over temperature, earth leakage	
		protection and enclosure made of	
		minimum 1.5mm duly RAL7035 Coated	
		M.S, Erected on iron/GI frameon provided	
		cement concrete foundation complete with	
		one year on site warranty, confirming to	
		IS 17017 Series as	
		per specification.	
62	This is a high value project & involves	A mobilization advance up to 10 % of the	Tender conditions will prevail
	major expenses to start the work -	contract value can be paid by the client on	
	Requesting you to consider the mobilisation	request of the Contractor against Bank	
	advance of 20% against the ABG ( Advance	guarantee. This advance shall carry a	
	Bank Guarantee) instead of 10 %. Also	simple interest of 10% p.a. and secured	
	requesting you to waive off simple interest	against Bank guarantee issued by a	
	on advance payment as the bidder would be	Nationalized / Scheduled Bank of	
	submitting ABG.	principal plus interest. The mobilization	
		advance shall be recovered	
		proportionately from interim bills so that	
		the entire amount and interest thereon	
		shall be recovered when 80% of the work	
		is completed and billed or within 4	
		months from date of commencement.	

MPCB 32 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
<b>No</b> 63	Please consider max 5% instead of 10% of the contract value considering that the profit margin itself is paper thin due to competition nowadays	Liquidity Damages	Tender conditions will prevail
64	Requesting for processing the RA bills within 45 days of bill submission & Final bill within 60 days of bill submission	Payment terms - Running Account Bills & Final bill payment	Tender conditions will prevail
65	Requesting you to consider min value as 1 crs for the interim bill value to facilitate the cash flow of the bidder	Minimum value of first and second running bills shall be at least 10% of work order value and subsequent bills shall be 15% of the work order value. Any bill of lesser amount shall be processed or rejected as per Project-in-charge's description.	Tender conditions will prevail
66	Employees salary statement / bank statement is very private and cannot be disclosed as per HR employee policy hence requesting you to accept letter on Bidders's letter head regarding details of permanent manpower	Permanent employee strength of the party( should be working in the firm from past 4 years)	Agency needs to submit on their Letterhead showing the average salary of permanent employee.
67	Pls clarify whether the presentation in soft copy needs to be uploaded in the tender portal during online tender submission or the bidder would be called to give presentation and submit presentation copy afterwards.	Technical presentation by the prospective Bidder	Bidder will be called for presentation.

MPCB 33 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
68	Lab Furniture		Lab table is as per standard
	1. Lab benches need to be marked on		specification of OEM.
	the layout.		
	2. Information of the configuration of		
	each table is required, for ex:- no. of		
	storages, sinks, racks, sockets etc.		
	3. Exact dimensions of each bench as		
	per usage inside lab, for ex:- sitting		
	height work to be done or standing		
	height, depth of table.		
69	Limitation of Liability clause is not		Not Applicable.
	mentioned in tender doc which is a standard		
	clause in any contract. Kindly include in		
	contract terms. The aggregate total liability		
	of the Contractor to Owner under the		
	Contract shall not exceed the total Contract		
	Price, except that this Clause shall not limit		
	the liability of the Contractor for following:		
	(a) In the event of breach of any Applicable		
	Law. (b) In the event of fraud, wilful		
	misconduct or illegal or unlawful acts, or		
	gross negligence of the Contractor or any		
	person acting on behalf of the Contractor;		
	or (c) In the event of acts or omissions of the		
	Contractor which are contrary to the most		
	elementary rules of diligence which a		
	conscientious Contractor would have		
	followed in similar circumstances; or (d) In		
	the event of any claim or loss or damage		
	arising out of infringement of Intellectual		

MPCB 34 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
	Property; or (e) For any damage to any third party, including death or injury of any third party caused by the Contractor or any person or firm acting on behalf of the Contractor in executing the Works. Neither Party shall be liable to the other Party for any kind of indirect or consequential loss or damage like, loss of use, loss of profit, loss of production or business interruption which is connected with any claim arising under the contract.		
70	BOQ is silent on the insulation for cu piping we shall be considering 19mm thick plain nitrile rubber insulation, pls confirm	Item No 16.02 - Supplying & erecting seamless outside & inside, smooth, dry and clean copper pipe with ROHS compliant suitable for refrigerant having 22SWG thickness and inner dia /size 16mm complete	Consider 19mm thk Nitrile Rubber Insulation.
71	For cu piping - BOQ calls for multicoating against mechanical damages - request you to please specify the type of coating to be considered	Supplying, laying/fixing, testing and commissioning of appropriate nominal refrigerant copper pipe of 41.3mm dia (OD) for liquid line/suction line supply and return piping of suitable gauge (hard copper pipe for liquid main line and soft copper pipe for refrigerant) along with necessary supports, hangers, clamps, vibration isolators and fittings such as bends, tees, valves, gauges, strainers with insulation of 19mm thick elastomeric nitrile rubber along with application of multicoating of VRV/VRF piping for	Anti Corrosive coating

MPCB 35 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		protection against mechanical damages, fungal growth, flame spread, water permeance and ultra violet radiations with OEM standards of VRV/VRF air conditioning system complete.	
72	We shall be quoting for CBRI approved fire damper - pls confirm	Supplying, Fixing, testing and commissioning of fire dampers in supply air duct/main branch and return air path as and where required of required sizes i/c control wiring, the damper shall be motorized and spring return so as to close the damper in the event of power failure automatically and open the same in case of power being restored. The spring return action shall be inbuilt mechanism and not externally mounted. The damper shall also be closed in the event of fire signal complete as required and as per specifications.	We are OK with CBRI Approved makes.
73	HVAC VRF We seek approval for Carrier / Toshiba	Daikin, Mitsubishi, O-General	Tender conditions will prevail
74	Cabling - Please confirm the make to be considered, make list is silent on the same	Polycab, KEI, RR	Tender conditions will prevail

MPCB 36 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
75	Ducting - Can we consider Ductofab/ Gpspira /Truestar as make list is silent on the same		Makes – Ductofab / Gpspira / Truestar
76	Grilles & diffuser & ADP products - Please confirm the make to be considered, make list is silent on the same		System Air / Caryaire / Airflow / Dynacraft / Cosmos.
77	Fire damper - Please confirm the make to be considered, make list is silent on the same		System Air / Caryaire / Belimo / Dynacraft / Ruskin / Trox
78	Drain piping - Can we consider Prince/Supreme as make list is silent on the same	Prince, Supreme	Tender conditions will prevail
79	Inline fans & Axial fans - Please confirm the make to be considered, make list is silent on the same		Kruger / Nicotra / Greenheck / Dynair Maico.

MPCB 37 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
80	All the Single Modules Selected Should have Minimum 2 Compressors that is 16HP,18HP,20HP	Supplying, erecting, testing and commissioning of 16HP, 18HP & 20HP VRF/VRV air conditioning system outdoor unit (ODU) complies type-IV OEM standards working on HFC refrigerant R410A or other required/suitable green equivalent refrigerant, for minimum cooling capacity as delivering 100% capacity at 35° C, non stop cooling even at 52° C and coefficient of performance (COP) 3.00 to 4.00, modular type vertical hot air discharge suitable for longer piping range upto 1000 metre operation in cooling mode with inverter/digital VRF/VRV technology microprocessor based control compressor starter/control panel with scroll compressor, air cooled copper condenser coil of suitable shape for increasing maximum heat transfer area, rain protection cover, built in oil separator, accumulator and oil receiver, copper tube aluminium fin air cooled condenser, condenser fan with motor suitable for 415V±10%, 50 Hz, 3 phase power supply (all suitable for high ambient conditions), internal copper refrigerant, its also include the lifting and shifting of ODU to terrace etc. all housed in powder coated weather proof	Yes we can have 2 compressors

MPCB 38 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
NO		cabinet complete.	
81	Models from 22HP to 28HP Should have	Supplying greating tasting and	Please kindly follow the item
81	Minimum 2 ODU Combination	Supplying, erecting, testing and	· ·
	Willimium 2 ODO Combination	commissioning of 22HP to 28HP, VRF/VRV air conditioning system out	description as given in BOQ.
		door unit (ODU) complies type-IV OEM	
		standards working on HFC refrigerant	
		R410A or other required/suitable green	
		equivalent refrigerant, for minimum	
		cooling capacity as delivering 100%	
		capacity at 35° C, non stop cooling even	
		at 52° C and coefficient of performance	
		(COP) 3.00 to 4.00, modular type vertical	
		hot air discharge suitable for longer piping	
		range upto 1000 metre operation in	
		cooling mode with inverter/digital	
		VRF/VRV technology microprocessor	
		based control compressor starter/control	
		panel with scroll compressor, air cooled	
		copper condenser coil of suitable shape	
		for increasing maximum heat transfer area, rain protection cover, built in oil	
		separator, accumulator and oil receiver,	
		copper tube aluminium fin air cooled	
		condenser, condenser fan with motor	
		suitable for 415V±10%, 50 Hz, 3 phase	
		power supply (all suitable for high	

MPCB 39 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
		ambient conditions), internal copper refrigerant piping, internal wiring and refrigerant, its also include the lifting and shifting of ODU to terrace etc. all housed in powder coated weather proof cabinet complete.	
82	The System Should have VRT Technology for Energy Efficiency		Please kindly follow the item description as given in BOQ.
83	Bidder Should Submit Authorization letter for supply of equipment from OEM(Original Equipment Manufacturer) In the name of their Agency		Yes
84	Name required of the granite stone	Providing and fixing machine cut machine polished Granite stone from Floorapia, A Cube Stone World, MRM of approved shade and size 18 mm to 20 mm for treads and risers of steps and staircases of approved colour and shade with full moulding, nosing and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete. as per directions of Engineer In charge / PMC.	Granite will be of Gang saw material. Basic rate of Granite – Rs 300 sqft.

MPCB 40 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
85	PVC Starke Board - Thickness required		PVC Strake board of 9mm thk.
86	Make/supplier details or basic rate required	12.5 mm thk Rejection Acoustic board	Makes – Armstrong, Saint Gobain, Ecophon
87	Basic rate required	Providing and applying TEXTURED paint of approved colour & shade to old and new surface including scaffolding preparing the surface to finishing with 2 coats etc complete as per direction of Engineer - in charge / PMC.	Basic Rate Rs 60 / sqft
88	Window schedule required along with window sizes & quantities		Item is in sq mt. Agency needs to quote as per BOQ.
89	Please confirm if the dusbins are MS perforated ones	Providing & arranging in position dust bins out of perforated (min Size 350 mm dia x 400 mm Height). Item to completed in all respect as per drg & directions of EIC / PMC.	SS perforated dust bin.

MPCB 41 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No			
90	Basic rate required of the wallpaper	Providing, fixing, applying by Company Trained Technicians, premium Wall Covering (Wall Fabric), as per details in attached specifications, or as per detailed specifications and colours attached, or approved equivalent, of approved colour, texture and design, including base and sub-base preparation(on top of existing P.O.P surface), all complete, in a neat and workman like manner, as per directions of Engineer-In-Charge / PMC.	Basic Rate of Wall paper Rs. 100 / Sq ft
01	Dimensions I V II V W required of the	<u> </u>	The agency has to visit the site and
91	Dimensions- L X H X W required of the mobile storage along with quantities of each double/ single unit	Removing of existing unit & Re - Installing of Mobile Storage System in Record room with all leads and lifts consisting of -:  1) Mobile Unit Double face 2) Mobile Units Single face 3) Fixed Units Single face Unit will have 5 Nos. adjustable shelves. The unit to have mechanical assisted drive. The whole system should be made of various components each of them should be treated by antirust treatment before applying the approved coloured powder coating. The whole system should be as per the actual site visit done by agency, approved drawing and detailed specification mention in the tender document with 12 months Warranty. The rates coated should be inclusive of all	The agency has to visit the site and quote accordingly.

MPCB 42 SIGNATURE OF CONTRACT

Sr. No	Query raised by Contractor	As per Tender	Addendum / Reply
140		taxes, freight and transportation etc complete as per direction of Engineer - in - charge.	
92	Size required of the counter (qty being in no.s) along with detail drawing.	Providing and fixing Running Counter 6000mm in width. Table top is to be made of 19mm thick Marine Plywood IS710 plywood finished with 1mm thick laminate and drawer unit, tea tray, pencil tray, pullout tray, pedestal unit, footrest. All drawers to be in plywood with 19 mm in front & 12mm thk in rear & sides and bottom in 6 mm thk. Plywood Internal surfaces to be Laminate. The modesty vertical 350MM, with s.s.stand mat finish. Item includes hardware like soft closing drawer channel, cable manager etc. The entire item is to be completed in totality as per the drawing and directions of the EIC/PMC	Running counter of width 600 mm & ht 750 mm
93	Criteria For Minimum Eligibility And Bid Responsiveness	The Contractor shall submit experience certificate for execution of single Civil, Structural Glazing (Façade), Waterproofing, Interior, Electrical & HVAC with allied services works in Metropolitan cities in Maharashtra of similar nature consisting of Civil, Structural Glazing (Façade), Waterproofing, Interior, Electrical,	The Contractor shall submit experience certificate for execution of single Civil, Structural Glazing (Façade), Waterproofing, Interior, Electrical & HVAC with allied services works in Metropolitan cities in Maharashtra of similar nature consisting of Civil,

MPCB 43 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
No		HVAC & Allied works not less than Rs. 24 Lakhs OR Two similar works not less than 18 lacs Or Three similar works not less than 12 lacs in any Government/ Semi Government Department / PSU/ local bodies such as MPCB/MJP/CIDCO etc in last seven financial years signed by an officer not below the rank of Executive Engineer OR Similar works in Private Offices in last seven years signed by the Client not below the rank of Director.(Note: The weightage of costing for private works executed shall be considered 50% ie If the party has executed private work worth 100 lacs, then the same shall be considered as 50 lacs for the purpose of evaluation.).	Structural Glazing (Façade), Waterproofing, Interior, Electrical, HVAC & Allied works not less than Rs. 24 Cr OR Two similar works not less than 18 Cr Or Three similar works not less than 12 Cr in any Government/ Semi Government Department / PSU/ local bodies such as MPCB/MJP/CIDCO etc in last seven financial years signed by an officer not below the rank of Executive Engineer OR Similar works in Private Offices in last seven years signed by the Client not below the rank of Director.(Note: The weightage of costing for private works executed shall be considered 50% ie If the party has executed private work worth 100 lacs, then the same shall be considered as 50 lacs for the purpose of evaluation.).

MPCB 44 SIGNATURE OF CONTRACT

As per Tender	Addendum / Reply
CONTROLLER AND DISPLAY SYSTEM: The unit is fitted with a microprocessor based digital electronic temperature controller cum indicator for easy readability along with audio-visual alarm system. The controller should have the facility to set temperature and humidity value and also the safety limits for temperature and humidity. The temperature control to be within +/ 10C at the sensing point. An audible alarm should be provided in the event of actual values exceeding the set limits, connected to the main building and security guard room. In the event of failure of the main mechanical refrigeration system or dehumidification device, the switch over to standby system should be automatic with indication of failure of main system.In the event of power failure,module should have delayed start in a sequesnce so that power lines are not loaded. FABRICATED STEEL WORK:  Supply, Fabrication, Cutting, Welding, Erection at site and cold compound	Makes – EPACK Prefab, Blue Cold or equivalent

MPCB 45 SIGNATURE OF CONTRACT

Sr.	Query raised by Contractor	As per Tender	Addendum / Reply
<b>No</b> 95	Name & Contact detail of Person to meet at site.	Electrical work comprising of necessary SFU/ starter for the indoor and outdoor units along with suitably sized cable and earthing from SFU to starter and up to motor. (Note: Only incomig cable along with earthing will be provided by electrical contractor at the SFU wherever you require at one place)	A site visit is scheduled for 17/03/2025 between 11 am to 5 pm. You are permitted to take site photos which will be acknowledged by the below mentioned personnel of MPCB and the same has to be uploaded along with the tender.  1. Mr. Sandeep Rane -
			8169461746 Address – MPCB Central Laboratory at Mahape, Navi Mumbai.

Note: - The above addendum is the part of existing tender document, thus contractor should sign and submit / upload the same with tender document.