

**Reserve Bank Of India
Estate Department
New Delhi**

Name of the work : Construction of an Auditorium at ground floor in M.O.B.

S.No.	Description	Qty	Unit	Rate	Amount
1.	DISMANTLING OF BRICK WORK Dismantling of brick wall in cement mortar, including glazed tiles, cement plaster and disposal of unserviceable material as directed.	5	cum		
2.	Dismantling of door / window / partitions Dismantling of existing door / window shutters and partitions with frames, architraves, hold fasts, fixtures and stacking as directed.	200	sqm		
3.	REMOVING OF PLASTER Removing of existing cement plaster of any thickness and disposal of unserviceable materials as directed.	30	sqm		
4.	DISMANTLING OF TILE DADO Dismantling of existing tile dado including removing base in cement mortar and stacking of serviceable material and disposal of unserviceable material as directed.	30	sqm		
5.	DISMANTLING OF FLOORING & SKIRTING Dismantling of existing flooring and skirting including removing base in cement mortar of any depth etc. and stacking of serviceable material and disposal of unserviceable material as directed.	20	sqm		
6	DISMANTLING OF FALSE CEILING Dismantling of existing false ceiling including suspenders, cornices, lighting fixtures, conduits, AC grills etc. and stacking as directed.	150	sqm		
7	DISMANTLING OF CEMENT CONCRETE Demolishing CC 1:3:6 or richer mix including disposal of unserviceable material as directed.	4	cum		

8	DISMANTLING OF RCC Dismantling of RCC work in lintel, beams, counters, slabs, etc. including cutting of reinforcement steel and stacking of serviceable material and disposal of unserviceable material as directed to municipal dumping ground.	0.5	cum		
	(A) TOTAL FOR DISMANTLING			Total Amount (A)	
	ACOUSTICAL TREATMENT				
9	P/f of 600x600 Advantage A 15mm thk tiles on 15mm GI powder coated T grid system. The grid to be fixed @ 600c/c both ways The T grid system & the colour of tiles to be: White. The grid to be suitably suspended with the help of GI wire & level adjuster fixed with nut bolts @ & hanger clip etc complete as per instructions of Engg. Incharge	90	Sqmt.		
10.	P/f of 12.5mm GRG gyp board on the framework made of special sections power pressed from MS sheet and galvanised in accordance with zinc coating as per 1s:277 and consisting of angle cleats of size 25mmx1.6mm with flanges of 22mm & 37mm at 1200mm center to center one flange fixed to the ceiling with dash fasteners 12.5mm dia 40mm long with 6mm dia bolts to the angle hangers of 25x25x3mm of required length and other end of angle hanger being fixed with nut and bolts to GI channels 45x15x.9mm running at the rate of 1200mm center to center to which the ceiling section 0.5mm thk bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm center to center shall be fixed in a direction perpendicular to GI channel with connecting clips made out of 2.64mm dia 230mm long GI wire at every junction including fixing the gypsum board with ceiling section & perimeter channels 0.5mm thk 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm center to center with 25mm long driveall screws @230mm interval including jointing & fixing to a flush finish, finishing with recommended filler, paper tapes , finisher and two coats of primer as per manufacturers	70	Sqmt.		

	specifications. The board to be backed with 25mm Thermal bonded polyester wadding micron fiber of 1000gsm and also including the cost of making openings for light fittings , grills , diffusers, cutouts made with frame of perimeter channels suitably fixed all complete as per drawings and specifications and directions of engineer in charge but excluding the cost of painting. No deduction for the cutouts will be made upto 0.5 Sqm area.				
	STAGE CEILING TREATMENT				
11	<u>STAGE CEILING</u> P/f of Acoustical wood wool tiles 1200x600x25mm having density of 400kg/cum with overlay of 25mm 1000Gsm thermally bonded polyester wadding micron on the existing suspension grid.	50	Sqmt.		
12	P/f of 4mm thick steam beach ply glued to 12 mm com. ply fixed over a framework of 50x50 Kail Wood Batten Work at 600(V)x600(H) mm centers, jointed with each other by mathani cut(lap joint) method. Framework filled with 50mm thk 1000gsm Mikron fiber. Mikron fiber to be held in position with chicken wire mesh of 18mm , 24SWG. The framework to be supported on the wall with angle cleats @ 1200mm c/c of size 75 mm long 35x35x5mm angle & MS anchor fasteners of size 75m x10mm dia. The cleats to be given two or more coats of red oxide primer. The kail wood to be given a coat of undiluted fire-retarder primer Viper FR881 of Navair@3.5 Sqm per ltr. The exposed veneer to be finished in matt melamine polish, all inclusive in the above item	120	Sqmt.		

13.	P/f of 75x15mm maple wood slats at 90mm centers backed with viola cloth fixed over a framework of 50x50 Kail Wood Batten Work at 600(V)x600(H) mm centers jointed with each other by mathani cut method. The framework to be filled with 50mm thk 1000gsm Mikron fiber the micron fiber to be held in position with chicken mesh of 18mm & 24SWG. The framework to be supported on the wall by means of angle cleats@ 1200mm c/c of size 75 mm long 35x35x5mm angle cleats & MS anchor fasteners of size 75m x10mm dia. The cleats to be given two or more coats of red oxide primer. The entire work to be executed as per the drgs / instructions of the engineer in charge. The kail wood to be given a coat of undiluted fire-retarder primer Viper FR881 of Navair@3.5 Sqm per ltr.	20	Sqmt		
14.	P/f of fabric panel over a frame work of kail wood batten work at 600(V) x 600H) mm center filled 50mm thk 1000gsm Mikron fiber the micron fiber to be held in position with chicken wire mesh of 18mm 24SWG. As per the drgs the frame work to be supported from the wall with 35x35x5mm angle hold fasts fixed wall with angle cleats and anchor fasteners. The hold fasts to be given two coats of red oxide primer. The kail wood batten work to be given a coat of undiluted fire retarder Viper FR881 of Navair @ 3.5 sqmt per ltr. The fabric to be stretched in position with the help of upvc grippers on 75mm wide 12mm com ply strips fixed over the framework + 12 mm H.D. Foam filled inside. Fabric to be used inherently fire retardant of CS Travera as per design & shade selected by Consultant/Architects	25	sqm		
15.	P/F 19mm FABRICO sound soak panels (cord) of Anutone with H-Spleen in sizes of 2400 x 600 completely secured over GI framework with GI stud channel to the material & specifications of India Gypsum as sub frame work.	150	sqm		

	(B) TOTAL			Total (B)	
16	SKIRTING P/F skirting in steam beach wood out of 125mm x 19mm fixed to the partitions including all necessary nails, melamine polish on exposed surfaces, fire retardant paint etc.	125	Rmt		
17.	P/f of the Plastic emulsion of approved shade & make on the ceiling & other surfaces as reqd. Two or more coat on new work.	550	Sqmtr		
18.	P/f of matt finish melamine polish in natural shade after making the base wherever required to approved tint as per colour scheme.	10	Sqmtr		
19.	VITRIFIED TILE FLOORING Providing and fixing 8mm thick 600mm x 600mm vitrified tiles, granamite or Marbo granite or approved equivalent tiles on floor and laid over adequate thickness of cement mortar 1:4 (1cemnet: 4 coarse sand) mix complete with under base thick including cutting of tiles, white cement slurry, matching pigment etc. complete as per design and drawing. Mirror polish tile (basic rate of tiles shall be Rs. 90/- per sq. ft.)	60	sqm		
20	DOORS & WINDOW FRAMES Providing woodwork in frames of doors, windows, clerestory windows and other frames, sawn and fixed in position with screws / nails / hold fasts including applying coat of wood preservative, melamine polishing etc. complete as per design and drawing. Second class CP teak Sal wood in sub frame	2 0.5	Cum cum		
21	Providing and applying OIKOS "Stucco" paint as per manufacturer's specifications over plaster of Paris punning as required as per the shade approved complete as directed by the Architect.	5	sqm		
22	BRICKWORK: Brickwork with bricks of class designation 75 as directed in walls in 1:6 (1 cement: 6 coarse sand)	12	cum		

23	HALF BRICKWORK with bricks of class designation 75 in super structure in cement mortar 1:4 including reinforcement 2 nos. 6mm dia bars at every fourth course complete.	250	sqm		
24	Providing and laying 12 to 15mm plaster 1:4 (1 cement: 2 fine sand : 2 coarse sand) applied smoothly and cured properly on all heights.	600	sqm		
25	RCC mixed consolidated and cured complete along with scaffolding and shuttering in bands and beams 1:2:4 (1 cement: 2 coarse sand: 4 stone aggregate) 20mm nominal size.	7	cum		
26	Providing and laying high yield strength reinforcement of specified diameters including cutting, bending , binding and laying in position with 18 gauge annulled steel	2000	kgs		
27	Providing and fixing full height gypsum partition 90mm thick comprising of the following: Sal wood frame made of 2.5" x 2.5" at 600mm c/c on both ways fixed to floor and ceiling as shown and as required with anti termite treatment. 12.5mm thick tapered edged gypboard on both sides (conf. IS 2095-1982) screw fixed to Sal frame at 230mm centers mechanically and finished so as to have fresh look which includes filling and finishing with jointing compound, paper tapes and two coats of primer suitable for gypboard (as per recommended practice of India Gypsum of equivalent.)	150	sqm		
28.	P/f in position stainless steel edge beading 40mm wide, made from 16 gauge thick Salem steel confirming to grade IS 304.	5	rmt.		
29	Providing and applying in position laminated wooden flooring conforming to grade AC3PU in Krono / approved equivalent.	30	sqm.		

30	Cement concrete under floor Providing and laying cement concrete under floors etc. at all level including the cost of centering, shuttering, finishing a) 1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 20mm nominal size)	12	cum		
31	I.P.S. Flooring Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement slurry, rounding of edges, glass / PVC strips etc. complete as directed by Engineer-in-charge 40mm thick with 200mm nominal size aggregate	100	sqm		
32.	GRANITE FLOORING Providing and fixing 20mm thick granite on floor and laid over 20mm thick cement mortar 1:4 (1cement: 4 coarse sand) mix, including cutting of stone, white cement slurry, tin oxide polishing, matching pigment, necessary filling and protection of marble etc. complete as per design and drawing. Ruby Red granite flooring (Basic price Rs. 200/- sq. ft)	13	sqm		
33	CINDER FILLING Providing and filling cinders in sunken area of toilet including consolidation etc. complete.	60	cum		
34	TRAP DOOR Providing and fixing trap door in false ceiling, made of 12mm thick B.W.P. grade plywood resting / fixed / hinged on 12mm x 18mm size steam beach wood moulding all round, 1.0mm thick laminate on exposed surfaces of ply wood, enamel painting on unexposed surface, including all hardware, hinges, steam beach wood lipping etc. complete as per design.	2	sqm		

35	POP Punning Providing and applying 8-10mm thick plaster of Paris (super fine quality) punning on wall, scrapping and hacking the existing finished surfaces and applying plaster of Paris on wall, making in proper line and levels for smooth finish etc. complete as for design and drawing.	100	sqm		
36	ARCHITRAVE \ CORNICE P/F teak wood architrave / cornice and fixed with nails / wooden plugs including nails, screws, melamine polishing etc. complete as per design and drawings. CORNICE of size 75mm x 75mm MOULDING of size 57mm x 50mm MOULDING of size 57mm x 23mm	100 100 50	mtrs. mtrs. mtrs		
37	DECORATIVE paneled DOOR Providing and fixing 45mm thick decorative paneled door shutter comprising of the following: 200mm x 45mm steam beach wood on bottom and lock rail and 100mm x 45mm steam beach wood on top and side rail as shown and as required. 25mm thick commercial board cladded with 4mm steam beach veneer on both faces fixed to wooden rails with steam beach wood beading. Including all nails, screws, glues, melamine polishing, wood preservative paint, door stopper, butt hinges, etc. complete as per design and drawing.	22	sqm		

38	FLUSH DOOR SHUTTER Providing and fixing 35mm thick both side commercial type flush door shutters (decorative type) core of block board construction and frame of 1 st class hardwood phenol bonded, 12mm thick beach wood lipping on all edges of shutter including butt hinges, PVC buffers, door stoppers, melamine polishing to required shade where required, adhesive etc. all complete as per design and drawing and with one side laminate and one side veneer.	10	sqm.		
39	HYDRAULIC DOOR CLOSER Providing and fixing open type hydraulic door closer and cover plate in approved finish and sample etc.	15	Nos.		
40	LATCH AND LOCK Providing and fixing 100mm mortice latch and lock 6 lever and a pair of decorative handle, cylinder etc. in approved finish / make (Total basic price Rs. 1000/- each)	15	Nos.		
41	FIXED GLAZING 12mm thick clear float glass fixed to teak wood frame with teak wood beading from both faces including all nails, melamine polishing, wood preservative paint, complete as per design and drawing. The glass and the moulding may be treated as a part of the item.	30	sqm		
42	Providing and fixing suspended false ceiling in gypsum which includes providing and fixing GI perimeter channels of size 0.55mm having 1 flange of 20mm and another flange of 20mm and a web of 27mm along with perimeter of ceiling, screw fixed to brick wall / partition for horizontal and vertical surfaces and considered in levels and patterns to design. The ceiling to be in designer levels as per detail and drawing. The contractor should consider the Gypsum India specifications for sub frame and ceiling board as good and acceptable. The ceiling to be finished with jointing and top coat.	100	sqm		

	(C) - TOTAL			Total Amount	
	(D) STAGE FURNISHING				
43	STAGE FLOORING P/f of 100x18 Steam beech wood planks with tounge & groove joints. Steam beech planks to be of minimum 1200mm. The steam beech wood planks to be fixed over two staggered layers of 12 mm marine com ply fixed to Sal wood frame work of 75 x50 and 50x50 at 600c/c (HxV). The framework to be jointed with mathani cut method. The Sal wood frame work to be treated with two coats of fire retarder primer FR881 undiluted @ 3.5 sq. m per ltr. The framework to be supported on 100x 100 x 5mm neoprene pads & held in position by 35x35x5 angle cleats of 100mm length at 1800 centers. The framework to be filled with 50mm thk. 1000gsm micron fiber. The Steam beech wood lineal panels to be finally polished with polyurethane matt finish polish after making the base & sanding the wood with use of orbital sanders. The angle cleat to be given one coat of red oxide primer	40	Sqmt.		
44	MS Suspension Grid on stage MS suspension grid providing and fixing MS angle rafters above acting area of stage at 1200x600mm centers, 2 x 40x40x4mm thk. MS angle runners & 25x12x12mm thick studs as MS spacers sandwiched between the MS angle & runners so as to maintain 12mm gap between MS angle suspended from bottom of roof structure by means of 30 x 5mm thk. MS flat suspenders, fixed with MS cleats & dash fasteners at RCC slab & nuts & bolts at 1200mm centers. Painting MS suspension grid with 2 coats of zinpholite primer and 2 or more coats of enamel paint of approved shade.	600	kg		

45	STAGE WALLS P/f of fabric panel over a frame work of kail wood batten work at 600(V) x 600(H) mm center filled 50mm thk 1000gsm Mikron fiber the micron fiber to be held in position with chicken wire mesh of 18mm 24SWG. As per the drgs the frame work to be supported from the wall with 35x35x5mm angle hold fasts fixed wall with angle cleats and anchor fasteners. The hold fasts to be given two coats of red oxide primer. The kail wood batten work to be given a coat of undiluted fire retarder Viper FR881 of Navair @ 3.5 sqmt per ltr. The fabric to be stretched in position with the help of on 75mm wide 12mm com ply strips fixed over the framework + 12 mm H.D. Foam filled inside. Fabric to be used inherently fire retardant of CS Travera as per design & shade selected by Consultant/Architects	45	Sqmt		
46	MAIN CURTAIN WITH FRILL Main Curtain made out of velvet curtain cloth with horizontal sliding arrangement & Motorised operation complete with runners, master runners, pullies, 3 mm steel wire rope, 1 HP motor(Crompton) 2 nos. air breaker contactors (L&T/SIEMENS), 2NOS. micro switches for auto stop, 3 nos. push buttons for forward, reverse and stop positions. The curtain should be draped to half area when in closed position. Minimum overlap at centre should be 900 mm and should be stitched in double gathering. l/c frill as per requirement..	1	nos.		
47	Frills P/f of frills in the hall out of fire retardant fabric in 1:2 drapes backed with suitable hanging arrangement	2	nos.		
	TOTAL OF D			Total Amount (D)	
	GRAND TOTAL A + B + C + D				Rs.

Date :

Place :

(Signatures of the contractor with seal)