

Renovation of Operation Theatre and Labour room in Ayurveda college Hospital for Women & Children, Poojapura					
PART I -CIVIL					
Item No	Item Description	Unit	Quantity	Rate (In words & figures)	Amount (in Rs.)
1	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge	Cum	25.00		
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge (15.3)	Cum	1.20		
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:	Each	20.00		
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead of tiles above 25 mm and up to 40 mm	Sqm	380.00		
5	Dismantling aluminium / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-Charge	Sqm	100.00		
6	Dismantling old plaster or dado or skirting tiles raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	176.00		
7	Dismantling of flushing cistern/ IWC / Ewc / WB of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	13.00		

8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	25.00		
9	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	30.00		
10	Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facias and eaves boards up to floor five level, excluding the cost of centering, huttering, finishing and reinforcement, with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).	Cum	3.00		
11	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	20.00		
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete	Kg	500.00		
13	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	Sqm	380.00		
14	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand) for under side of slab	Sqm	50.00		

15	Providing and fixing white vitreous china Wall Mounted type water closet (European type W.C.pan) with seat and lid, 3/6 litre low level white vitrous Dual Flushing cistern and C.P flush bend with fitting and C.I brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required. Make:Hindware,Cera,Jaquar etc., WC pan with ISI marked white solid plastic seat and lid (Lowest retail price not less than 10,000/each. Materials to be selected by the Engineer in charge)	Each	7		
16	Providing & fixing of CP Health faucet. Hand operated spray unit (instand type). Make:Hindware,Cera,Jaquar etc., (Lowest retail price not less than 1200/each. Materials to be selected by Engineer in charge)	Set	7		
17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for Hot and Cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Make:Supreme,Finolex,Prince etc.,				
	Concealed work including cutting chases and making good the wall etc.				
a)	20mm nominal outer dia.Pipes	Rm	50		
b)	25mm nominal outer dia.Pipes	Rm	50		

17.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for Hot and Cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in caharge. Make:Supreme,Finolex,Prince etc.,				
	Internal Work - Exposed on wall				
a)	20mm nominal outer dia.Pipes	Rm	50		
b)	25mm nominal outer dia.Pipes	Rm	50		
17.2	Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Concealed work including cutting chases and making good the wall etc				
a)	20mm dia. PVC pipe (10kg/cm2)	Rm	50.00		
b)	25mm dia. PVC pipe (10kg/cm2)	Rm	50.00		
c)	32mm dia. PVC pipe (10kf/cm2)	Rm	50.00		
17.3	Providing and fixing PVC pipes for water supply arrangements including cost pipes, fittings, solvent cement,testing of pipes, labour charges etc complete : Exposed on wall				

a)	20mm dia. PVC pipe (10kg/cm ²)	Rm	50.00		
b)	25mm dia. PVC pipe (10kg/cm ²)	Rm	50.00		
c)	32mm dia. PVC pipe (10kg/cm ²)	Rm	50.00		
d)	50mm dia. PVC pipe (8kg/cm ²)	Rm	50.00		
17.4	Providing and fixing PVC soil, waste and vent pipe to IS : 13592 of SWR quality including all fittings, like : Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement by application of leak proof adhesive like FRP paste including cutting holes in walls and floors and making good. Make:Supreme,Finolex,Prince etc..,				
a)	75mm dia (6kg / sq.cm)	Rm	50.00		
b)	110mm dia (6 kg / sq.cm)	Rm	50.00		

18	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15mm nominal bore Make:Hindware,Cera,Jaquar etc..	Each	10		
19	Providing and fixing Toilet paper holder . Make:Hindware,Cera,Jaquar etc...;C.P Brass	Each	7		
20	Providing and fixing 600 x 450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	10		
21	Providing and fixing SS towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	Each	16		
22	Providing and fixing of over head shower set with shower flange 170 mm long, including shower head and shower arm conforming to I.S Specification of approved make as per directions including all lead and lift etc., complete. (Lowest retail price not less than 1500/each. Materials to be selected by the Engineer in charge) Make:Hindware,Cera,Jaquar etc..,	Each	7		
23	Providing and fixing of CP brass 15 mm dia, 2 in 1 exposed wall mixer cum spout for wall installation with lever control and necessary CP bend for shower connection, including cutting and making good the walls complete as per sample approved by the EIC. (Lowest retail price not less than 3500/each. Materials to be selected by the Engineer in charge)	Each	7		

24	Cutting holes upto 15 x 15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including finishing complete.	Each	14		
25	Supply and installation of Puddle flange for waste line as directed by Engineer in charge.				
a)	75mm dia Puddle flange	Rm	7		
b)	110mm dia Puddle flange	Rm	7		
26	Providing and fixing PVC floor trap self cleansing design with or without vent arm complete including cutting and making good the walls and floors. Make:Supreme,Finolex,Prince etc.,				
a	110mm dia inlet 110mm dia outlet	Each	7		
27	Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor (Chilli make)				
a	125mm dia	Each	7		
28	Providing and fixing C.P. brass long body bib cock (Sink cock)of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore (Lowest retail price not less than 1800/each. Materials to be selected by the Engineer in charge)	Each	7		

29	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931. Make:Hindware,Cera,Jaquar etc., 15 mm nominal bore. (Lowest retail price not less than 1200/each. Materials to be selected by the Engineer in charge)	Each	7		
30	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931: 15 mm nominal bore.Make:Hindware,Cera,Jaquar etc..	Each	14		
31	Providing and fixing CP Waste coupling for wash basin and sink of approved quality, colour and make. Waste coupling 31mm of 79mm length and 62mm breadth, weighing not less than 45 gms. Make:Hindware,Jaquar etc.,	Each	11		
32	Providing and fixing Stainless Steel A ISI 304 (18/8) Sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board :510x1040 mm bowl depth 250mm.	Each	1		
33	Providing and fixing wash basin (counter top) with CI / MS brackets, 15mm CP brass Pillar taps, 32mm CP brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required.: White Vitreous China Wash basin size 630 x 450mm with a single 15mm C.P brass pillar tap. Make:Hindware,Cera,Jaquar etc., (Lowest retail price of basin not less than Rs. 3000/each and Pillar tap not less than Rs. 2000/each. Materials to be selected by the Engineer in charge)	Each	3		

34	Providing and fixing wash basin (half pedestal single unit)) with CI / MS brackets, 15mm CP brass Pillar taps, 32mm CP brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required.: White Vitreous China Wash basin size 630 x 450mm with a single 15mm C.P brass piller tap. Make:Hindware,Cera,Jaquar etc., (Lowest retail price of basin not less than Rs. 4500/each and Pillar tap not less than Rs. 2000/each. Materials to be selected by the Engineer in charge)	Each	7		
35	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms.	Each	7		
36	Providing and fixing SS soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements. Weighing not less than 106 gms.	Each	4		
37	Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia	Each	4.00		
38	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design :				

a)	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	3.00		
39	Providing and fixing square – mouth PVC. Gully trap grade “A” complete with CI grating brick masonry chamber with water tight CI cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design				
a)	150 x 100mm size P type with common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	7.00		
40	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	Rm	35.00		
41	Supplying, conveying and fixing Heavy duty CI Mh cover and frame 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) :	Each	1.00		

42	Supplying, conveying and fixing Heavy duty CI Mh cover and frame C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :	Each	2.00		
43	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Ltrs	5000.00		
44	Stainless Steel Scrub Sink:Providing, Fixing, supply, Installation and commissioning of 3-Bay (2100mm long) Scrub station(Automatic Sensor) made out of seamless welded construction, polished to a stain finish having front access panel with all accessories i.e. thermostatic mixing valve, user defined setting of 1 to 3 minutes provided with infra red sencer.	Each	1.00		
45	Stainless Steel Scrub Sink:Providing, Fixing, supply, Installation and commissioning of 2-Bay (1800mm long) Scrub station(Automatic Sensor) made out of seamless welded construction, polished to a stain finish having front access panel with all accessories i.e. thermostatic mixing valve, user defined setting of 1 to 3 minutes provided with infra red sencer.	Each	1.00		

46	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate z sections and other sections of approved make confirming to IS : 733 and IS : 1285 fixed with fixed with raw plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately). For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	1900.00		
47	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber /neoprene gasket required (Fittings shall be paid for separately) - Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	1300.00		
48	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and he directions of engineer-in-charge - With float glass panes of 8 mm thickness	Sqm	53.00		

49	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I type II in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc., complete as per architectural drawings and directions of engineer-in-charge. Prelaminated particle board with decorative lamination on both sides.	Sqm	53.00		
50	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piect M.S. sheet outer box with side plate etc., complete as per the direction of Engineer-in-charge. With stainless steel cover plate	Each	6		
51	Filling the gap in between aluminium frame & adjacent RCC/Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Enginner-in-charge complete. Upto 5mm depth and 5mm width	Rm	70.00		
52	Providing and fixing 100mm brass locks (best make of approved quality) for aluminum doors including necessary cutting and making good etc. complete	Each	19.00		
53	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Powder coated minimum thickness 50 micron aluminium tubular handle bar	Each	8.00		
54	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineerin-charge Powder coated minimum thickness 50 micron aluminium	Each	14.00		

55	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating note less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc., complete. Single rubber stopper	Each	8		
56	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge - Extruded section profile size 48x40 mm	Rm	36.00		
57	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt corative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a PVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.	Sqm	13.00		

58	<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size</p>				
	<p>27 x 37 x 25 x 1.6 x mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete at all heights as per specifications drawings and as directed by Engineer-in-charge.</p>				
a	<p>GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5mm thick with 8mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending</p>	Sqm	137.00		

59	12.5mm thick square edge PVC Laminated Gypsum Tile of size 595x595mm, made of Gypsum plasterboard; manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	Sqm	105.00		
60	FALSE CEILING SYSTEM - Orcal Clip-in 600x600mm SS Metal-Plain finish				
	Providing & Fixing true horizontal level suspended ceiling comprising of Armstrong Stainless Steel Clip-in with double pip self-leveling feature and special tabs to allow removal of tile to enable plenum access with plain visual consisting of 600X600 clip in tiles of Brushed steel finish in 0.42mm thickness with bevel edge and suitable for Green Building application, with Recycled content of 25%. Installation: To comprise 3000mm long 'C' channels spaced at 1200mm centres securely fixed to the structural soffit by support clamp & approved hangers. The last hanger at the end of each C channel should not be greater than 600mm from the adjacent wall. Use a C-channel connector for splicing two pieces of C-channels. 4000mm Dp-12 Main carriers (spring tee bars) shall be spaced at 600mm centres in a direction perpendicular to the C-channels and shall be secured at every intersection with C channel using a dp-12 hanger. Use Dp-12 connector to splice two pieces of Dp-12 main carriers. Tiles should be clipped in between two Dp-12 carriers (spring tee bars) from below. Perimeter trims to be of Armstrong wall angles of white colour secured to walls at 450mm maximum centres. Cut tiles to be secured to the wall angles using a spring clamp.	Sqm	95.00		
61	Providing, Fixing, Supply, Installation, and Commissioning of Manually Operated hermetically sealed Sliding Doors -Double Leaf Stainless Steel Door Size-1800mm(W) x 2400mm (H) 45mm (THK) PUF Infill Door Leaf - 0.8mm Thk Stainless steel sheet Door Profile - 1.0 mm Thk Stainless steel sheet Double Glazed Vision Panel with 5mm clear glass (200 x 300mm) With one Door Closure and standard Hardware. Manfr. Metaflex	Each	1.00		

62	Supplying and fixing vinyl covering for floor and wall (Armstrong make) for theatres (Anti bacterial and anti fungal) including installation, cost with adhesive, copper laying, welding etc complete and as per the direction of Engineer in charge.				
	FLOOR (2.2 mm thick)	Sqm	50.00		
63	Self leveling (maximum 5 cm) for floor making up the undulations with CC 1:2:4 including compacting the floor as per the direction of Engineer in charge.	Sqm	50.00		

64	Providing and laying polished vitrified floor tile in different sizes (thickness to be specified by the manufacturer) with Acid and / or Alkali resistant tiles and water absorptions less than 0.08% and confirming to IS:15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement:4 Coard sand) including grouting the joints with white cement and matching pigments etc. complete.:Size of Tiles 60 x 60 cm (Lowest retail price not less than Rs. 880/m2) : Size of Tiles 60 x 60 cm (Tiles to be selected by the Engineer in charge)	Sqm	335.00		
65	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps , over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments tc. complete. Size of Tile 600x600 mm(Lowest retail price not less than Rs. 880/m2) (Tiles to be selected by the Engineer in charge)	Sqm	52.00		
66	Providing and fixing 1st quality ceramic glazed wall tiles (300x450mm size) conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.(Lowest retail price not less than Rs. 450/m2)	Sqm	172.00		
67	Supplying and fixing vinyl covering for floor and wall (Armstrong make) for theatres (Anti bacterial and anti fungal) including installation, cost with adhesive, copper laying, welding etc complete and as per the direction of Engineer in charge.				

(a)	Wall (1.25 mm Thick)	Sqm	80		
68	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm	925.00		

69	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface	Sqm	925.00		
70	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work. (inside of rooms)	Sqm	925.00		
71	Providing and fixing aluminium extruded section type tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	7.00		
72	Providing and fixing 18 mm thick Granite slab, gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels : area of slab over 0.50 sqm, for baby receiving platform	Sqm	2.50		
	TOTAL OF PART I- CIVIL WORKS				
	TOTAL OF PART II- ELECTRICAL				
	TOTAL OF PART III- HVAC				
	GRAND TOTAL				