

Name of work: Renovation works (Civil and Interiors) of HINDLABS in Govt. Medical College Hospital , Vandanam , Alappuzha ,Kerala.

Schedule of Quantities

Item No.	Description	Unit	Quantity	Rate		Amount	
				(In figure & words)*	Rs.	Ps.	
1	Excavating holes , including getting out the excavated soil, then returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil, as directed within a lead of 50 m and lift upto 1.5 m.All kinds of soil	Each	9				
2	Dismantling wall tiles , with out making any damages to other fixed tiles.	Sqm	1.00				
3	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	17.00				
4	Dismantling of wall mounted or other types of cup boards, Tables , beds etc. made up of wooden boardings including stacking of serviceable and nonserviceable materials within 50 metres lead.	Sqm	100.00				
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Cum	0.25				
6	Providing and fixing 1st quality ceramic glazed wall tiles 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. Tile size of 300X200 mm	Sqm	1.00				

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				(In figure & words)*	Rs.	Ps.
7	Providing and fixing of PVC Tile Trim	Mtr	1.50			
8	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	20.00			
9	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats	Sqm	20.00			
10	Providing and fixing Shelves/ shutters for Cupboards/ wardrobe made out specified type of boards with teak wood beading on all edges etc., including cost of labour for fixing the builder's hardware etc., complete all as per specifications and directions of Engineer in charge in DOUBLE/ SINGLE SHUTTERS in all floors at all heights. including all fittings ,auto close hinges , locking arrangements.Using 19mm thick 1st quality hot pressed resin bonded WWR grade commercial block board	Sqm	65.00			
11	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer ; 25 mm thick	Sqm	65.00			
12	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	135.00			

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Item No.	Description	Unit	Quantity	Rate	Amount	
				(In figure & words)*	Rs.	Ps.
13	Providing and fixing GI chain of size 10 mm	Mtr	40.00			
14	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) :Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	155.00			
15	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	20.00			
16	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum 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. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	Sqm	9.00			
17	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 the directions of Engineer-in-charge. With float glass panes of 5.50/6 mm thickness	Sqm	8.00			
18	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge Powder coated minimum thickness 50 micron aluminium.	Each	2			
19	Dismantling door made up of aluminium and panelled with glazing and particle board and fixing of the same door in another area with out making any damages to door or partition.	Sqm	3.50			

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Item No.	Description	Unit	Quantity	Rate	Amount
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20	Wooden Door repairing by removing all hinges from frame and refixing with one more additional hinge by using pvc fastners. Provide lipping etc.if required and all other repairs.(Additional hinge,Door stopper and lock will be paid seperately)	Each	6		
21	<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to</p> <p>get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25</p> <p>mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, 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 27 x 37 x 25 x1.6</p> <p>mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm 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 for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p> <p>12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16 mm thick fire retardant PVC film on the face side and 12 micron 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.</p>	Sqm	8.00		

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22	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	Sqm	3.10			
23	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :100X10mm	Each	2			
24	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.50 mm	Each	42			
25	Providing and fixing aluminium hanging floor door stopper, ISI marked,anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	Each	6			
26	Providing and fixing chromium plated brass handles with necessary screws etc. complete:125mm	Each	4			
27	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	4			
28	Providing and fixing PTMT towel rail complete with brackets fixed cup board with CP brass screws with concealed fittings arrangement of approved quality and colour.450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	Each	2			

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Item No.	Description	Unit	Quantity	Rate	Amount	
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29	Steel Almirah of size 78"X36"X21" of 20 gauge door,22 gauge body and 4 shelves making 5 compartment with 6 lever locking arrangement and handle.	Each	1			
30	Slotted angle metallic rack made up of 40 X 40 X 3 mm size rolled steel Angle posts shall have 8-mm diameter holes provided at 50-mm centres. The holes shall start at 12.5 mm centres from each end. Metal shelves shall be made from mild steel sheets not less than 1.0 mm in thickness. Shelves shall have lipped flanges width of flange being 30 mm and depth of lip 15 mm and having 5 shelves.The center to center distance of posts shall not exceed 750mm in both directions.					
a	Of Size 2.60X2.00X.75 m	Each	1			
b	Of Size 1.10X2.00X.50 m	Each	1			
c	Of Size 1.60X2.00X.50 m	Each	1			
31	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc. complete :125x90x4.00 mm	Each	6			
32	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :300x10 mm	Each	1			
33	Providing and fixing chromium plated brass handles with necessary screws etc. complete:75mm	Each	42			
34	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :50x37x1.50 mm	Each	58			

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Item No.	Description	Unit	Quantity	Rate	Amount	
				(In figure & words)*	Rs.	Ps.
35	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer in charge.	Each	22			
36	Water dispenser-with refrigerator having 3 temperature taps - Hot, plain and cold. 3 liter cooling and 5 liter heating capacity per hour. Body made of ABS plastic and tank made of Food grade stainless steel. Heavy duty bottle piercer with bottle holder. with 1 year warranty. (Make : voltas / Blue star)	Each	1			
37	Supply, Installation, Testing and Commissioning of Pedestal Fan 450mm sweep 55-Watt High Speed having Smooth oscillation, Superior low voltage performance and 2 year manufacturer warranty (Make : Almonard/Havels/Crompton Greaves)	Each	2			
38	Dismantling and replacing the existing switchbox by supplying and fixing of 12 module switch box of suitable size in surface or recess including removing and fixing the existing front plate, switches, sockets, fan regulators and proving interconnections as required.	Job	1			
39	Supply, Installation testing and commissioning RJ - 45 Computer Jack cat 6 with shutter Modular (1Module)	each	1			
	Total					
	Net amount					

* The rate / rates written in words will be taken as final.