

PONDICHERRY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of work: Providing false ceiling and Polyvinyl chloride sheet flooring at Microbiology Laboratory, Science Block-I

S. No.	Description	Qty.	Rate Rs.P.	Unit	Amount Rs.P.
1 15.57	Dismantling aluminium / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50m lead	20		Kg	
2 6.4.2	Brick work with FPS bricks of class designation 35 in superstructure above plinth level upto floor V level in all shapes and sizes in cement mortar 1:6 (1 cement : 6 coarse sand)	3.50		Cum	
3 5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for: lintels, beams, plinth beams, girders, bressumers and cantilevers.- Using steel sheet with M.S.frames	21		Sqm	
4 5.3	Reinforced cement concrete work in beams , suspended floors, roofs having slope upto 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering,finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	1.30		Cum	
5 5.22.7	Reinforcement for R.C.C work including straightening , cutting , bending , placing in position and binding all complete Thermo - Mechanically treated bars(ISI BRAND OF APPROVED MAKE) including placing the M30 grade Athees make cover block @ 60cm centre to centre	120		Kg	

6 13.1.1	12mm cement plaster of mix :Cement mortar 1:4 (1 cement : 4 fine sand)	46		Sqm	
7 12.45.1	<p>Providing and fixing at all height false ceiling including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating of grade 350 as per IS :277 and consisting of angle cleats of size 25mm wide X 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to ceiling with dash fastener 12.5mm dia X 40mm long with 6mm dia bolts to the angle hangers of 25X25X0.55mm of required length, and other end of angle hanger being fixed with nut and bolts to the G.I. channels 45X15X0.9mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64mm dia X 230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 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 centre to 230mm interval ncluding jointing and fixing to a flush finish of taper ed and square edges of the board with recommended filler, jointing tapes, finisher and two coats of primer suitable for board as per manufactures specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitable fixed all complete as per drawing and specification but excluding the cost</p>	131		Sqm	

	of painting with : 12.5mm thick tapered edge gypsym board conforming to IS: 2095 – part I,				
8 11.53.1	Providing and fixing homogeneous Polyvinyl chloride sheet in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality including rolling with light wooden roller weighing about 5kg. All complete - 1.5mm thick - sheet	129		Sqm	
9 21.1.1.1	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, fixed with rawl 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, mitred 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. (Glazing and panelling to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)	92		Kg	
10 21.1.2.1	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, fixed with rawl 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	100		Kg	

	/ neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred 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. (Glazing and panelling to be paid for separately) : For shutters of doors, windows and ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, minimum anodic coating of grade AC15).				
11 21.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc., with PVC / neoprene gasket etc., complete as per the architectural drawings. (cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 4.0mm thickness	43		Sqm	
12 9.84	Providing and fixing IS:3564 make aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc. complete	5		Each	
13 9.100.1	Providing and fixing aluminium handles 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 :-125mm	4		Each	
14 8.2.2.2	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and	19		Sqm	

	texture laid over 20mm thick base cement mortar 1:4 (1 cement: 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish etc. complete at all levels. - Granite of any colour and shade - Area of slab over 0.50 sqm				
15 8.3.2	Extra for providing edge moulding to 18mm thick marble stone counters, vanities, etc., including machine polishing to edge to give high gloss finish etc., complete. - Granite work.	32		Rmt.	
16 11.36A	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make (Jhonson / Asian / Somany / Nitco) in all colours, shades of size 200 x 300 mm as approved in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm. Including pointing in white cement mixed with pigment of matching shade complete. - size 200x300mm	29		Sqm	
17 17.11.2	Providing and fixing white vitreous china laboratory sink with CI brackets CP brass chain with rubber plug 40mm CP brass waste and 40mm CP brass trap with necessary CP brass unions complete including painting of fittings and brackets cutting and making good the walls wherever required size 600x450x200mm.	4		Each	
18 MR	Providing and fixing C.P. brass three way lab tap – 15 mm nominal bore	4		Each	
19 MR	Supplying, stitching and fixing fleeted screens with backing cloth at Earth sciencebuilding using the approved quality screen cloth and backing cloth of 1.20m wide with necessary plastic screen hooks and curtain rods. The cost of the screen cloth and backing cloth used should be	36		Sqm	

	not less than Rs.140/- & Rs.60/- per meter length of 1.20m width and for fleets 100% of additional cloth should be used				
20 12.41.1	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion, (i) single socketed pipes. 75mm diameter.	40		Rmt.	
21 12.42.5.1	Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Bend 87.5deg. 75mm bend.	4		Each	
22 12.42.6.1	Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Shoe(plain)75mm shoe.	2		Each	
23 18.7.2	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step CPVC solvent cement and testing of joints complete (Internal work exposed on wall) - 20mm nominal outer dia pipes	40		Rmt.	
24 18.7.5	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fitting with one step CPVC solvent cement and testing of joints complete. (Internal work exposed on	20		Rmt.	

	wall) - 40mm nominal outer dia pipes				
25 18.46.5	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work) 40 mm nominal bore	1		Each	
26 14.45.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade - Old work (one or more coats).	105		Sqm	
	Total				

I hereby abide the rules and regulations stipulated in the CPWD form no. 6 & 8.

Contractor

Superintending Engineer