

PONDICHERRY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of the work: Maintenance and special repairs to the Lift Machine room at Madanjeet School of Green Energy Technology building.

S. No.	Description	Qty.	Rate Rs.P.	Unit	Amount Rs.P.
1. 15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	31.00		Sqm	
2. 15.23. 2	Dismantling tile, work in floors and roofs/ dado laid in cement mortar including stacking material within 50 metres lead - for thickness of tiles 25mm to 40mm	16.00		Sqm	
3. 15.25	Dismantling granite stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead	11.00		Sqm	
4. 15.2.1	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead - nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	1.00		Cum	
5. 14.75	Repair to plaster of thickness 12mm to 20mm in patches of area 2.5sqm and under including cutting the patch in proper shape , raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish , all complete	5.00		Sqm	
6. 14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scarches etc.complete	90.00		Sqm	
7. 15.13. 1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50m lead - Of area 3 sq. metre and below.	2		Each	
8. 4.13	Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7 kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	30.00		Sqm	

9. 4.11	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20mm nominal size)	16.00		Sqm	
10. 4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacture's specification.	15.00		Bag	
11. 4.2.3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns,piers, abutments, pillars, posts,struts, buttresses, string or lacing courses, parapets, coping,bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. upto floor five level, excluding the cost of centering ,shuttering and finishing - 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	0.50		Cum	
12. 12.20	Providing and laying pressed clay tiles (as per approved pattern 18mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound , laid over a bed of 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete	20.00		Sqm	
13. 11.13. 1	Providing and fixing glass strips in joints of terrazo / cement concrete floors - 40mm wide and 4mm thick	13.00		Rmt	
14. 13.3.2	20mm cement plaster of mix -1:6 (1 cement : 6 fine sand)	31.00		Sqm	
15. 13.1.2	12mm cement plaster of mix -1:6 (1 cement : 6 fine sand)	11.00		Sqm	
16. 10.5.1	Providing and fixing 1mm thick M.S.sheet door with frame of 40x40x6 mm angle iron and 3mm M.S.gusset plates at the junctions and corners , all necessary fittings complete, including applying a priming coat of approved steel primer - Using M.S.angels 40x40x6mm for diagonal braces	5.00		Sqm	
17. 13.61. 1	Painting with synthetic enamel paint of approved brand and manufacutre to give an even shade - Two or more coats on new work	20.00		Sqm	
18. 14.54.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade - One or more	4.00		Sqm	

1	coats on old work				
19. 12.41. 2	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 - 110 mm diameter	10		Rmt	
20. 12.43. 2	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised- PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length, including cutting brickwork and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc., complete - 110mm	8.00		Each	
21. 12.42. 3.2	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 - Single tee with door - 110x110x110mm	4.00		Each	
22. 12.42. 4.2	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 - Single tee without door -110x110x110mm	2.00		Each	
23. 12.42. 5.2	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 87.5 degree - 110 mm bend / elbow and Y	4.00		Each	
24. 10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting , hoisting , fixing in position and applying a priming coat of approved steel primer all complete	70.00		Kg	
25. 12.80	Providing and fixing colour coated galvalume sheet of 550 M.P.A. yield of AZ 150 strength formed as per patterned steel rib profile with the depth of 31 mm pitch of 250 mm and overall width of 1060 mm and thickness 0.5mm with required J or C hook bolts and nuts 8mm dia G.S.paint and working etc., complete excluding the cost of purlin , rafter and truss	5.00		Sqm	

	etc.,				
26. 12.22	Making khurras 45x45cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20mm nominal size) over P.V.C. sheet 1m x1m x 400 micron , finished with 12 mm cement plaster 1:3 (1cement : 3 coarse sand) and a coat of neat cement, rounding the edges, making and finishing the outlet complete	2.00		Each	
27. 13.47. 1	Finishing walls with premium acrylic smooth exterior paint with silicone additives of required shade - New work (two or more coats applied @1.43 ltr / 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg / 10sqm	40.00		Sqm	
28. 14.67. 1	Finishing walls with premium acrylic smooth exterior paint with silicon additives of required shade - old work (two or more coats applied @ 1.43 ltr / 10 sqm) over existing cement paint surface	90.00		Sqm	
29. 18.77	Cutting holes upto 15x15 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 20 mm nominal size)including finishing complete so as to make it leak proof	4.00		Each	
	Total				

Terms & Conditions:

- i) The rates specified are firm and not subject to any variation.
- ii) The work should be completed within 30 days.
- iii) Payment will be made only after completion of the entire work.
- iv) The material should be got approved before commencement of work.
- v) The rate specified should be inclusive of GST.

Contractor

Executive Engineer(oc)