

**PONDICHERRY UNIVERSITY**  
**ENGINEERING WING**

**SCHEDULE OF WORK**

*Name of the work:* Anti-fungal treatment to EPMA and DBMA room and special repairs to the toilet at Science block-I annexure building

<b>S. No.</b>	<b>Description</b>	<b>Qty.</b>	<b>Rate Rs.P.</b>	<b>Unit</b>	<b>Amount Rs.P.</b>
1. 15.1 3.1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50m lead - Of area 3 sq. metre and below.	2.00		Each	
2. 14.4 3	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	180.00		Sqm	
3. 15.4 4.1	Dismantling G.I. Pipes/ PVC (external work) including excavation and refilling trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50m lead - 15mm to 40mm nominal bore.	20.00		Rmt	
4. 15.4 5.1	Dismantling C.I. Pipes including excavation and refilling trenches after taking out the pipes manually / by mechanical means, breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes, lead at site within 50m lead - Upto 150mm diameter.	23.00		Rmt	
5. 15.2 3.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50m lead - For thickness of tiles above 10mm and upto 25mm.	3.50		Sqm	
6. 13.5 2.2	Finishing with epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer specifications including appropriate priming coat, preparation of surface, etc. complete - On concrete work / Masonry work.	131.00		Sqm	
7. 14.4 2.1	White washing with lime to give an even shade - Old work (two or more coats).	50.00		Sqm	

8. 9.21. 1	Providing and fixing ISI marked flush door shutters conforming to IS:2202 (Part 1) non-decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. - 35 mm thick including ISI marked stainless steel butt hinges with necessary screws.	3.00		Sqm	
9. 9.23	Extra for providing lipping with teak wood battens 25mm minimum depth on all edges of r area shutters (over all area of door shutter to be measured) over item no.9.20 and 9.21	3.00		Sqm	
10. 13.5 0.1	Applying priming coat - with ready pink or grey primer of approved brand and manufacture on wood work (hard and soft wood).	7.00		Sqm	
11. 13.6 1.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade - Two or more coats on new work.	10.00		Sqm	
12. 14.5 4.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade - One or more coats on old work.	1.00		Sqm	
13. 10.2 7	Supplying and fixing of steel grill work of m.s. angles, flats, squares and pipes including cost of welding charges, fixing in position in masonry walls with cement concrete 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 12.5mm nominal size) including one coat of priming coat etc. complete.	85.00		KG	
14. 9.97. 3	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 : - 200x10mm	1.00		Each	
15. 9.97.	Providing and fixing aluminium tower bolts ISI marked anodised	1.00		Each	

4	(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 : - 150x10mm				
16. 9.96. 1	Providing and fixing aluminium sliding door 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 nuts and screws etc.complete:- 300x16mm	1.00		Each	
17. 9.10 1.1	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 - single rubber stopper	2.00		Each	
18. 9.10 0.1	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	4.00		Each	
19. 19.3 3.1	Providing and fixing on wall /column face unplasticed - PVC soil and waste pipes (type-B) conforming to IS:13592-1992 including jointing with seal ring conformation to IS: 5382 leaving 10mm gap for thermal expansion - single socketed pipes 110mm diameter	37.00		Rmt	
20. 19.3 3.1A	Providing and fixing on wall face/column face unplasticised - PVC moulded fittings / accessories for unplasticisd - PVC soil and waste pipes conforming to IS:14735 - 1999 including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion - Single tee with door - 110x110x110mm	3.00		Each	
21. 19.3 3.1C	Providing and fixing on wall face/column face unplasticised- PVC moulede fittings/accessories for	4.00		Each	

	unplasticised - PVC soil and waste pipes conforming to IS:14735-1999 including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion - bend 110mm/ elbow				
22. 12.4 2.6.2	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. Shoe (plain)110mm shoe.	2.00		Each	
23. 12.4 3.2	Providing and fixing unplasticised - 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 brick work and fixing in cement mortar 1:4(1 cement : 4 coarse sand) and making good the wall etc. complete. 110mm	10.00		Each	
24. 19.3 3.2	Providing and fixing on wall/column face unplasticised - PVC soil and waste pipes (type B) conforming to IS:13592 - 1992 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion - single socketed pipes 75mm diameter	6.00		Rmt	
25. 19.3 3.2B	Providing and fixing on wall face /column face unplasticised - PVC moulded fittings /accessories for unplasticised - PVC soil and waste pipes conforming to IS :14735-1999 including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion - Single tee without door - 75x75x75mm	4.00		Each	
26. 19.3 3.2C	Providing and fixing on wall face / column face unplasticised - PVC moulded fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS:14735 - 1999 including jointing with seal ring conforming to IS : 5382 leaving	4.00		Each	

	10mm gap for thermal expansion - bend 75mm / elbow				
27. 19.3 3.2A	Providing and fixing on wall/column face unplasticised - PVC moulded fittings / accessories for unplasticised - PVC soil and waste pipes conforming to IS:14735 - 1999 including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion - Single tee with door - 75x75x75mm	2.00		Each	
28. 12.4 2.6.1	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.	2.00		Each	
29. 12.4 3.1	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 brick work and fixing in cement mortar 1:4(1 cement : 4 coarse sand) and making good the wall etc. complete. 75mm	4.00		Each	
30. 11.3 9.1	Providing and laying rectified glazed ceramic floor tiles 300x300mm or more(thickness to be specified by the manufacturer) of commercial quality conforming to IS: 15622 of approved make (Somany / Nitco / Johnson )in colors white, ivory, grey, fume red brown laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	3.50		Sqm	
31. 9.12 0.2	Providing and fixing to existing door frames - 30mm thick factory made solid both side prelam panel PVC door shutter consisting of frame made out of M.S.tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top & bottom rails.M.S.frame shall have a coat of	1.50		Sqm	

	<p>steel primers of approved make and manufacture. M.S. frame covered with 5mm thick heat moulded prelam PVC 'C channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45 degree angle on either side forming stiles; and 5mm thick , 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, button and lock rails shall be provided either side of the panel. 10mm (5mmx2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail, panelling of 5mm thick both side prelam PVC sheet to be fitted in the M.S.frame welded / sealed to the stiles &amp; rails with 7mm (5mm+2mm) thick x 15mm wide PVC sheet beading on inner side , and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C channel using PVC solvent adhesive etc.complete manufactures specification &amp; drawing</p>				
32. 17.7. 3	<p>Providing and fixing wash basin with CI brackets, 15mm CP brass pillar taps 32 mm 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 550x400mm with a pair of 15mm brass pillar taps.</p>	1.00		Each	
33. 17.1. 1	<p>Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm Sand Cast Iron P or S trap, 10 litre low level white P.V.C flusing cistren, including flush pipe , manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete,</p>	2.00		Each	

	including cutting and making good the walls and floors wherever required. White vitreous china Orissa pattern W.C.pan of size 580x440mm with integral type foot rests.				
34. 18.5 3.1	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 - 15 mm nominal bore.	3.00		Each	
35. 18.5 4.1	Providing and fixing PTMT bib cock of approved quality and colour 15 mm nominal bore, 86mm long weighing not less than 88 gms.	3.00		Each	
36. 18.7 4.2	Providing and fixing unplasticised PVC connection pipe with PTMT nuts of approved quality and colour 15 mm nominal bore with 45 cm length.	3.00		Each	
37. 17.2 8.2.1	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete - Flexible pipe - 32mm dia.	1.00		Each	
38. 17.3 1	Providing and fixing 600x450mm 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.	2.00		Each	
	<b>TOTAL</b>				

**Terms & Conditions:**

- i) The rates specified are firm and not subject to any variation.
- ii) The work should be completed within a period of 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**