

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

**SCHEDULE OF WORK**

*Name of the work:* Annual maintenance and special repair works at Ganga hostel 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. 17.7. 6	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps ,32 mm C.P.brass waste of standard pattern , including painting of fittings and brackets ,cutting and making good the walls wherever required - white vitreous china anglet back wash basin size 400x400 mm with single 15mm C.P. brass pillar tap	12		each	
2. 18.7 4.2	Providing and fixing unplasticised P.V.C. connection pipe with PTMT nuts, collar, and bush of approved quality and colour - 15 mm nominal bore with 45cm length	12		each	
3. 17.1 8.1	Providing and fixing P.V.C.low level flushing cistern with manually controlled device (handle lever) conforming to IS:7231, with all fittings and fixtures complete - 10 litre capacity -white	10		each	
4. 18.6 4	Providing and fixing PTMT swivelling shower, 15mm nominal bore, weighing not less than 40 gms	1		each	
5. 18.5 4.1	Providing and fixing PTMT bib cock of approved quality and colour - 15mm nominal bore, 86 mm long , weighing not less than 88gms	2		each	
6. 18.6 3	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	1		each	
7. 17.2 8.2.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC waste fittings complete - flexible pipe - 32mm dia	1		each	
8. 15.2 3.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead - for thickness of tiles 10mm to 25mm	156		sqm	
9.	Providing and laying ceramic glazed	25		sqm	

11.3 8.2	floor tiles of size 300 x 300 mm (thickness to be specified by the manufacturer) , of commercial quality conforming to IS :15622, of approved make (Bell / Johnson / Regency / Somany / Naveen / Asian) in all colours, shades, except white , ivory, grey, fume red brown, laid on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand), including pointing the joints with white cement and matching pigments etc., complete				
10. 17.1 3.2	Providing and fixing white vitreous china water closet squatting pan (Indian type) - Orissa pattern W.C.pan of size 580x440mm	1		each	
11. AR	Providing and fixing netlon mesh to the windows using with velcrow etc. The rate include cost of material, labour charges for stitching and fixing etc. complete	102		Sqm	
12. 15.1 3.1	Taking out doors, windows and clerestory each window shutters (steel or wood) including stacking within 50 metres lead - of area 3 sqm and below	9		each	
13. 15.1 2.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead - of area 3 sqm and below	1		each	
14. 9.53	Providing 40 X 5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30 x10 x 15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	4		each	
15. 9.21. 2	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 commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters - 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	4		sqm	

16. 9.1.2 P	Providing wood work in frames of doors , windows, clerestory windows and other frames , wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) -Padak wood	0.05		cum	
17. 9.9.1 .2p	Providing and fixing glazed shutters for doors , windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws -Padak wood - 30 mm thick	5		sqm	
18. 9.23	Extra for providing lipping with teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured)	4		sqm	
19. MR	Replastering and finishing the damaged/cutting portion of the alround window/door/ventilator frame wall etc. complete as directed by engineer-in-charge	1		Nos.	
20. 9.97. 2	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 - 250 x10 mm	2		each	
21 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 - 125 mm	11		each	
22. 9.97. 4	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 - 150 x10 mm	9		each	
23. 9.97. 5	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 - 100 x10 mm	9		each	

24. 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 - 300 X 16 mm	1		each	
25. 9.10 1.2	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	11		each	
26. 13.5 0.1	Applying priming coat - with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	24		sqm	
27. 13.6 1.1	Painting with synthetic enamel paint of approved brand and manufacutre to give an even shade - Two or more coats on new work	24		sqm	
28. 2.35. 4.1	Diluting and injecting chemical emulsion for POST - CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) - Treatment of existing masonry using chemical emulsion @ one litre per hole at 300mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 ( 1 cement : 2 coarse sand) to the full depth of the hole - with chlorpyriphos / lindane E.C. 20% with 1% concentration	723		metre	
29. 2.35. 5	Diluting and injecting chemical emulsion for POST - CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) - treatment at points of contact of wood work by chemical emulsion Chlorpyriphos / Lindane ( in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6mm dia holes at downward angle of 45 degree at 150mm centre to centre and sealing the same	394		metre	
30. 2.34.	Supplying chemical emulsion in sealed containers including delivery as specified - Chlorpyriphos / lindane	187		litre	

1	emulsifiable concentrate of 20%				
31. 14.4 6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc complete	12784		sqm	
32. 13.4 3.1	Applying one coat of water thinnable cement primer of approved brand and manufacturer on wall surface - water thinnable cement primer	12784		sqm	
33. AR	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade- two or more coats on old work	6909		Sqm	
34. 14.5 3.1C	Wall painting with plastic emulsion Commercial - of approved brand and manufacture to give an even shade - One or more coats on old work	2842		sqm	
35. 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	2336		sqm	
36. 14.6 7.1	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	5875		sqm	
37. 17.3 1	Providing and fixing 600x450 mm beveled 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	15		each	
38. 17.2 0.1	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete - white solid plastic seat with lid	7		each	
39. 14.6. 2B	Renewing glass panes,with wooden fillets wherever necessary - Float glass panes of thickness 5.5mm	2		sqm	
40. 11.4 1.2A	Providing and laying fully vitrified floor tiles of size 600 x600 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622 of approved make (Nitco / Rak / Johnson /Asian ) in	131		sqm	

	all colours and shades , laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) , including grouting the joints with white cement and matching pigments etc., complete - size of tile 600 x600 mm				
41. 11.3 6A	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) , 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 with pigment of matching shade complete – size 200x300 mm	2		sqm	
42. 9.48. 2	Providing and fixing M.S.grills of required pattern in frames of windows etc with M.S. flats , square or round bars etc. including priming coat with approved steel primer all complete - Fixed to openings / wooden frames with rawl plugs screws etc	75		kg	
	<b>TOTAL</b>				

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

**Contractor**

**Executive Engineer(oc)**