

PONDICHERRY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of work: Annual maintenance and special repair works to G-1, G-9, G-10, G-11, G-12, G-16, G-17, G-19, G-21, G-22 and G-24 quarters building (11 Nos.)

S. No.	Description	Qty.	Rate Rs.P.	Unit	Amount Rs.P.
1. 14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scarches etc.complete	2068		sqm	
2. 13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacturer on wall surface - water thinnable cement primer	2068		sqm	
3. AR	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade- two or more coats on old work	2068		sqm	
4. 14.54.1	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	913		sqm	
5. 14.53.1C	Wall painting with plastic emulsion Commercial - of approved brand and manufacture to give an even shade - One or more coats on old work	550		sqm	
6. 16.100	Acid cleaning for the existing Mosaic floors , glazed tiles work and removing the stains and decays to give a glassy look etc complete (The Acid used shall be 32% concentrated hydrochloric acid after taking on the precautionary measures)	385		sqm	
7. 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	246		metre	

	coarse sand) to the full depth of the hole – with chlorpyrifos / lindane E.C. 20% with 1% concentration				
8. 2.34.1	Supplying chemical emulsion in sealed containers including delivery as specified - Chlorpyrifos / lindane emulsifiable concentrate of 20%	41		litre	
9. 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	7.00		sqm	
10. 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)	7.00		sqm	
11. 9.1.2P	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	0.25		cum	
12. 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	1.00		sqm	
13. 15.13.1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead - of area 3 sqm and below	5		each	
14. 15.12.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including	6		each	

	chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead - of area 3 sqm and below				
15. MR	Replastering and finishing the damaged dismantled cutting portion of the around ventilator frames walls including paint finish etc complete as directed	6		No.	
16. 13.50.1	Applying priming coat - with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)	22		sqm	
17. 13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade - Two or more coats on new work	76.00		sqm	
18. 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	13		each	
19. 9.101.2	Providing and fixing aluminium hanging floor door stopper , ISI marked , anodized (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	25		each	
20. 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 - 125 mm	14		each	
21. 9.96.2	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 - 250 X 16 mm	4		each	
22. 9.97.3	Providing and fixing aluminium tower bolts , ISI	4		each	

	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 - 200 x10 mm				
23. 9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc complete	4		each	
24. 14.29	Providing and fixing M.S.round or square bars with M.S.flats at required spacing in wooden frames of windows and clerestory windows	27		kg	
25. 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)	16		each	
26. 18.74.2	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	2		each	
27. 18.64	Providing and fixing PTMT swivelling shower, 15mm nominal bore, weighing not less than 40 gms	5		each	
28. 17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C.pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231,with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required - W.C. pan with ISI marked white solid plastic seat and lid	1		each	
29. 17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved	2		each	

	quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P.brass screws and washers complete				
30. 9.120.1	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S.tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15 x15 mm for top & bottom rails. M.S.frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top , bottom and lock rails shall be provided both side of the panel. 10mm (5 mm x 2) thick , 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail , panelling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded / sealed to the styles & rails with 7 mm (5 mm + 2 mm) thick x 15 mm wide PVC sheet beading on inner side , and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete manufacturer's specification & drawing - 30mm thick plain PVC door shutters	2		sqm	
31. 9.46.2	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate ,	9		metre	

	with two chromium plated brass brackets fixed with C.P.brass screws and wooden plugs , etc., wherever necessary complete - 20mm dia				
32. 14.1.1	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq.metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead – with cement mortar 1:4 (1 cement : 4fine sand)	4.00		sqm	
33. 13.26A	Providing and applying ready mixed wall putty (JK / Birla) of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	21.00		sqm	
34. 10.27	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	828.00		kg	
35. AR	Providing and fixing 1 mm thick M.s sheet over the steel grill by using welding etc. The rate include cost of all material, labour and hire charges the welding machine etc complete as directed by the Engineer in charge	11.00		sqm	
36. 17.73.2	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour - 600 mm long towel rail with total length of645 mm, 78 mm wide and effective height of 88mm, weighing not less than 190 gms	1		each	
37. 10.5.2	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	12.00		sqm	

	complete, including applying a priming coat of approved steel primer - Using flats 30x6 mm for diagonal braces and central cross piece				
	Total				

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

Contractor

Executive Engineer(oc)