

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

**SCHEDULE OF WORK**

*Name of the work:* Annual maintenance and special repairs to D-13 staff quarters .

Sl No:	Description	Qty	Rate	Unit	Amount
1. 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	
2. 15.1 3.1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead - of area 3 sqm and below	1		each	
3. 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	
4. 9.53	Providing 40 X 5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bots, 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	
5. MR	Replastering and finishing the damaged dismantled portion of the window frame wall including paint finishing etc complete as directed	1		No.	
6. 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	2		sqm	
7. 9.10 0.2	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 - 100 mm	4		each	
8. 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	4		each	

9. 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	4		each	
10. 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	6		sqm	
11. 11.3 8.2	Providing and laying ceramic glazed 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	6		sqm	
12. 16.1 00	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)	28		sqm	
13. 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	
14. 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	1		each	
15. 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. flusing 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	
16. 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	3		each	

17. 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	1		each	
18. 18.5 8.1.1	Providing and fixing PTMT grating of approved quality and colour - circular type - 100mm nominal dia	3		each	
19. 18.6 3	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	3		each	
20. 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	3		each	
21. 18.6 4	Providing and fixing PTMT swivelling shower, 15mm nominal bore, weighing not less than 40 gms	1		each	
22. 17.7. 3	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 wash basin size 550x400 mm with a pair of 15 mm C.P.brass pillar taps	1		each	
23. 9.51. 1B	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4mm in both directions with wire of dia 0.63 mm all complete – with Burma teak wood beading 62 X 19 mm	1		sqm	
24. 9.11 9	Providing and fixing factory made P.V.C. door frame of size 50x 47 mm with a wall thickness of 5mm , made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 nos , of 150mm long brackets of 15 x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19 x19 mm M.S.square tube of 19 gauge , EPDM rubber gasket weather seal to be provided through out the frame . The door frame to be fixed to the wall using M.S.screws of 65 / 100 mm size, complete as per manufacturer's specification	5		metre	
25. 9.12 0.1	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'	2		sqm	

	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				
26. AR	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade- two or more coats on old work	296		sqm	
27. 14.4 2.2	White washing with lime to give an even shade - Old work (one or more coats)	79		sqm	
28. 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	95		sqm	
29. 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)	5		sqm	
30. 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	5		sqm	
31. 16.9 0	Polishing the existing mosaic floor with Power polisher to a high degree of polish as to be perfectly smooth	89		sqm	
32. 18.9. 11	Providing and fixing ASTM pipes including all ASTM plain& brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing . This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall ) - 20mm nominal outer dia pipes	10		metre	
33. 18.9.	Providing and fixing ASTM pipes including all ASTM plain& brass	15		metre	

12	threaded fittings i/c fixing the pipe with clamps at 1.00m spacing . This includes jointing of pipes & fitting with one step ASTM solvent cement and testing of joints complete (Internal work exposed on wall ) - 25mm nominal outer dia pipes				
34. AR	Providing and fixing ASTM valve of approved quality- 20 mm dia	1		No.	
35. AR	Providing and fixing ASTM valve of approved quality- 25 mm dia	1		No.	
36. 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	24		sqm	
	<b>TOTAL</b>				

**Terms & Conditions:**

- i) The rates specified are firm and not subject to any variation.
- ii) The work should be completed within 20days.
- 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)**