

**PONDICHERY UNIVERSITY**  
**ENGINEERING WING**

**SCHEDULE OF WORK**

*Name of the work:* Internal painting and special repairs to the class room and newly established seminar hall at department of Computer Science, Science block-II

<b>S. No.</b>	<b>Description</b>	<b>Qty.</b>	<b>Rate Rs.P.</b>	<b>Unit</b>	<b>Amount Rs.P.</b>
1. 15.7. 4	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead - in cement mortar	34.00		Cum	
2. 15.2 3.1	Dismantling tile work in floors and roofs/ dado laid in cement mortar including stacking material within 50 metres lead - for thickness of tiles 10mm to 25mm	7.00		Sqm	
3. 15.3	Demolishing R.C.C work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead	3.00		Cum	
4. 15.5 7	Dismantling aluminium / gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 metres lead	14.00		Sqm	
5. 15.5 6	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	182.00		Sqm	
6. MR	Dismantling PVC solid waste pipes, water line pipes, clamps and Sinks, damaged/ corroded three way lab tapes after taking out the pipes, sink and three way taps manually / by mechanical means including stacking of pipes within 50 metres lead- 15mm to 70mm. The rate including cost of labours and materials etc., complete as direction by the Engineer – in-charge. (Approximately 50 running meter pipes and 5 sinks and three way lab tapes)	1.00		Job	
7. 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.	1150		Sqm	
8. MR	Removing the existing damaged polyvinyl chloride sheet, stains, adhesive and stacking of polyvinyl chloride sheet within 50 metres lead- 1.5 to 2mm thick. The rate including cost of labours etc., complete as	1.00		Job	

	direction by the Engineer – in-charge. (Approximately 180 Sqm)				
9. 15.5 7	Removing the existing partly damaged fixed glass panes, wooden battens, Nailed and stacking of serviceable materials and disposal of unserviceable materials respectively within 50 metres lead. The rate including cost of labours etc., complete as direction by the Engineer – in-charge. (Approximately 13 Sqm)	1.00		Job	
10. 16.9 0	Poiling the existing mosaic floor with Power polisher to a high degree of polish as to be perfectly smooth.	192.00		Sqm	
11. 6.4.2	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor five level in all shapes and sizes in - cement mortar 1:6 ( 1 cement : 6 coarse sand)	0.10		Cum	
12. 11.4 0.1	Providing and laying rectified ceramic rustic / matt finish floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS:15622 of approved make (Somany / Nitco) in all colours, shades, except white, ivory, grey, fume red brown, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigments etc., complete	6.00		Sqm	
13. 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	280.00		Kg	
14. 13.3. 2	20mm cement plaster of mix -1:6 (1 cement : 6 fine sand)	260.00		Sqm	
15. 13.4 3.1	Applying one coat of cement primer of approved brand and manufacture on wall surface - Cement primer	150.00		Sqm	
16. 13.2 6A	Providing and applying ready mixed wall putty (JK / BIRLA ) of 2mm thickness over plastered surface to prepare the surface even and smooth complete	132.00		Sqm	
17. MR	Providing and fixing double scaffolding system on the exterior side, upto three story height made with 100mm dia Casuarina poles 2.4m centre to centre horizontal &	650.00		Sqm	

	vertical Casuarina tied with necessary rops /coir joining Casuarina and in the scaffolding for working platform 45cm width etc. and maintaining it is a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as approved. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. (To be used for maintenance work judicially necessary. The rate includes of transportation charges for materials digging holes to depth of 90cm in earth/concreted surface etc., for fixing the vertical poles, refilling the holes with available materials and leveling site after completion of purpose as directed by the Engineer-in-charge. (Overall scaffolding size 7.30x11mx8Nos = 642.40 Sqm)				
18. MR	Wall painting with plastic emulsion commercial of approved brand and manufacture to give an even shade two or more coats on old work	612.00		Sqm	
19. 13.4 7.1	Finishing walls with premium acrylic smooth exterior paint with silicone additives of required shade - New work / Old work (two or more coats applied @1.43 ltr / 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg / 10sqm).	150		Sqm	
20. 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	1200		Sqm	
21. 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	160.00		Sqm	
22. 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	12.00		Sqm	
23. MR	Labour engaged for cutting and removing the Ficus Religiosa trees (Arasa Maram) with roots to a height of 30 ft. from the existing ground level and hired the tree cutter machine for cutting the bottom trees	1.00		Job	

	roots and hired the drilling machine and acid etc., complete as directed by the Engineer-in-charge. The rate include cost of engaged labouers and hire charges for drilling machine and cutter machine etc.,				
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 manufacturter's specification	10.00		Rmt	
25. 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 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 & bottom rail, panelling of 5mm thick both side prelam PVC sheet to be fitted in the M.S.frame welded / sealed to the stiles & 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 & drawing	3.00		Sqm	
26. 9.10	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868)	8.00		Each	

0.2	transparent or dyed to required colour or shade with necessary screws etc.complete :- 100mm				
27. 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	4.00		Each	
28. 17.6 9.1	Providing and fixing PTMT waste coupling for wash basin and sink, of approved quality and colour waste coupling 3.1mm of 79mm length and 62mm breadth weighing not less than 45 gm.	4.00		Each	
29. 18.6 3	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 grams.	6.00		Each	
30. 18.5 6.1	Providing and fixing PTMT pillar cock of approved quality and colour 15mm nominal bore, 107mm long, weighing not less than 110 grams.	2.00		Each	
31. 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.	4.00		Each	
32. 18.2 1.2.1	Providing and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore.	2.00		Each	
33. 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	20.00		Each	
34. 9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564 , embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm) ,with double speed adjustment with necessary accessories and screws etc.complete	8.00		Each	
	<b>Total</b>				

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

**Contractor**

**Executive Engineer**