

PONDICHERRY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of the work : Maintenance of Humanities and Social Science Block- School of Education

Sl No:	Description	Qty	Rate	Unit	Amount
1. 21.1. 1.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS:733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions ,i.e at top, bottom and sides with required EPDM rubber / neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing / paneling , C.P.brass / stainless steel screws , all complete as per architectural drawings (Glazing, paneling and dash fasteners to be paid for separately) - for fixed portion - Powder coated aluminium (minimum thickness of powder coating 50 micron)	35.00		kg	
2. 21.1. 2.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS:733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions ,i.e at top, bottom and sides with required EPDM rubber / neoprene gasket etc. Aluminiumsections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing / paneling , C.P.brass / stainless steel screws , all complete as per architectural drawings (Glazing, paneling and dash fasteners to be paid for separately) - for shutters of	7.00		kg	

	doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (fittings shall be paid for separately) - Powder coated aluminium (minimum thickness of powder coating 50 micron)				
3. 21.2. 2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 grade I type II , in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings- Pre - laminated particle board with decorative lamination on both sides	11.00		sqm	
4. 21.3. 2	Providing and fixing glazing in aluminium door, window , ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings (cost of aluminium snap beading shall be paid in basic item) - with float glass panes of 5.50 mm thickness	6.00		sqm	
5. 12.2 6.2	Providing and fixing plain mutipurpose cement board (high pressure steam cured) with suitable screws for cement particle board in ceiling etc.complete (frame work to be paid separately)- 6mmthick Cement bonded wood particle board as per IS :14276	37.00		sqm	
6. 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	6.00		each	
7. 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	2.00		each	
8. 17.2	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete - white solid plastic seat with	2.00		each	

0.1	lid				
9. 17.7 8.1	Providing and fixing CP brass health faucet of approved quality - 15 mm nominal bore	2.00		each	
10. 14.5 3.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade - One or more coats on old work	455.00		sqm	
11. MR	Supplying and fixing Fleet screen using approved quality screen cloth with not less than 1200 mm width with necessary curtain rod rainbow with all fittings , screen cloth should be not less than Rs 165.00 for screen cloth (ICE CRUSH). and not less than Rs89.00 for inner lining material the rate includes of all labour charge for material, transport , and fixing charges etc., complete as per the direction of engineer in charge				
	a) screen cloth material(ICE CRUSH).	132.00		Rmt	
	b) screen cloth inner lining material	132.00		Rmt	
	c) Stitching charge	82.00		Part	
	d) Curtain rod(rainbow / Marvel)	50.00		Rmt	
	e) Rod fixing charge	41.00		Each	
12. 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	725.00		kg	
13. 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' 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	1.50		sqm	

	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				
14. 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	4.90		metre	
15. 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	144.00		sqm	
16. 27.3 1.1	Providing , mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and complete in all respect - SBR Polymer (@ 10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	144.00		sqm	
17. 27.3 2.1	Providing , mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement : 4 graded coarse sand with polymer minimum 2% by wt.of cement used) as per specifications . Note: Measurement and Payment : The Pre-measurement of thickness shall be done just after the surface preparation is completed and payment under this item	144.00		sqm	

	shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and / or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N / Sqmm) - 12mm average thickness				
18. 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	48.20		sqm	
19. 14.7 2	Providing and fixing double scaffolding system (cup lock type) on the exterior side, upto seven story hight made with 40 mm dia .M.S.tube 1.5m centre to centre , horizontal & vertical tubes joining with cup & lock system with M.S.tubes, M.S.tubechallies, M.S.clamps and M.S.staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. 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. (Note: This item to be used for maintenance work judicically, necessary deduction for scaffolding in the existing item to be done.)	144.00		sqm	
20. MR	Aluminum window service by taking out shutters, fixing necessary rubber beading wherever necessary replacement of damaged wheels, push lock hinges etc complete. The rate include cost of materials and all labour charges.	32.00		Each	
21. 9.10 1.1	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	5.00		each	

	and shade with necessary screws etc.complete - single rubber stopper				
22. 9.84	Providing and fixing IS:3564 make aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc.complete	4.00		each	
23. 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	2.00		Each	
24. 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	2.00		each	
25. 21.1 3	Providing and fixing 100mm X 35 mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	1.00		No	
	TOTAL				

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

Contractor

Executive Engineer(oc)