

NAIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620015
DEPARTMENT OF ESTATE MAINTRNANCE

SCHDULE OF WORKS

N/W :Providing painting and Aluminium partition in MME and Electrical Engg. Departments.

Name of the Agency :

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	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 :	2.00	each			
1.1	200x10 mm					
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 :	2.00	each			
2.1	125 mm					
3	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.	1.00	each			
3.1	Single rubber stopper					
4	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.	1.00	sqm			
4.1	40 mm thick with 20 mm nominal size stone aggregate					

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
5	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.	4.00	sqm			
5.1	Size of Tile 600x600 mm					
6	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :	4,250.00	sqm			
6.1	Water thinnable cement primer					
7	Finishing walls with Acrylic Smooth exterior paint of required shade :	1,800.00	sqm			
7.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)					
8	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :	2,450.00	sqm			
8.1	Two or more coats on new work					
9	White washing with lime to give an even shade :	370.00	sqm			
9.1	Old work (one or more coats)					
10	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	4,250.00	sqm			

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
11	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :	420.00	sqm			
11.1	Old work (one or more coats)					
12	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade :	3,000.00	sqm			
12.1	One or more coats on old work					
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :	1,000.00	sqm			
13.1	One or more coats on old work					
14	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 meters lead as directed by Engineer-in-charge.	12.00	sqm			
15	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	15.00	cum			

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
16	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 and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :	60.00	kg			
16.1	For fixed portion					
16.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)					
16.2	For shutters of 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)	15.00	kg			
16.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)					
17	Providing and fixing 12 mm thick pre-laminated 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 and directions of engineer-in-charge.	12.00	sqm			
17.1	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side					

ITEM No	SUB-HEADS AND ITEM OF WORK	QUANTITY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
18	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 and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):	5.00	sqm			
18.1	With float glass panes of 5.00 mm thickness					
19	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	5.00	kg			

Signature of Contractor

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Chief of Works