

TECHNICAL SPECIFICATIONS OF THE ITEM/WORK

**Name and Scope of work: Providing & Fixing of Aluminum Partitioning in Room no. 217 of Electronics
& Communication Engineering Department.**

Sr. No.	Item Description	Qty	Unit	Rate	Amount
1	WOOD & P.V.C. WORK				
1.1	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete :				
1.1.1	100x58x1.90 mm	8.00	Each		
1.2	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	2.00	Each		
1.3	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	2.00	Each		
1.4	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 :				
1.4.1	300x16 mm	2.00	Each		
1.5	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 :				
1.5.1	150x10 mm	4.00	Each		
1.6	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 :				
1.6.1	100 mm	4.00	Each		

2	ALUMINIUM WORK					
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 and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
2.1	For fixed portion					
2.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	175.1	Kg			
2.2	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).					
2.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	40.90	Kg			
2.3	Providing and fixing 12mm 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.					
2.3.1	Pre-laminated particle board with decorative lamination on both sides.	36.82	Sqm			

Type: Civil works.

Location of work: NIT, Kurukshetra.