

Schedule of Quantity

Name of Work: Renovation / Replacement of existing cupboard and tables of Administration Section of room No 215 & 217 at ICAR-CRIJAF, Barrackpore, Kolkata SH: Civil Works

SLNo	Description	Quantity	Unit	Rate	Amount	DSR No.
1	WOOD AND P. V. C. WORK					9
1.1	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	93	sqm	106.70	9923.00	9.26
1.2	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.					9.79
1.2.1	50 mm	48	each	356.75	17124.00	9.79.2
1.3	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 :					9.97
1.3.1	100x10 mm	40	each	64.70	2588.00	9.97.5
1.4	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	210	metre	102.15	21452.00	9.112
1.5	Providing and fixing magnetic catcher of approved quality in cupboard/ ward robe shutters, including fixing with necessary screws etc. complete.					9.114
1.5.1	Double strip (horizontal type)	88	each	39.70	3494.00	9.114.2
1.6	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge,	8	one set	414.20	3314.00	9.115
1.7	Providing and fixing cupboard shutter with 19 mm thick one side decorative and other side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand including 2 mm thick PVC edge banding tape with hot glue by edge bending machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer-in-charge. (Payment of providing and fixing auto closing hinges shall be paid separately)	96	sqm	2829.25	271608.00	9.168
1.8	Providing and fixing 19 mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS : 710 of approved brand boxes,shelves,racks,almirah,cupboard and drawer etc. including necessary nails,screws etc. complete as per direction of Engineer-in-charge.	195	sqm	2593.15	505664.00	9.169
1.9	Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc. complete as per direction of Engineer-in-charge.					9.17
1.9.1	200 mm	96	each	186.65	17918.00	9.170.1
1.1	Providing and fixing stainless steel soft closing spring hinges at 0 degree hinges (hydraulic type) of approved make/brand to cupboard shutters with full threaded steel screws including making necessary recess in board and finished etc. complete as per direction of Engineer-in-charge.	176	each	272.00	47872.00	9.171
1.11	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per direction of Engineer-in-charge,	8	one set	885.10	7081.00	9.172
2	FINISHING					13
2.1	Varnishing with varnish of approved brand and manufacture:					13.67
2.1.1	Two or more coats of glue sizing with copal varnish over an under coat of flattening varnish	195	sqm	236.10	46040.00	13.67.1
2.2	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.					13.83
2.2.1	Two coats	190	sqm	142.80	27132.00	13.83.2
2.3	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.					13.85

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2.3.1	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	190	sqm	73.95	14051.00	13.85.3
2.4	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	172	sqm	19.75	3397.00	13.88
2.5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:					13.99
2.5.1	One or more coats on old work	50	sqm	102.80	5140.00	13.99.1
3	REPAIRS TO BUILDING					14
3.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					14.1
3.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	10	sqm	547.40	5474.00	14.1.1
4	Dismantling and Demolishing					15
4.1	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.	8	sqm	54.65	437.00	15.56
4.2	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.	5	cum	263.95	1320.00	15.6
5	ALUMINIUM WORK					21
5.1	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 / panelling, 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) :					21.1
5.1.1	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)					21.1.2
5.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	6	kg	634.45	3807.00	21.1.2.2
5.2	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer- in-charge.					21.4
5.2.1	With stainless steel cover plate minimum 1.25 mm thickness	2	each	2823.85	5648.00	21.4.1
5.3	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.					21.8
5.3.1	Upto 5 mm depth and 5 mm width	21	metre	96.75	2032.00	21.8.1
5.4	Providing and fixing Brass 100 mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	4	each	528.85	2115.00	21.13
	Total				1024631.00	
	Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973 * 1024631 = 996966				996966.00	
	Add Cost Index @22% on SR&DR Total 9,96,966.00				219333.00	
	Total				1216299.00	

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6	NON-SCHEDULE ITEM					
6.1	Repairing of aluminium work for door, windows, ventilation and partitions with extruded built up standard tubular section / appropriate 2 sections and other sections including necessary filling up the gaps at junction, i.e. at top, bottom and sides with required EPDM rubber / neoprene gasket etc. and the direction of engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately).					
6.1.1	For shutters of doors, windows & ventilators including replace of damage hinges/ Plots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fitting shall be paid for separately).	8	sqm	476	3808.00	
6.2	Providing and fixing 100mm vertical blinds having 1.20 mm to 1.3mm wall thickness head rail 20mm to 25mm high x 40mm to 50mm wide extruded high strength aluminium alloy section which is anodised for smooth and corrosion resistance finish for which it has end control unit state of art planetary reduction gear box having the deduction ratio of 3:1 to 6:1 . The end control unit has a sprocket fixed with it which is driven by the tiliter ahcin made of 4.5mm plastic beads moulded on 2.20 mm thick polyester cord which rotates the louvers by 180 degree. The tilting operation will be smooth end control unit has tilt rod fixed to it which is of 80mm to 6.00 mm average diameter and made of extruded aluminium with 3Key ways to achieve torsional deflection carrier (runner) made of moulded plastic having anti friction additive which has gear and worm mechanism to hold the louver and is driven by tilt rod to rotate the louvers, Proper spacing of runner is maintained by spacer made of moulded derlin/ stainless steel having anti friction additive spacer ensures overlapping of louvers which are made of specification of vista or equivalent chemical painted fabrics weight 220 to 230gm/sqm in varying widths. Louvers to be kept straight and prevented from swaying by bottom mechanism (Weight and chain).	4	sqm	2166	8664.00	
6.3	Deduct for dismantling materials taking away from site and cleaning the site and cleaning the site as per direction of Engineer-in-charge (Dismantling materials shall be the property of the contractor for which credit shall given to the Department.)					
6.3.1	Wardrobe Cubboard	-8	each	1770	-14160.00	
6.3.2	Wooden Table	-9	each	2360	-21240.00	
6.4	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987					
6.4.1	12 mm thick clear glass.	20	sqm	1499	29980.00	
	Total				1223351.00	

Executive Engineer
BCD-II, CPWD, Barasat