

University of Kerala
Engineering Unit, Kariavattom

TENDER SCHEDULE FOR THE SETTING UP OF RESOURCE CENTRE IN KERALA UNIVERSITY LIBRARY, PALAYAM - CIVIL WORK						
Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1	73.95	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):Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	554.14	Rs.Five hundred & fifty four & ps. Fourteen only	40978.65
2	34.65	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) Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	641.26	Rs.Six hundred & forty one & ps. Twenty six only	22219.66
3	16.68	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 and directions of Engineer - in- Charge.	m ²	1190.94	Rs.One thousand one hundred & ninety & ps. Ninety four only	19864.88
4	9.84	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): With float glass panes of 5.50 mm thickness	m ²	1446.89	Rs.One thousand four hundred & forty six & ps. Eighty nine only	14237.40
5	1	Providing and fixing 100 mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete	E	517.39	Rs.Five hundred & seventeen & ps. Thirty nine only	517.39

6	38.92	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre Fully Perforated Gypsum Plaster Board of size 1200 x 2400 x 12.5 mm having approx. 15% perforated area with perforation size and pattern as approved by the Engineer - in- charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60e, wit Fully Perforated Gypsum Plaster Board of size 1200 x 2400 x 12.5 mm having approx. 15% perforated area with perforation size and pattern as approved by the Engineer - in- charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60h 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5x25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with: Fully Perforated Gypsum Plaster Board of size 1200 x 2400 x 12.5 mm having approx. 15% perforated area with perforation size and pattern as approved by the Engineer - in- charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60.</p>	m ²	1636.48	Rs.One thousand six hundred & thirty six &ps. Forty eight only	63691.80
7	2	<p>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: 125 mm</p>	E	73.65	Rs.Seventy three & ps. Sixty five only	147.30

8	1	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.	E	597.31	Rs.Five hundred & ninety seven & ps. Thirty one only	597.31
		TOTAL				162254.39

PAC Rs.1,62,254/- (Rupees One lakh sixty two thousand two hundred & fifty four only)

1. I/We agreed to execute the work.

2.% above the estimate rate.

2.% below the estimate rate.

3. At the estimate rate.

CONTRACTOR

sd/-
UNIVERSITY ENGINEER