

UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM

Tender schedule for the Civil works for setting up of computer lab in the Department of Education, Thycaud Thiruvananthapuram

Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1.00	95.00	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately). 18 mm thick	m ²	1762.97	Rs.One thousand Seven hundred & Sixty Two & ps. Ninety Seven only	167,482.15
2.00	250.00	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.	m	90.64	Rs.Ninety & ps. Sixty Four only	22,660.00
3.00	45.00	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer in charge.	pair	291.80	Rs.Two hundred & Ninety one & ps. Eighty only	13,131.00
4.00	200.00	Supplying and fixing oxidized/galvanised mild steel clamps (L shaped) each side having minimum 5 cm length and width 15 mm , 2 mm minimum thickness fixing with screws in every junction of particle boards as per departmental direction.	E	28.00	Rs.Twenty Eight only	5,600.00
5.00	0.10	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). I class anjily wood.	m ³	97501.40	Rs.Ninety Seven thousand Five hundred One & ps. Forty only	9,750.14

6.00	20.00	Polishing on wood work with ready mixed wax polish of approved brand and manufacture : New work	m ²	124.89	Rs. One hundred & Twenty four & ps. Eighty Nine only	2,497.80
7.00	80.00	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) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	554.04	Rs. Five hundred & Fifty Four & ps. Four only	44,323.20

8.00	20.00	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) :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	639.11	Rs.Six hundred & Thirty Nine & ps.Eleven only	12,782.20
9.00	5.00	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. With float glass panes of 5.5 mm thickness	m2	1546.19	Rs.One thousand Five hundred & Forty Six & ps. Nineteen only	7,730.95

10.00	10.00	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. Pre-laminated particle board with decorative lamination on oneside and balancing lamination on other side	m2	1526.76	Rs.One thousand Five hundred & twenty Six & ps. Seventy Six only	15,267.60
11.00	1.00	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	1105.53	Rs.One thousand One hundred & Five & ps. Fifty Three only	1,105.53
12.00	2.00	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	E	102.38	Rs.One hundred & Two & ps. Thirty Eight only	204.76
13.00	1.00	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineerin-charge.	E	683.41	Rs.Six hundred & Eighty Three & ps. Forty One only	683.41

14.00	1.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: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.Upto 5mm depth and 5 mm width White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	E	2650.47	Rs.Two thousand Six hundred & Fifty & ps. Forty Seven only	2,650.47
15.00	1.00	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15 mm nominal bore	E	744.64	Rs.Seven hundred & forty four & ps. Sixty Four only	744.64
16.00	1.00	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts,collar and bush of approved quality and colour.15 mm nominal bore with 45 cm length	E	109.56	Rs.One hundred & Nine & ps. Fifty Six only	109.56
17.00	1.00	Labour engaged for dismantling and refixing one wash basin with fittings, Coolie	E	560.47	Rs.Five hundred & Sixty & ps. Forty Seven only	560.47
		Total				307,283.88

PAC Rs.3,07,284/- (Rs. Three Lakh Seven thousand Two hundred & Eighty Four only)

I/We agreed to execute the work.

1.% above the estimate rate.

2.% below the estimate rate.

3. At the estimate rate.

CONTRACTOR

sd/-
UNIVERSITY ENGINEER