

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

Tender schedule for the work of providing shelves and connected civil works in Animal Tissue Culture Lab in the Department of Zoology at Kariavattom campus.

Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1	50.00	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): 21.1.1 For fixed portion 21.1.1.2 Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	554.14	Rupees Five hundred Fifty four and fourteen paise only.	27,707.00
2	45.00	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)	kg	641.26	Rupees Six hundred Forty one and Twenty six paise only.	28,856.70
3	2.50	Providing and fixing 12 mm thick prelaminate 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	sqm	1,248.94	Rupees One Thousands Two hundred Forty eight and Nienty four paise only.	3,122.35
4	12.00	Providing and fixing flat pressed 3 layer particle board medium density exterior grade (grade I) or graded wood particle board IS: 3087 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately):	sqm	977.06	Rupees Nine hundred Seventy seven and six paise only.	11,724.72

5	2.00	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.	Each	597.31	Five hundred Nienty Seven and thirti one paise only.	1,194.62
6	2.00	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. (Cost of aluminium snap beading shall be paid in basic item): with float glass panes of 4.0mm thickness	sqm	1,068.65	One Thousand sixty eight and Sixty five paise only.	2,137.30
7	2.00	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. (Cost of aluminium snap beading shall be paid in basic item): with float glass panes of 5.50mm thickness	sqm	1,446.89	One Thousand Four hundred Forty six and eight nine ps only.	2,893.78
8	2.00	Providing and fixing 100 mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete	Each	517.39	Five hundred seventeen and Thirty Nine paise only.	1,034.78
9	13.00	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-Charge.	Each	106.79	One Hundred six and sevenyy nine paise only.	1,388.27
10	2.20	Providing and fixing venetian blinds for windows including all fittings and labor charges etc. complete as per direction of Engineer	sqm	1,124.37	One Thousand one hundred twenty four and Thirty seven paise only.	2,473.61
11	12.00	Providing and fixing vertical blinds for windows including all fittings and labour charges etc complete.	sqm	1,311.38	One Thousand Three hundred eleven and Thirty eight paise only.	15,736.56
12	2.00	Labour engaged and making smooth the surface of doors and windows already fixed complete asper the direction of the Engineer	day	487.46	Four hundred eighty seven and Fourty six paise only.	974.92

13	2.00	Labour (coolie) engaged for rearranging the furniture in the lab, including transporting and stacking the unwanted furniture and related wood work in the departmental store whenever necessary, as per the direction of Engineer in Charge.	Each	616.01	Six hundred sixteen and one paise only.	1,232.02
		TOTAL				100,476.63

PAC Rs.1,00,477/- (Rs. One Lakh Four Hundred & Seventy Seven only)

I/We agreed to execute the work 1. At% above estimate rate

2. At estimate rate

3. At% below estimate rate

CONTRACTOR

UNIVERSITY ENGINEER