

**UNIVERSITY OF KERALA  
ENGINEERING UNIT, KARIAVATTOM**

**Tender schedule for the work of providing aluminium sliding window and doors for Library and HOD' s room in the Department of Environmental Sciences at Kariavattom campus.**

Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1	135.00	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	580.52	Rs.Five hundred & Eighty & ps. Fifty Two only	78,370.20

2	95.00	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	671.78	Rs.Six hundred & seventy one & ps.Seventy Eight only	63,819.10
3	30.00	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 4.0 mm thickness	m2	1,119.51	Rs.One thousand one hundred & Nineteen & ps. Fifty One only	33,585.30
4	1.00	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 5.50 mm thickness	m2	1,515.76	Rs.One thousand five hundred & fifteen & ps. Seventy Six only	1,515.76

5	6.00	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 both sides	m2	1,308.39	Rs.One thousand Three hundred &Eight & ps. Thirty Nine only	7,850.34
6	6.00	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineerin-chargePowder coated minimum thickness 50 micron aluminium	E	103.11	Rs.One hundred & Three & ps. Eleven only	618.66

7	3.00	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	E	542.02	Rs.Five hundred & forty two & ps. Two only	1,626.06
8	3.00	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	625.74	Rs.Six hundred & Twenty five & ps.Seventy Four only	1,877.22
9	76.00	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.Upto 5mm depth and 5 mm width	m	94.30	Rs. Ninety Four & ps. Thirty only	7,166.80
10	3.00	Labour engaged for demolition of chicken mesh as per the direction of Engineer in Charge,Coolie	E	645.34	Rs.Six hundred & forty five & ps. Thirty Four only	1,936.02
		<b>TOTAL</b>				<b>196,429</b>

PAC Rs.1,96,429/- (Rs. One Lakh Ninety six thousand Four hundred & Twenty nine only)

I/We agreed to execute the work.

2. ....% below the estimate rate.

1. ....% above the estimate rate.

3. At the estimate rate.

**CONTRACTOR**

**sd/-**  
**UNIVERSITY ENGINEER**