

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

Tender schedule for making access from the cellar and ground floor and providing aluminium partition and door to the new fire escape stair case in CE building

Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1.00	1.00	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	E	238.33	Rs.Two hundred & Thirty Eight & ps.Thirty three only	238.33
2.00	0.570	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. Cement mortar	m3	1272.32	Rs.One thousand Two hundred & Seventy Two & ps. Thirty two only	725.22
3.00	2.545	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge	m3	2196.08	Rs.Two thousand One Hundred & Ninety Six & ps. Eight only	5,589.02
4.00	7.755	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	m2	261.13	Rs.Two hundred & Sixty One & ps.Thirteen only	2,025.06
5.00	41.57	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	24,132.22

6.00	40.00	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	26,871.20
7.00	2.50	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	1515.76	Rs.One thousand Five hundred & Fifteen & ps. Seventy Six only	3,789.40
8.00	13.00	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 side.	m2	1308.39	Rs.One thousand Three hundred & Eight & ps. Thirty Nine only	17,009.07
9.00	18.00	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 200x10 mm colour or shade, with necessary screws etc. complete :	E	114.97	Rs.One hundred & Fourteen & ps. Ninety Seven only	2,069.46
10.00	3.00	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete	E	840.13	Rs.Eight hundred & Forty & ps. Thirteen only	2,520.39

11.00	6.00	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 :75 mm	E	58.81	Rs.Fifty Eight & ps. Eighty One only	352.86
12.00	4.00	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	2,502.96
13.00	12.00	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	m2	55.80	Rs.Fifty Five & ps. Eighty only	669.60
14.00	12.00	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	m3	127.51	Rs.One hundred & Twenty Seven & ps. Fifty One only	1,530.12
		Total				90,024.92

PAC Rs.90,025/- (Rs. Ninety thousand & Twenty Five 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**