

University of Kerala
Engineering Unit, Kariavattom

TENDER SCHEDULE FOR THE WORK OF MODIFICATION OF THE PLANT CULTURE LAB AT ROOM NO.106 AT DEPARTMENT OF BIO-CHEMISTRY
AT KARIAVATTOM CAMPUS

Sl.No.	Quantity		Specification	Unit	Rate	Rate in words	Amount
1	20	m ²	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters leadas directed by Engineer-in-charge. a)Aluminium partition	m ²	27.32	Rs. Twenty seven & ps. thirty two	546.40
2	2	Nos.	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete andstacking within 50 metres lead : of area beyond 3 sq. metres each 175.50 Windows	E	242.19	Rs. Two hundred & forty two & ps. nineteen	484.38
3	3	m ³	Brick work with common burnt clay FPS (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: 6.4.2 cement mortar 1:6 (1 cement: 6 coarse sand)	m ³	7,348.63	Rs. Seven thousand three hundred & forty eight & ps. sixty three only	22,045.89
4	25	m ²	12mm cement plaster of mix: 1:4 (1 cement: 4 coarse sand) for new brick work.	m ²	212.31	Rs. Two hundred & twelve & ps. thirty one only	5,307.75
5	24	m ²	Distemping with dry distemper of approved brand and manufacture(two or more coats) of required shade on new work, over and including water thinnable priming coat to give aneven shade.	m ²	85.28	Rs. Eighty five & ps. twenty eight only	2,046.72

6	105	Kg	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 373.0 for partitions.	Kg	514.74	Rs. Five hundred & fourteen & ps. seventy four	54,047.70
7	21	m ²	Providing and fixing 12 mm thick prelaminated particle board flatpressed 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.	m ²	1,471.08	Rs. One thousand four hundred & seventy one & ps. eighty only	30,892.68

8	21	m ²	Providing and fixing glazing in aluminium door, window, ventilatorshutters 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 sq mm 1009.00.	m ²	1,392.42	Rs. One thousand three hundred & ninety two & ps. forty two only	29,240.82
9			Providing and fixing factory made uPVC white colour casement/sliding window/door, made of extruded profiles. Profiles of frames and sash will be mitered cut and Ifusion welded at all corners, including drilling of holes for fixing hardware and drainage of water etc., making arrangement for fixing of hardware, EPDM gasket, 1.2 +- 0.2mm thick galvanised steel profile to be insered in required profile, frame will be fixed to the wall with 8mmx100mm long fasteners, all complete as per the direction Engineer-in-charge.Sliding door				
a.	17	m	Two Tract Sliding frame (67mmx52mm)	m	717.32	Rs. Seven hundred & seventeen & ps. thirty two only	12,194.44
b.	24	m	Sliding door sash (80mmx44mm)	m	884.23	Rs. Eighty hundred & eighty four & ps. twenty three only	21,221.52
c.	8.5	m	Sliding Interlock for door (one vertical length in each shutter(45.5mmx28mm)	m	191.54	Rs. One hundred & ninety one & ps. fifty four only	1,628.09
d.	21.5	m	Sliding Glazing bead (35mmx18mm)		229.08	Rs. Two hundred & twenty nine & ps. eighty only	4,925.22

10	4	Nos.	Providing and fixing steel (white powder coated) crescent lock for uPVC sliding window/door with necessary screws etc. complete.	E	169.87	Rs. One hundred & sixty nine & ps. eighty seven only	679.48
11	10	Nos.	Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.	E	145.79	Rs. One hundred & forty five & ps. seventy nine only	1,457.90
12	18	m ²	Supplying and fixing false ceiling using with aluminium powder coated 'L' angle of size 25.4x25.4x10mm (1767) for around frame and 25x25x1.27mm (3135) T. section for intermediate joints and providing anodised aluminium square tube of size 24x24x1.2mm (9810) at 60cm c/c changing with GI wire and fixed with 8mm thick pvc panel board with steel screws to the frames in correct line and level including all cost of materials, labour charges and hire and labour for scaffolding etc. complete. At plant culture lab.	m ²	926.00	Rs. Nine hundred & twenty six	16,668.00
			TOTAL				203,386.99

PAC Rs.2,03,387/- (Rs. Two lakh three thousand three hundred & eighty seven only)

I/We agree to execute the work. 1.% below the estimate rate.

2.% above estimate rate. 3. At the estimate rate.

UNIVERSITY ENGINEER

CONTRACTOR