

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

Quotation schedule for laying of tiles and renovation of attached toilet in the faculty room of the Department of Environmental Sciences at Kariavattom Campus.

Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1	0.50	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	m3	1436.94	Rs.One thousand four hundred & thirty six & ps. Ninety four only	718.47
2	20.00	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	m2	157.59	Rs.One hundred & fifty seven & ps. Fifty Nine only	3,151.80
3	1.00	Fixing departmental EWC in position and giving connection to the existing drainage line etc complete as per direction of the Engineer in charge.	E	2111.89	Rs.Two thousand one hundred & eleven & ps. Eighty Nine only	2,111.89
4	3.00	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	m3	181.24	Rs.One hundred & Eighty One & ps. Twenty Four only	543.72
5	1.00	Dismantling and removing EWC carefully for reuse and removing the debris with in a distance of 50 m	E	326.00	Rs.Three hundred & Twenty Six only	326.00

6	1.00	Dismantling and removing damaged wash basin and stacking available fittings for reuse and removing the debris with in a distance of 50 m.	E	286.25	Rs.Two hundred & Eighty six & ps. Twenty Five only	286.25
7	0.500	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm	m3	7100.79	Rs.Seven thousand One hundred & ps. Seventy Nine only	3,550.40
8	1.000	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:White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	E	2619.16	Rs.Two thousand six hundred & Nineteen & ps. Sixteen only	2,619.16
9	15.00	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 12 kgf/cm ²	m	344.45	Rs.Three Hundred and Forty Four & ps. Forty Five only	5,166.75
10	10.00	Providing and fixing PVC pipes including fixing the pipe with clamps/ clip at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63 mm dia 6 Kg/cm ² - External work - Exposed on wall	m	235.49	Rs.Two Hundred and Thirty Five & ps. Forty Nine only	2,354.90
11	7.00	Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 mm dia 6 Kg/cm ² - External work- Exposed on wall	m	348.94	Rs.Three hundred & Forty Eight & ps. Ninety Four only	2,442.58
12	1.00	Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, including jointing with PVC solvent cement -110 mm dia Vent cowl	E	120.43	Rs.One hundred & twenty & ps. Forty Three only	120.43

13	12.00	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineerin- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	m2	1073.40	Rs.One thousand Seventy Three & ps. Forty only	12,880.80
14	4.00	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	m2	992.06	Rs.Nine hundred & ninety Two & ps. Six only	3,968.24
15	10.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).Size of Tile 600x600 mm	m2	1787.95	Rs.One thousand Seven Hundred and Eighty Seven & ps. Ninety Five only	17,879.50
16	50.00	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work	m2	79.62	Rs.Seventy Nine & ps. Sixty Two only	3,981.00
17	1.00	Providing and fixing uplasticised PVC connection pipe with brass unions :30 cm length 15 mm nominal bore	E	85.61	Rs.Eighty Five & ps. Sixty one only	85.61
18	1.00	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	E	709.86	Rs.Seven hundred & nine & ps. Eighty Six only	709.86

19	1.00	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White	E	1198.36	Rs.One thousand One Hundred and Ninety Eight & ps. Thirty Six only	1,198.36
20	1.00	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm	E	1084.94	Rs.One thousand and Eighty Four & ps. Ninety Four only	1,084.94
21	1.00	Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	E	127.77	Rs.One hundred &Twenty seven & ps. Seventy seven only	127.77
22	1.00	Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.	E	757.89	Rs.Seven hundred &Fifty seven & ps. Eighty Nine only	757.89
23	1.00	Providing and fixing PTMT grating of approved quality and colour.Rectangular type with openable circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating	E	216.26	Rs.Two hundred & Sixteen & ps. Twenty Six only	216.26
24	1.00	Providing and fixing 110 mm pvc floor trap	E	176.65	Rs.One hundred & Seventy six & ps.Sixty Five only	176.65
		Total				66,459.23

PAC Rs.66,459/- (Rs. Sixty Six thousand Four hundred & Fifty Nine 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**