

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

Tender schedule for Construction of RCC culvert in the boundary near Hymavathy Paddy field at Kariavattom Campus.

Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1	14.37	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	m3	229.52	Rupees Two hundred and Tenty Nine and paisa Fifty Two only	3,298.20
2	5.000	2.26.1 Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil	m3	71.38	Rupees Seventy One and paisa Thirty Eight only	356.90
3	2.80	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	m3	173.45	Rupees One Hundred and Seventy Three and paisa Forty Five only	485.66
4	0.70	4.1.3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	m3	7,561.25	Rupees Seven Thousand Five Hundred and Sixty One and paisaTwenty Five only	5,292.88

5	3.78	5.9.1 Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	m2	267.52	Rupees Two hundred and Sixty Seven and paisa Fifty Two only	1,011.23
6	18.40	5.9.2 Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	m2	522.20	Rupees Five hundred and Twenty Two and paisa Twenty only	9,608.48
7	3.60	5.9.6 Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	m2	645.31	Rupees Six hundred and Forty Five and paisa Thirty One only	2,323.12
8	3.440	5.9.3 Centering and shuttering including strutting, etc. and removal of	m2	582.48	Rupees Five hundred and Eighty Two and paisa Forty	2,003.73
9	394.00	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	kg	78.07	Rupees Seventy Eight and paisa Seven only	30,759.58

10	3.94	5.1.2 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	m3	8,572.83	Rupees Eight Thousand Five Hundred and Seventy Two and paisa Eighty Three only	33,776.95
		TOTAL				88,917
		PAC				88,917.00
PAC Rs.88917/- (Rs. Eighty Eight thousand Nine Hundred and Seventeen only)						

I/We agreed to execute the work.

1.% above the estimate rate.

2.% below the estimate rate.

3. At the estimate rate.

sd/-

CONTRACTOR

UNIVERSITY ENGINEER