

UNIVERSITY OF KERALA						
ENGINEERING UNIT, KARIAVATTOM						
Tender schedule for establishment of modern recirculating Aquaculture system near Hymavathy pond for Centre for marine diversity at Kariavattom campus.						
Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1.00	1000.00	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	m ²	10.38	Rs.Ten & ps. Thirty Eight only	10,380.00
2.00	20.00	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 upto 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.	m ³	239.82	RsTwo hundred & Thirty Nine & ps.Eighty Two only	4,796.40
3.00	85.00	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.	m ³	181.23	Rs.One hundred & Eighty One & ps. Twenty Three only	15,404.55
4.00	20.00	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :Cement mortar 1:6 (1 cement : 6 coarse sand)	m ³	5715.58	Rs.Five Thousand Seven hundred & Fifteen & ps. Fifty Eight only	114,311.60

5.00	1.50	Solid masonry using pre cast solid blocks (factory made) of size 30x15x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete	m ³	5941.93	Rs.Five Thousand Eight hundred & Fifty Four & ps. Seventy Eight only	8,912.90
6.00	0.80	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)	m ³	7900.59	RsSeven Thousand Nine hundred & ps. Fifty Nine only	6,320.47
7.00	9.30	Centering and shuttering including strutting, propping etc. and removal of form work for: Foundations, footings, bases for columns	m ²	279.52	Rs.Two hundred & Seventy Nine & ps.Fifty Two only	2,599.54
8.00	15.50	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 : 6 graded stone aggregate 20 mm and 40 mm nominal size in 50:50 ratio)	m ³	7061.46	RsSeven Thousand and Sixty One & ps. Forty Six only	109,452.63
9.00	155.00	12 mm cement plaster finished with a floating coat of neat cement of mix: 1:3 (1 cement : 3 fine sand)	m ²	326.86	Rs.Three hundred & Twenty Six & ps.Eighty Six only	50,663.30
10.00	31.00	12 mm cement plaster of mix: 1:4 (1 cement : 4 fine sand)	m ²	249.26	Rs.Two hundred & Forty Nine & ps. Twenty Six only	7,727.06
		Total				330,568.44

PAC Rs.3,30,568/- (Rs. Three Lakh Thirty thousand Five hundred &Sixty Eight 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