

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

**TENDER SCHEDULE FOR THE WORK OF PROVIDING PUMPING LINE AND ALLIED WORKS TO THE NEWLY CONSTRUCTED OPEN WELL FOR RAIN WATER
HARVESTING NEAR TO DEPARTMENT OF BOTANY AT KARIAVATTOM CAMPUS**

Sl.No.	Quantity		Specification	Unit	Rate	Rate in words	Amount
1	1	m ³	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for super structure with thickness 15cm in: CM 1:6 (1 cement :6 coarse sand) etc complete	m ³			
2	0.5	m ³	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 :	m ³			
3	70	kg	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.	kg			
4	30	m ²	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	m ²			
5	350	m	Providing and fixing unplasticized polyvinyl chloride (UPVC) pipes having thermal stability including all UPVC plain and brass threaded fittings.this includes jointing of pipes and fittings with one upvc solvent cement,trenching,refilling and testing of joints complete as per direction of Engineer in CHarge-external work-110 mm dia 10 Kg/cm2	m			

6	10	m	Providing and fixing unplasticized polyvinyl chloride (UPVC) pipes having thermal stability including all UPVC plain and brass threaded fittings.this includes jointing of pipes and fittings with one upvc solvent cement,trenching,refilling and testing of joints complete as per direction of Engineer in CHarge-external work- 90 mm dia 10 Kg/cm2	m			
7	26	m	Providing and fixing unplasticized polyvinyl chloride (UPVC) pipes having thermal stability including all UPVC plain and brass threaded fittings 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 10 Kgf/cm2 - External work- Exposed on wall	m			
8	37	m	Providing and fixing unplasticized polyvinyl chloride (UPVC) pipes having thermal stability including all UPVC plain and brass threaded fittings 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 90 mm dia 10 Kgf/cm2 - External work- Exposed on wall	m			
9	12	m	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 80mm dia nominal bore	m			
10	40	m	Supplying and fixing 10 mm GI rope with corrosion resistant coating of superior quality with necessary fittings as per direction of Engineer-in-charge.	m			

11	40	kg	Providing and fixing M.S. round or square bars with M.S. flats at required spacing in wooden frames of windows and clerestory windows.	kg			
12	2	Nos	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement as per direction of Engineer-in-charge. 90 mm Female Thread Connector/ Adapter 16kg/cm ²	E			
13	2	Nos	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 80 mm nominal bore	E			
14	2	Nos	Providing and fixing gun metal non- return valve of approved quality (screwed end) :80 mm nominal bore) 1 Horizontal	E			
15	1	No	Supplying fabricating and fitting M.S 'Y' of length 2 m and dia 110mm using M.S sheet of 8mm thickness .each end of the Y has to be connected with 10mm flange pair with 6mm IR sheet fixing with necessary nuts and bolts etc complete as per the direction of Engineer in charge.	E			

PAC Rs.

I/We agreed to execute the work at quoted rates.

CONTRACTOR

sd/-
UNIVERSITY ENGINEER