

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

**RE-TENDER SCHEDULE FOR PROVIDING WATER SUPPLY FOR IRRIGATION FACILITIES TO THE NEW BOTANICAL
GRADEN BEHIND THE BOTANY DEPARATMENT, KARIAVATTOM.**

No	Quantity	Description	Unit	Rate	Rate in words	Amount
1.	10M ³	Earth work excavation in hard soil for foundation and depositing the soil on the bank with initial lead up to 50M and lift upto 1.50M including breaking clods watering, ramming section of spoil bark etc. complete.	10M ³	2710.00	Rs.Two thousand seven hundred and ten only	2710/-
2.	2.25M ³	Plain cement concrete 1:4:8 using 40mm broken (Nominal size) including all charges for cost and conveyance, watering curing etc. complete.	M ³	5088.00	Rs.Five thousand and eighty eight only	11448/-
3.	7.50 M ³	Random rubble masonry in cement mortar 1:6 foundation and basement	M ³	3206.00	Rs.Three thousand two hundred and six only	24045/-
4.	6.50 M ³	Brick work in cement mortar 1:6 for superstructure using 1 st class country burnt bricks, including scaffolding charges , watering curing etc. complete	M ³	4512.00	Rs.Four thousand five hundred and twelve only	29328/-
5.	500dm3	Reinforced cement concrete 1:1 ½:3 using 20mm broken stone for lintel, sunshade, beam etc. including all form work, watering curing etc. but excluding reinforcement	10 dm3	148.00	Rs.Hundred and forty eight only	7400/-
6.	2000dm3	Reinforced cement concrete 1: ½ :3 using 20mm broken stone for roof slab including all form work, watering curing etc. but excluding reinforcement etc. complete.	10 dm3	142.00	Rs.Hundred and forty two only	28400/-
7.	3.50 Qtl.	Reinforcement for RCC work bent tied and placed in position, using TMT bar.	Qtl	7290.00	Rs.Seven thousand two hundred and ninty only	25515/-
8.	2.40 M ²	Fabricating and fixing MS door using frame work with MS hollow rectangular section 50x25mm for al-round and one intermediate horizontal fixing 1mm thick MS sheet inside the frame work with 25x5mm MS flat all round on edges both sides, providing necessary kondies for fixing door to the masonry wall, locking arrangements, handle etc.,	M ²	2123.00	Rs.Two thousand one hundred and twenty three only	5095/-

		painting two coat with synthetic enamel paint over a priming coat, fixing the door to the masonry with cement concrete etc. complete as per deptl. direction				
9.	1.50 M ²	Fabricating and fixing MS windows using 50x25mm MS hollow rectangular tube for al-round and one intermediate vertical welded firmly providing 12mm dia MS square rod @ 10cm c/c for horizontal security bar, providing shutters with frame work of MS hollow rectangular section 50x25mm alround and one intermediate horizontal glazing bar on each shutter using 4mm thick plain glass for shutter, fixing shutters with MS hinges, wind stay, locking arrangements etc. including painting with 2 coat synthetic enamel paint over priming coat, fixing window to the masonry wall etc. complete as per departmental direction.	M ²	3831.00	Rs.Three thousand eight hundred and thirty one only	5747/-
10.	60 M ²	Plastering with cement mortar 1:4, 12mm thick one coat	10M ²	2069.00	Rs. Two thousand and sixty nine only	12414/-
11	14 M ²	Plastering with cement mortar 1:3, 9mm thick one coat under side RCC slab, watering curing etc. complete	10M ²	1799.00	Rs. Thousand seven hundred and ninety nine only	2519/-
12	16 M ²	Plastering with cement mortar 1:3, 12mm thick one coat	10M ²	2553.00	Rs. Two thousand five hundred and fifty three only	4085/-
13	7500lr	Supplying and fixing PVC storage water tank approved quality and make with all specials and over flow pipe, labour for placing in position etc. complete	Lr.	6.77	Rs. Six & ps .seven only	50,775/-
14	5M ³	Earth work excavation in liquid mud or under water with initial lead and lift	10M ³	1743.00	Rs. Thousand seven hundred and forty three only	872/-
15	5M ³	Earth work excavation in liquid mud or under water with initial lead including additional lift from 1.5m to 3m	10M ³	1916.00	Rs. Thousand nine hundred and sixteen only	958/-
16	5M ³	Earth work excavation in liquid mud or under water	10M ³	2090.00	Rs.Two thousand and	1045/-

		with initial lead including additional lift from 3m to 4.5m			ninety only	
17	20 Nos.	Supplying and erecting in position reinforced cement concrete ring of height 30cm each having 1.50m inner dia and 1.70m outer dia in cement concrete 1:2:4 using 20mm broken stone including all form work, reinforcement, watering curing and erecting to line and plumb as per deptl. direction	E	2779.00	Rs.Two thousand seven hundred and seventy nine only	55580/-
18	1 No	Providing and fixing MS cover of dia 170cm, outer circular frame and the centre horizontals are made with ISA 30x30 angle of thickness 5mm. The space between the angles of the circular frame is covered with 12mm square rod in two directions. The spacing is 10cm c/c etc. The cost including all cost of materials labour and hire charges for fabrication and painting 2 coats with synthetic enamel paint over a coat of iron primer etc. complete	E	7490.00	Rs.Seven thousand four hundred and ninety only	7490/-
19	100M	Supplying threading laying and jointing 25mm dia PVC pipe (10 kg/cm ²) and specials such as tees, bends, elbows check nut etc. including trenching to a minimum depth of 0.50mm land refilling with all charges for cost and conveyance labour charges etc. complete.	M	81.00	Rs.Eighty one only	8100/-
20	100M	Supplying threading laying and jointing 32mm nominal dia PVC pipe (10 kg/cm ²) and specials such as tees, bends, elbows check nut etc. including trenching to a minimum depth of 0.50mm land refilling with all charges for cost and conveyance labour charges etc. complete.	M	98.00	Rs. Ninety eight only	9800/-
21	150M	Supplying threading laying and jointing 63mm nominal dia PVC pipe (6 kg/cm ²) without specials including trenching to a minimum depth of 0.50mm land refilling with all charges for cost and conveyance labour charges etc. complete.	M	126.00	Rs. One hundred and twenty six only	18990/-
22	200M	Supplying threading laying and jointing 50mm Ø nominal dia PVC pipe (6 kg/cm ²) without specials	M	121.00	Rs. One hundred and twenty one only	24200/-

		including trenching to a minimum depth of 0.50mm land refilling with all charges for cost and conveyance labour charges etc. complete.				
23	10M	Supplying threading laying and jointing 50mm Ø nominal dia PVC pipe (6 kg/cm ²) without specials and fixed with clamp including cutting and making good the walls including all charges for cost and conveyance labour charges etc. complete.	M	148.00	Rs. One hundred and forty eight only	1480/-
24	10m	Supplying threading laying and jointing 63mm nominal dia PVC pipe (4 kg/cm ²) without specials fixing with clamp including cutting and making good the walls including all charges for cost and conveyance labour charges etc. complete.	M	163.00	Rs. One hundred and sixty three only	1630/-
25	15 Nos.	Supplying & fixing 63mm PVC elbow	E	62.00	Rs.Sixty two only	930/-
26	10 Nos.	Supplying & fixing 63mm PVC tee	E	69.00	Rs.Sixty nine only	690/-
27	15 Nos.	Supplying & fixing 63mm PVC coupling	E	32.35	Rs.Thirty two&ps.thirty five only	485/-
28	10 Nos.	Supplying & fixing 63mm PVC elbow	E	32.00	Rs.Thirty two only	320/-
29	15 Nos.	Supplying & fixing 63mm PVC coupling	E	21.00	Rs.Twenty one only	315/-
30	13 M ²	Flooring with cement concrete 1:4:8 75mm thick using 40mm broken stone and plastered over with 12mm thick cement mortar 1:4 two coat floated hard and towelled smooth including all charges for cost and conveyance watering curing etc. complete	10M ²	6314.00	Rs.Six thousand three hundred and fourteen only	8208/-
		Total				3,50,574/-

PAC Rs. 3,50,574/- (Rupees Three lakh fifty thousand five hundred & seventy four only)

I/we agree to execute the work. 1. -----% above the estimate rate

2. -----% below the estimate rate. 3. At the estimate rate.

UNIVERSITY ENGINEER

CONTRACTOR