

**UNIVERSITY OF KERALA**

**SUBDIVISION II , KARIAVATTOM**

**Tender Schedule for providing of vertical garden along with arrangement for drip irrigation for the Department of Environmental Science building at Kariavattom**

<b>SL No</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate / Unit</b>	<b>Rate in Words</b>	<b>Amount</b>
1	10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	140.00	Kg	168.81	Rs One Hundred Sixty Eight Ps.Eighty One Only	23633.40
2	od165102/2021_2022 Providing wire mesh with aperture size 38x38mm and fixing on steel frame work for vertical garden complete Made of wire mesh of thickness 4mm	46	Sqm	816.86	Rs Eight Hundred Sixteen Ps Eighty Six Only	37575.56

3	13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	50	Sqm	143.05	Rs One Hundred Forty Three Ps Five Only	7152.50
4	od181605/2021_2022 Supplying and fixing 16mm dia. supply LDPE pipe for drip irrigation including all fittings as per direction of the Engineer in charge (payment is inclusive of all fittings except dripper)	200	Metre	179.07	Rs One Hundred Seventy Nine Ps Seven Only	35814.00
5	od163122/2021_2022 Supplying and fixing in position drip emitters (30mm dia.) as per requirement complete	800	Each	5.29	Rs Five Ps Twenty nine Only	4232.00
6	od162626/2021_2022 Supplying and providing drip irrigation water controlling timer (elitech, pinolex or equivalent make-Digital controlled fully automatic) including all fittings complete	1	Each	3895.95	Rs ThreeThousand Eight Hundred Ninty Five Ps Ninty Five only	3895.95
7	od162629/2021_2022 Supplying and providing in position flower pots in vertical garden including plants and fillings as per approved layout and design complete	800	Each	63.85	Rs Sixty Three Ps Eighty Five Only	51080.00

8	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	0.2	Cum	6814.89	Rs Six Thousand Eight Hundred Fourteen. Ps Eighty nine Only	1362.98
9	4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for: Foundations, footings, bases for columns	0.7	Sqm	335.31	Rs Three Hundred Thirty Five Ps Thirty One Only	234.71
10	13.7.1 12 mm cement plaster finished with a floating coat of neat cement of mix: 1:3 ( 1 cement : 3 fine sand)	2.5	Sqm	401.21	Rs Four Hundred One Ps Twenty One Only	1003.02
11	18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	2000	Litre	10.37	Rs Ten Ps Thirty Seven Only	20740

12	50.18.9.2.2 Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10 Kgf/cm2	30	Metre	179.44	Rs One Hundred Seventy Nine Ps Forty Four Only	5383.2
13	50.18.9.12.2 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 20 mm dia 10Kgf/cm2 External work- Exposed on wall	100	Metre	251.84	Rs Two Hundred Fifty One Ps eighty Four Only	25184
14	18.17.1A Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 20 mm nominal bore	2	No	541.75	Rs Five Hundred Forty one Ps Seventy five Only	1083.50
15	18.18.2 Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete: 20 mm nominal bore	2	Each	454.84	Rs Four Hundred Fifty Four One Ps Eighty Four Only	909.68

16	od267771/2021_2022 Supplying and placing in position box type tank of size 1.80x0.60x0.75m, made of fiber reinforced plastic (thickness 800 GSM) for constructing wet land. The item includes providing supporting iron members of thickness 3mm or more, including all finishes as necessary complete.	5	Each	9283.02	Rs Nine Thousand Two Hundred Eighty Three Ps Two Only	46415.10
<b>TOTAL</b>						<b>265700/-</b>

PAC Rs 2,65,700/- ( Two Lakh sixty five Thousand seven Hundred Only )

1) At the Estimate Rate

2).....% below the estimate rate.

3).....% above the estimate rate.

Rate should be quoted both in figures and words

CONTRACTOR

ASSISTANT EXECUTIVE ENGINEER 11

**SPECIAL CONDITION**

**Name of work in tender: Providing vertical garden along with arrangement for drip irrigation for the Department of Environmental Science building at Kariavattom**

1. The proper up keeping of garden in all respects for 3 months from the date of completion of the work shall be the responsibility of the contractor.
2. 10 % of the bill amount will be deducted from the part bill /final bill of the work and will be released after proper maintenance of the garden for 3 months.
3. The defect liability period of the original work will be 18 months from the date of completion of the work.

Sd/-

**UNIVERSITY ENGINEERr(Charge)**











