

UNIVERSITY OF KERALA						
ENGINEERING UNIT, KARIAVATTOM						
Tender schedule for laying new sewer line and alteration works in drainage connection at KUCTE Kumarapuram (Retender)						
Sl.No.	Quantity	Specification	Unit	Rate	Rate in words	Amount
1.00	9.00	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix ( 1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 ( 1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	E	12477.21	Rs.Twelve Thousand Four Hundred and Seventy Seven & ps.Twenty One only	112,294.89
2.00	6.00	Extra for depth for manholes : Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	m	8269.95	Rs.Eight Thousand Two Hundred &Sixty Nine & ps.Ninety Five only	49,619.70
3.00	120.00	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 <sup>3</sup>	231.00	Rs.Two Hundred and Thirty One only	27,720.00
4.00	250.00	Supplying , laying and jointing 110 mm PVC pipe( 6 kgf/ cm <sup>2</sup> ) with out fittings laid in trenches already made in line and grade including cutting and jointing with one step solvent cement etc complete.	m	330.75	Rs.Three Hundred and Thirty & ps.Seventy Five only	82,687.50

5.00	10.00	Supplying and fixing 110 mm PVC elbow for new line	E	68.30	Rs.Sixty Eight ps. Thirty only	<b>683.00</b>
6.00	10.00	Supplying and fixing 110 mm PVC door elbow for new line	E	93.90	Rs.Ninety Three ps. Ninety only	<b>939.00</b>
7.00	10.00	Supplying and fixing 110 mm PVC tee for new line	E	136.60	Rs.One Hundred and Thirty Six & ps.Sixty only	<b>1,366.00</b>
8.00	5.00	Supplying and fixing 110 mm PVC door tee for new line	E	150.00	Rs.One Hundred and Fifty only	<b>750.00</b>
9.00	6.00	Providing and fixing square mouth PVC gully trap complete with RCC cover brick masonry chamber: 100x 100 mm size P type with common burnt clay F.P.S (non modular) bricks of class designation 7.5	E	1837.90	Rs.One Thousand Eight Hundred &Thirty Seven & ps. Ninety only	<b>11,027.40</b>
10.00	100.00	Supplying and fixing 63 mm dia ( ( 6 kgf/ cm2 ) PVC pipe with specials including cutting making good the wall floors with clamps etc complete.	m	331.95	Rs.Three Hundred and Thirty One & ps.Ninety Five only	<b>33,195.00</b>
		<b>Total</b>				<b>320,282.49</b>

PAC Rs.3,20,282/- (Rs. Three Lakhs Twenty thousand Two hundred &Eighty Two 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**