UNIVERSITY OF KERALA

ENGINEERING UNIT, SUBDIVISION II, KARIAVATTOM

Construction of Dispersion pit and manhole for E10 Quarters at University of Kerala – Kariavattom Campus

Date of submission : **Time of Completion : 25 days**

SL No	Quanity	Description	Unit	Rate	Rate in Words	Amount
1	**Dispersion pit for E10 quarters**					
1.01	4.880	2.8.1 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 up to 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	cum	367.72	Rs Three hundred and sixty seven Ps Seventy Two only	1794.47
1.02	10.000	OD28816/2026-2027 Providing and erecting plain cement concrete rings with cement concrete 1:2:4 using 12.5mm broken stone 1.20m outer dia, depth 30cm and average 7.5cm thick including all form work, curing and erecting to plumb and line, hire charges of rope pulley etc. complete	each	1645.36	Rs One Thousand Six Hundred and Forty five Ps Thirty six only	16453.60
1.03	1.000	OD28819/2026-2027 Reinforced cement concrete slab with diameter 1.20 and thickness 0.10m for top cover of soak pit (placed above concrete rings), with 1:2:4 concrete including the cost of centering, shuttering, form work, reinforcement (@80kg/cum) and lifting and placing in position etc. complete	each	2449.33	Rs Two Thousand Four Hundred and Forty nine Ps Thirty three only	2449.33

1.04	0.081	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 (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	8109.18	Rs Eight Thousand One Hundred and nine Ps Eighteen only	656.84
1.05	0.32	50.6.2.1 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 foundation and plinth with thickness 15cm in: CM 1:6 (1 cement :6 coarse sand) etc complete	cum	6913.15	Rs Six Thousand Nine Hundred and thirteen Ps Fifteen only	2212.21
1.06	0.036	4.1.6 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 (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	8550.44	Rs Eight Thousand Five hundred and Fifty one Ps Forty four only	307.82
1.07	5.00	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	kg	114.92	Rs One hundred and fourteen Ps Ninety two only	574.60
1.08	0.750	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations,footings, bases of columns, etc for mass concrete	sqm	394.74	Rs Three hundred and Ninety Four Ps Seventy four only	296.06

1.09	0.090	5.1.2 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:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	10721.86	Rs Ten Thousand Seven hundred and Twenty one Ps Eighty six only	964.97
1.1	2.00	13.7.2 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1cement : 4 fine sand)	sqm	463.12	Rs Four hundred and Sixty three Ps Twelve only	926.24
1.11	10.000	50.18.9.9.2 Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm2	metre	541.37	Rs Five Hundred and Forty one Ps Thirty seven only	5413.70
	Total amount					**32049.83**
	After round off Total (Rs.32,050/- Rupees Eighty Four Thousand Six Hundred and Three Only)					

I/We undertake to execute the work at 1)…….% below estimate rate

2) At the estimate rate 3) …….. Above the estimate rate

Sd/-

CONTRACTOR (Name and Address) ASSISTANT EXECUTIVE ENGINEER(i/c)