

ENGINEERING DEPARTMENT
UNIVERSITY OF DELHI
Delhi 110007

NOTICE INVITING QUOTATION

Ref. No. UE/ **261** /DU/M-01 (2022-2023)

dated **7/9/22**
office of the undersigned up to 3.00 PM on **8/9/22**

Sealed percentage rate spot quotation are hereby invited from the contractors enlisted with CPWD., MES, Railways and any Govt./public sector undertaking and working contractor of Delhi University for the work"- **Searching the buried manholes on side walk outside the boundary and open courtyard, Making / raising manholes repairing and cleaning the blocked portion of sewer line from Central Library to side walk outer boundary, University of Delhi.**" So as to reach the

1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. Ordinary rock	cum	20.00	352.42	7048.40
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
a	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	cum	5.00	6788.60	33943.00
b	1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	cum	5.00	5520.30	27601.50
3	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	each	15	77.65	1164.75
4	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm	metre	200	256.9	51380.00
5	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)				
a	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	5.00	1737.45	8687.25
b	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	5.00	1072.80	5364.00
6	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	4.00	2307.00	9228.00
7	Constructing brick masonry circular manhole 1.22 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement :4 coarse sand) inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel 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, all complete as per standard design : 68 m deep with SFRC Cover and frame (heavy duty HD- 20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg. fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	3.00	21235.65	63706.95
8	Extra depth for circular type manhole 1.22 m internal dia (at bottom) beyond 1.68 m to 2.29 m : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	2.00	8368.40	16736.80
9	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :For pipes 100 to 250 mm diameter	each	5.00	623.50	3117.50
10	Dismantling of manhole including R.C.C. top slab, C.I. cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials within 50 m lead as per direction of Engineer- charge : Rectangular manhole 120x90 cm and 90 cm deep	each	5.00	3196.30	15981.50

	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) : Rectangular manhole 120x90 cm with circular cover 500 mm dia of grade MD - 10	each	5.00	3871.15	19355.75
12	Disposal of malba and other kooda (waste items) garbage and disposal out side the campus	trip	5.00	3106.23	15531.15
13	Repair of manhole with brick work, cement plaster etc complete as per direction of Engineer in-	each	5.00	3043.51	15217.55
14	Searching and checking the line for smoth functioning of sewer line and opening the sewer line repair the same where as required manually and disposal of as per direction of Engineer-in-	job	4.00	6489.13	25956.52
15	Cleaning of man hole of all depths and size i/c disposal of malba/ site up to 50mtr lead etc complete as direction by Engineer in-charge (All precautions shall be taken by the contractor during the course of cleaning)	each	25	284.62	7115.50
				Total	327136.12

Condition:-

1. The work should be completed in 20 days.
2. 1.50% water/Electric charges will be deducted.
3. Rates should be quoted both in words & figures.
4. The contractor must visit the site before quoting the rates.
5. CPWD specification in force will be followed.
6. Undersigned reserves the authority to reject any or all the quotation without assigning.

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I/we hereby quote.....% above/ below/ at par on the estimated cost of Rs.327136.12

Undertaking I/we hereby undertake that my/our agency have not been black listed/debarred in any Govt. organization since last 3 years.

(Contractor)

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Mrs Kavita JACT to ensure the display on web site DU.