

**Name of work:- Providing and Laying New pipe line for Sewage at D-type Quarter at MNIT Campus.**

**G-Schedule**

S.No	Qty	Items	Unit	Rate	Amount
1.00	79.00	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 taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter. All kinds of soils	cum	162.00	<b>12798</b>
2.00	70.00	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	Sqm	58.00	<b>4060</b>
3.00	215.00	Surface dressing of the ground including removing vegetations and inequalities not exceeding 15cm deep and disposal of rubbish lead up to 50 Mtr. and lift up to 1.5 Mtr.: All kinds of soil	Sqm	7.80	<b>1677</b>
4.00		Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.			
4.1	0.50	M20 grade Nominal Mix 1: 1.5: 3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	cum	4468.00	<b>2234</b>
4.2	0.50	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	cum	3002.00	<b>1501</b>
5.00	9.00	CARRIAGE OF Earth, Sand, Lime, Morrum manure or sludge MATERIALS including Loading and unloading ,stacking if required for all leads.	cum	92.00	<b>828</b>
6.00		P & F Square-mouth gully trap `A` grade (IS 651-1992 :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type.			

	15.00	Trap size 150 X 100mm, ferrow cement cover with frame, Internal Chamber size 300 X 300mm.	each	1045.00	<b>15675</b>
7.00		Labour charges for Removing S.W. pipes including breaking of joints & bed concrete, stacking of useful material at site within 50 mtr. Lead and disposal of unserviceable material within 0.5 Km. lead:			
	55.00	100 & 150mm dia pipe	rmt	21.00	<b>1155</b>
8.00		Providing, Laying & Jointing R.C.C. class NP-2 Non-Pressure pipes (IS : 458mark) of approved make with collars, jointed with C.M. 1:2 or having Spigot and socket ends with flexible rubber rings joint including testing of joints etc. complete :			
8.1	55.00	100mm dia Internal	mtr.	444.00	<b>24420</b>
8.2	130.00	250mm dia Internal	mtr.	810.00	<b>105300</b>
9.00		Construction of <i>manhole</i> in all type of soil inner size 90 X 60 Cm. 300 mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead.			
9.1	14.00	Depth up to 0.5 M	Each	4990.00	<b>69860</b>
9.2	28.00	Add extra over item 3.19.1 for every additional 0.10m depth above 0.5 m depth.	Each	187.00	<b>5236</b>
10.00		Construction of Man hole, in all types of soil, inner size 1.5 x 1.2 M, with 450mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20mm thick inside plaster in CM 1:6, finished with floating neat cement, 50 mm thick M-15 grade C.C. flooring making channels, 80 mm thick stone slab covering with 40 mm thick M-15 grade C.C. flooring, Ferro Cement cover with frame of 450mm dia, earthwork etc. complete including disposal of surplus earth within 50 mtr. lead as per design :			
10.1	2.00	Depth up to 1.5 M	Each	18196.00	<b>36392</b>
10.2	10.00	Add extra over item 3.20.1 for every additional 0.10m depth above 1.5 m depth .	Each	639.00	<b>6390</b>
11.00		Construction of <i>chamber</i> in all type of soil with 300 mm thick masonry in CM 1:6 m,10 cm thick C.C. 1:5:10 in foundation, 20mm thick insider plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr.			
11.1	14.00	Inside size 300 X 300 mm depth upto 0.5 M Cement cover with frame.	Each	954.00	<b>13356</b>

12.00	128.00	Cleaning of C.I. Pipe Line of various size as per requirement at site of different sizes including 100mm,150mm & 225mm dia of C.I.Pipes as per direction of Engineer-in-Charge.	mtr.	66.00	<b>8448</b>
13.00		Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge :			
13.1	3.00	Water bound macadam road (average thickness 250 mm)	sqm	63.00	<b>189</b>
13.2	3.00	bituminous road (average thickness 300 mm)	sqm	122.00	<b>366</b>
14.00	5.00	Labour charges for making connection of sewer line through main hole.	Each	590.00	<b>2950</b>
			<b>Total</b>		<b>312835.00</b>

**Grand total**

**Rs.**

**EXECUTIVE ENGINEER  
ESTATE SECTION MNIT  
JAIPUR**

I/We hereby agree to execute the work @.....%Above/Below of Schedule 'G'

**SIGNATURE OF THE CONTRACTOR WITH FULL POSTAL ADDRESS**