

NAME OF WORK - SEWER LINE LAYING WORK NEAR KAYAGHAT AT WARD NO. 30

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PHE-SOR/2020 (Amendment No. 07/2022-23)

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Sr.N o.	SOR P/I No	DESCRIPTION	MEASUREMENT						ABSTRACT	
		Item of work	UNIT	NO.	L	W	D	Quantity	Rate	Amount (Rs.)
0	1	2	3	4	5	6	7	8	9	10
1	18.29	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 m lead as per direction of engineer-in-charge.								
2	18.29.3	Dismantling of Cement Concrete Pavment by mechanical	Cum.	1	201.00	3.60	0.30	217.08	1227	266357.16
3	18.15	Earth work in excavation for pipe trench in ordinary soil areas including dressing, watering and ramming and disposal of excavated earth lead up to 50 meters and lift up to 1.5m, disposal earth to be levelled, neatly dressed.								
		TRANSPORT NAGAR OHT TO NH 49								
		1200 mm dia -	Cum.	1	201.00	3.60	0.30	217.08		
4	18.16	Earth work in excavation for pipe trench in Hard soil areas including dressing, watering, ramming and disposal of excavated earth lead up to 50m and lift up to 1.5m, disposal earth to be levelled, neatly dressed.	Cum.					217.08	201.00	43,633.08
		1200 mm dia	Cum.	1	201.00	3.60	0.90	651.24	266.00	1,73,229.84
	18.19	Earth work in excavation for pipe trench in all kinds of rocks in areas including dressing, stacking of useful material and disposal of unserviceable material up to lead up to 50m and lift up to 1.5m.								
	18.19.3	Hard rock requiring chiseling / where blasting is prohibited	Cum.	1	201.00	3.60	0.30	217.08	664.00	1,44,141.12
	18.19.4	Extra for every additional lift of 1.5m or part there of								
	18.19.5	All kind of soils (over item-No. 18.15, 18.16 and 18.17)	cum	1	201.00	3.60	1.50	1085.40	67.00	72,721.80
	18.19.6	Ordinary soft and Hard rock (over item No. 18.19.1, 18.19.2 and 18.19.3)	cum	1	201.00	3.60	1.50	1085.40	120.00	1,30,248.00
	18.24	Supply & filling moorum/river sabd for pipe bedding or over the pipe (including supply)	Cum.	1	202.00	3.60	0.25	181.80	864.00	1,57,075.20
	13.5	Providing and Laying non-pressure (NP4) RCC socket & spigot pipes with rubber gasket joint including testing of joints	r-m	1	201.00			201.00	9322.00	18,73,722.00
		1200 mm dia								
	18.40.	Providing and laying mechanically mixed cement concrete with crushed stone aggregate excluding centering and shuttering (with 40mm nominal size graded stone aggregate)								
18.40.1.3	1:3:6 (M-10)		Cum.	1	201.00	3.60	0.20	144.72	5,029.00	7,27,796.88

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		Item of work	UNIT	NO.	L	W	D	Quantity	Rate	Amount (Rs.)
0	1	2	3	4	5	6	7	8	9	10
10	17.4	Constructing Brick Masonry Circular Man Hole 1500 mm internal dia at bottom & 560 mm dia at top in cement Mortar 1:4 (1 cement: 4 fine sand), inside Cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement, foundation concrete 20 cm thick in 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making channels in cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finishedwithafloatingcoatofneatcement etc. all complete.								
	17.4.2		no	2					32478	64,956.00
11	17.18	Providing & fixing of ISI marked pre cast reinforced cement concrete manhole cover without frame and transporting at site, cost of all material etc.								
	17.18.5	560 mm dia heavy duty	no	2						
12		Dismantaling of other work							1,657.00	3,314.00
										10,000.00
									Total Amount	36,67,195.08
									add 18% gst	6,60,095.11
									GRAND TOTAL	43,27,290.19

Sub Engineer
Municipal Corporation,
Raigarh(C.G.)

Asst. Engineer
Municipal Corporation,
Raigarh(C.G.)

Executive Engineer
Municipal Corporation,
Raigarh(C.G.)

Estt. No. 525 Date 13.10.25
 Technical Sanction For Construction
 of sewer line lying at Koyaghat
 Ward No. 20 is hereby Granted
 for Rs. 43,28,195
 as per proposal submitted

Executive Engineer
Municipal Corporation
Raigarh (C.G.)