

PALANPUR NAGARPALIKA PALANPUR

The work of laying separate drinking water lines on both sides of the road from Aroma Circle to Doctor House.

CALCULATION OF SCHEDULE B

Sr.No	Item	RATE	Units	1	2	3	4	5	TOTAL QTY	Amount
				PVC 110 MM DIA	PVC 160 MM DIA	PVC 250 MM DIA	MS LINE 168 MM DIA	MS LINE 273 MM DIA		
	Excavation for pipe line tranches For water supply,sawerage line, manhole etc all with shoring and struting if required as per required gradient and line including safety provision using site rails and stacking excavated stuff including up to all required lead clearing the site etc. complete for all lifts and strata as specified.									
1	a)in all sort of soil and soft marrum	102.35	CMT	756.00	636.00	1125.00	0.00	0.00	2517.00	257614.95
2	a)In hard rock and/or in c.c. 1:2:4 or r.c.c. with blasting, breaking, chiseling or by chiseling/ breaking only 1.A.1.d)	427.80	CMT	226.80	190.80	337.50	0.00	0.00	755.10	323031.78
3	LIME .MURRUM BULIDING RUBBISH EARTH MANURE OR SLUDGE & EXEAVATED ROCK AND RUBBISH (2) EARTH 5 KM LEAD	117.58	CMT	982.80	826.80	1462.50	0.00	0.00	3272.10	384720.43
4	Refilling the pipeline tranches incl.15cm thick layers incl remming watering consolidation disposal of surplus stuff as directed within aradits of 3 Mtrs.Reffilling= Excavation-Pipe Volume	25.30	CMT	970.83	805.50	1401.17	0.00	0.00	3177.50	80390.75
	Providing & Supplying tested PVC Pipe 6kg/Cm2 ISI Providing and supplying in standard length isi mark rigid unplasticised PVC pipe suitable for portable water with ringfit joint including cost of ring ,as pwe IS specification no 4985/1988 including all local and central taxes, transponation, freight charges,octroi,inspection charges,loading (mloading, conveyance to the departmental stores and uncluding cost of jointing material etc.test pressure at 6 kg/cm2 with exise duty									
5	110 MM DIA	199.00	RMT	1260.00	0.00	0.00	0.00	0.00	1260.00	250740.00
6	160 MM DIA	575.00	RMT	0.00	1060.00	0.00	0.00	0.00	1060.00	609500.00
7	250 MM DIA	1418.00	RMT	0.00	0.00	1250.00	0.00	0.00	1250.00	1772500.00
8	3) 110mm PVC coupler 6kg/cm2(febricated) 9.2.A	133.00	Nos	8.00	0.00	0.00	0.00	0.00	8.00	1064.00
9	3) 160 mm PVC coupler 6kg/cm2(febricated) 9.2.A	439.00	Nos	0.00	2.00	0.00	0.00	0.00	2.00	878.00
10	PVC tail piece with PVC Flange(ISI) Heavy duty 3) 110mm	320.00	Nos	2.00	0.00	0.00	0.00	0.00	2.00	640.00
11	PVC tail piece with PVC Flange(ISI) Heavy duty 9.2.C 3) 160mm	811.00	Nos	0.00	2.00	0.00	0.00	0.00	2.00	1622.00
12	Service saddle 25mm heavy 110 MM	184.00	Nos	1.00	0.00	0.00	0.00	0.00	1.00	184.00
13	Service saddle 25mm heavy 160 MM	465.00	Nos	0.00	2.00	0.00	0.00	0.00	2.00	930.00
14	110mm x 90 mm Pipe PVC Tee(Moulded)	470.00	Nos	3.00	0.00	0.00	0.00	0.00	3.00	1410.00
15	160mm x 160 mm Pipe PVC Tee(Moulded) 9.2.E12	952.00	Nos	0.00	8.00	0.00	0.00	0.00	8.00	7616.00
16	PVC Elbow(Moulded) 110 MM	358.00	Nos	3.00	0.00	0.00	0.00	0.00	3.00	1074.00
17	PVC Elbow(Moulded) 160 MM	687.00	Nos	0.00	10.00	0.00	0.00	0.00	10.00	6870.00
18	110mm x 90 mm PVC Reducer(Moulded)	188.00	Nos	1.00	0.00	0.00	0.00	0.00	1.00	188.00
19	200mm x 160 mm PVC Reducer(Moulded)	901.00	Nos	0.00	2.00	0.00	0.00	0.00	2.00	1802.00
20	160mm x 110 mm PVC Reducer(Moulded)	375.00	Nos	1.00	0.00	0.00	0.00	0.00	1.00	375.00
21	160mm x 140 mm PVC Reducer(Moulded) 9.2.G	511.00	Nos	0.00	2.00	0.00	0.00	0.00	2.00	1022.00
22	PVC Febricated bend 6 kg 110MM	421.00	Nos	1.00	0.00	0.00	0.00	0.00	1.00	421.00
23	PVC Febricated bend 6 kg 160 MM 9.2.I	1637.00	Nos	0.00	2.00	0.00	0.00	0.00	2.00	3274.00
24	M.S. Specials Flanged ends. Upto 300 mm dia.	98.98	Kg	400.00	350.00	400.00	200.00	600.00	1950.00	193011.00
	providing and supplying ISI mark CI D/F sluice valve as par is :14846 (latest edition) of following class and diameter including all tex , insurance, transportation, freight charge, octori, inspcion charge, loding, unloding, conveyanceto departmental stores, stacking etc. complete 13.1.A PN-1 with hand wheel /cap operated (PD type short body) 125mm									
25	125 MM	4464.00	Nos	4.00	0.00	0.00	0.00	0.00	4.00	17856.00
26	150 MM	5848.00	Nos	0.00	10.00	0.00	0.00	0.00	10.00	58480.00
27	250 MM	15920.00	Nos	0.00	0.00	4.00	0.00	0.00	4.00	63680.00

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	lowering laying and jointing in positing following C.I / D/F reflux valve , butterfly valves, sluice valves and air valves including cost of all labour , jointing material including nut bolts and giving satisfactory hydraulic testing etc. complete 15.a sluice valves , butterfly valves, reflux valves 125 mm									
28	125 MM	544.85	Nos	4.00	0.00	0.00	0.00	0.00	4.00	2179.40
29	150 MM	650.85	Nos	0.00	10.00	0.00	0.00	0.00	10.00	6508.50
30	250 MM	1011.85	Nos	0.00	0.00	4.00	0.00	0.00	4.00	4047.40
	Lowering, laying, fixing and jointing PVC/uPVC/cPVC pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of labour, material, cement solvent, giving satisfactory hydraulic testing as per ISI code 110 MM Dia of Pipe									
31	110 MM DIA OF PIPE	21.85	RMT	1260.00	0.00	0.00	0.00	0.00	1260.00	27531.00
32	160 MM DIA OF PIPE	32.20	RMT	0.00	1060.00	0.00	0.00	0.00	1060.00	34132.00
33	250 MM DIA OF PIPE	58.65	RMT	0.00	0.00	1250.00	0.00	0.00	1250.00	73312.50
	Labour charges for repairing of leakage in PVC pipeline of folling dia meter at different places including necessary cavation manually or by mechanise excavation, dewatering removing of mud, cleaning of pipe and leakage rtion, cutting the pipeline & removing piece of pipe from trench with inclusive of mechanical devices JCB. dra/Crain if necessary & labours required with providing material such couplers, solution etc. comp. (incl. all aterial but Exclu. cost of pipe)									
34	1) 110 MM DIA	1124.70	Nos	15.00	0.00	0.00	0.00	0.00	15.00	16870.50
35	1) 160 MM DIA	1873.35	Nos	0.00	20.00	0.00	0.00	0.00	20.00	37467.00
36	1) 250 MM DIA	4192.90	Nos	0.00	0.00	20.00	0.00	0.00	20.00	83858.00
37	Excavation for pipe line trenches for water supply, sewerage line, manhole etc. all with shoring and struting if required as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and strata as specified In softs soil and murrum 0.0 m to 1.5 m depth	89.89	Cum	0.00	0.00	0.00	84.38	151.88	236.26	21237.41
38	In hard rock and / or in C C 1:2:4 or RCC with blasting, breaking, chiseling. Or by chiseling/ breaking only.	98.98	Cum	0.00	0.00	0.00	22.50	63.00	85.50	8462.79
39	LIME .MURRUM BULIDING RUBBISH EARTH MANURE OR SLUDGE & EXECAVATED ROCK AND RUBBISH (2) EARTH 5 KM LEAD	103.26	Cum	0.00	0.00	0.00	106.88	214.88	321.76	33224.94
40	MS Pipe Manutacture, Supply & Delivery of Electric Resistance Welded (Up to 400mm)/Submerged Arc Welded(Above 400mm M.S.Pipe having beveled ends plate or coll conforming to IS-3589-2001 or its atest revision ammendment for following thickness outside diameter at GWSSB store or site anywhere in Gujarat State including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unicading conveyance to Departmental stores, stacking etc. all complete. (Rate for MS Pipe based on the ex. works price of HR Coil as Rs.67500.00 par MT- withouth GST (Above 3,15 mm to 10 mm) & Rs. 68000.00 per MT without GST (Above 10 mm) as on Feb-22. WPI Index of H. R Coil of Jan-22 is 155.8 1.1E I/S solvent free liqiid Epoxy Lining (406 micron)+ O/S 3 LPE Coated M.S. pipe 2. 168 mm dia	2063.43	Rmt	0.00	0.00	0.00	50.00	0.00	50.00	103171.50
41	2. 273 mm dia	3625.90	Rmt	0.00	0.00	0.00	0.00	140.00	140.00	507626.00

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42	L, L & J of MS Pipe (with 3 LPE coating & with lining or epoxy) Lowering, laying, jointing & welding in position to correct line & level M.S. Pipe with outside 3 LPE coating & inside solvent free liquid epoxy lining on pedestal or chairs upon prepared formation or prepared bedding in trenches the rates include conveyance from store to site of work loading, unloading, heat shrink sleeve jointing hydrotesting etc.complete. 1. 168 MM	242.40	Rmt	0.00	0.00	0.00	50.00	0.00	50.00	12120.00
43	6. 273 MM	350.47	Rmt	0.00	0.00	0.00	0.00	140.00	140.00	49065.80
44	Labour charge for fabricating in position M. S. reinforcement of various dia including shifting shifting, cutting, bending, binding, with 16 guage wire , hooking, overlaping, scraping etc. omplete for water retaining and water treatment structure and their related structures. INLC. COST OF WIRE. b) 168 MM	8608.23	MT	0.00	0.00	0.00	10.00	0.00	10.00	86082.30
45	b) 273 MM	8608.23	MT	0.00	0.00	0.00	0.00	15.00	15.00	129123.45
46	Refilling the pipeline trenches incl, ramming, watering, consolidating desposal of surplus stuff as directed within a radius of 3.0 km. refilling as directed	22.22	Cum	0.00	0.00	0.00	83.27	143.68	226.95	5042.83