

**PALANPUR NAGARPALIKA PALANPUR**

**The work of laying separate drinking water lines on both sides of the road from Ujam villa to ambikanagar fatak to kadva patidar samaj smasan.**

**CALCULATION OF SCHEDULE B**

Sr.No	Item	RATE	Units	1	2	3	4	5	TOTAL QTY	Amount
				RAJKUMAR 110 MM	ANJALI BUNGLOWS	KADVA PATIDAR	RAJKUMAR 200 MM	RAJKUMAR 250 MM		
	Excavation for pipe line trenches 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	240.00	60.00	102.00	240.00	1161.00	1803.00	184537.05
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	72.00	18.00	30.60	72.00	348.30	540.90	231397.02
3	LIME .MURRUM BULIDING RUBBISH EARTH MANURE OR SLUDGE & EXCEVATED ROCK AND RUBBISH (2) EARTH 5 KM LEAD	117.58	CMT	312.00	78.00	132.60	312.00	1509.30	2343.90	275586.39
4	Refilling the pipeline trenches 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	308.20	75.99	129.18	227.44	1446.01	2186.82	55326.55
	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	400.00	0.00	0.00	0.00	0.00	400.00	79600.00
6	160 MM DIA	575.00	RMT	0.00	100.00	170.00	0.00	0.00	270.00	155250.00
7	200 MM DIA	665.00	RMT	0.00	0.00	0.00	400.00	0.00	400.00	266000.00
8	250 MM DIA	1418.00	RMT	0.00	0.00	0.00	0.00	1290.00	1290.00	1829220.00
9	3) 110mm PVC coupler 6kg/cm2(febricated)	133.00	Nos	8.00	0.00	0.00	0.00	0.00	8.00	1064.00
10	3) 160 mm PVC coupler 6kg/cm2(febricated)	439.00	Nos	0.00	2.00	2.00	0.00	0.00	4.00	1756.00
11	3) 200 mm PVC coupler 6kg/cm2(febricated)	678.00	Nos	0.00	0.00	0.00	2.00	0.00	2.00	1356.00
12	PVC tail piece with PVC Flange(ISI) Heavy duty 3) 110mm	320.00	Nos	8.00	0.00	0.00	0.00	0.00	8.00	2560.00
13	PVC tail piece with PVC Flange(ISI) Heavy duty 3) 160mm	811.00	Nos	0.00	6.00	2.00	0.00	0.00	8.00	6488.00
14	Service saddle 25mm heavy 110 MM	184.00	Nos	6.00	0.00	0.00	0.00	0.00	6.00	1104.00
15	Service saddle 25mm heavy 160 MM	465.00	Nos	0.00	6.00	2.00	0.00	0.00	8.00	3720.00
16	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
17	160mm x 160 mm Pipe PVC Tee(Moulded)	952.00	Nos	0.00	6.00	2.00	0.00	0.00	8.00	7616.00
18	PVC Elbow(Moulded) 110 MM	358.00	Nos	3.00	0.00	0.00	0.00	0.00	3.00	1074.00
19	PVC Elbow(Moulded) 160 MM	687.00	Nos	0.00	2.00	2.00	0.00	0.00	4.00	2748.00
20	PVC Elbow(Moulded) 200 MM	1568.00	Nos	0.00	0.00	0.00	2.00	0.00	2.00	3136.00
21	110mm x 90 mm PVC Reducer(Moulded)	188.00	Nos	6.00	0.00	0.00	0.00	0.00	6.00	1128.00
22	200mm x 160 mm PVC Reducer(Moulded)	901.00	Nos	0.00	5.00	2.00	6.00	0.00	13.00	11713.00
23	160mm x 110 mm PVC Reducer(Moulded)	375.00	Nos	6.00	0.00	0.00	0.00	0.00	6.00	2250.00
24	160mm x 140 mm PVC Reducer(Moulded)	511.00	Nos	0.00	5.00	2.00	6.00	0.00	13.00	6643.00
25	PVC Febricated bend 6 kg 110MM	421.00	Nos	1.00	0.00	0.00	0.00	0.00	1.00	421.00
26	PVC Febricated bend 6 kg 160 MM	1637.00	Nos	0.00	5.00	2.00	0.00	0.00	7.00	11459.00
27	PVC Febricated bend 6 kg 200 MM	3244.00	Nos	0.00	0.00	0.00	2.00	0.00	2.00	6488.00
28	M.S. Specials Flanged ends. Upto 300 mm dia.	98.98	Kg	150.00	100.00	80.00	150.00	300.00	780.00	77204.40
	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, octroi, insption charge, loding, unloding, conveyanceto departmental stores, stacking etc. complete 13.1.A PN-1 with hand wheel /cap operated (PD type short body)									
29	100 MM	3563.00	Nos	1.00	1.00	1.00	1.00	2.00	6.00	21378.00
30	125 MM	4464.00	Nos	1.00	1.00	1.00	1.00	2.00	6.00	26784.00



Sr.No	Item	RATE	Units	1	2	3	4	5	TOTAL QTY	Amount
				RAJKUMAR 110 MM	ANJALI BUNGLOWS	KADVA PATIDAR	RAJKUMAR 200 MM	RAJKUMAR 250 MM		
	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. complate 15.a sluice valves , butterfly valves, reflux valves 125 mm									
31	100 MM	443.39	Nos	1.00	1.00	1.00	1.00	2.00	6.00	2660.34
32	125 MM	483.79	Nos	1.00	1.00	1.00	1.00	2.00	6.00	2902.74
	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									
33	110 MM DIA OF PIPE	21.85	RMT	400.00	0.00	0.00	0.00	0.00	400.00	8740.00
34	160 MM DIA OF PIPE	32.20	RMT	0.00	100.00	170.00	0.00	0.00	270.00	8694.00
35	200 MM DIA OF PIPE	42.55	RMT	0.00	0.00	0.00	400.00	0.00	400.00	17020.00
36	250 MM DIA OF PIPE	58.65	RMT	0.00	0.00	0.00	0.00	1290.00	1290.00	75658.50
	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)									
37	1) 110 MM DIA	1124.70	Nos	15.00	0.00	0.00	0.00	0.00	15.00	16870.50
38	1) 160 MM DIA	1873.35	Nos	0.00	5.00	5.00	0.00	0.00	10.00	18733.50
39	1) 200 MM DIA	3049.80	Nos	0.00	0.00	0.00	20.00	0.00	20.00	60996.00
40	1) 250 MM DIA	4192.90	Nos	0.00	0.00	0.00	0.00	20.00	20.00	83858.00