

SCHEDULE - B							
BILIMORA MUNICIPALITY							
TENDER FORM							
Name of work : Providing, supplying & Laying 90 mm dia P.V.C Pipe Line Ward no.9 Desra ESRT to Anavil Behind Jamna Nagar Society & B.D.B. Chaal. Bilimora.							
SCHEDULE B-1							
QTY.	UNIT	ITEM	RATE	ADD 15%	RATE	PER	AMOUNT
1	2	3	4	5	4+5=6	5	6
		Item No. 1 :-					
		Excavation for pipe line trenches for water supply, sewerage line, manhole etc. all with shoring and strutting if required as per required gauged and line incl. all safety provisions using site rails and stacking excavated stuff up to all required lead cleaning the site etc. complete for lifts and strata as specified.					
210.00	Cu.M	(a) in all sorts of soil and soft murrum	89.00	13.35	102.35	Cu.M	21493.50
94.50	Cu.M	(b) in hard murrum, boulders incl. macadam road	135.00	20.25	155.25	Cu.M	14671.13
73.50	Cu.M	(c) in hard rock and / or in C.C. 1:2:4 or RCC with blasting, breaking, chiseling or by chiseling/breaking only.	372.00	55.80	427.80	Cu.M	31443.30
		Item No.2 :-					
		Providing and supplying in standard length ISI mark rigid unplasticised PVC pipes suitable for potable water with ringfit joint including cost of rings, as per IS specification no. 4985/1988 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores and including cost of jointing material etc. complete.					
		Test Pressure 10 Kg/cm ² .					
		With Excise Duty					
350.00	RMt.	90 mm dia	213.00	-	-	RMt.	74550.00
		Item No. 3 :-					
		Providing and supplying at store or site of work incl. freight, loading, unloading, stacking insu. & all taxes etc. comp.					
		P.V.C. Bend 90° (Moulded)) Heavy					
4.00	No.	90 mm dia	318.00	-	-	No.	1272.00
		P.V.C. Tee (Moulded)					
3.00	No.	110 x 90 mm	470.00	-	-	No.	1410.00
		P.V.C. Reducer					
2.00	No.	110 x 90 mm	188.00	-	-	No.	376.00
		P.V.C. Couplers 10 kg/cm² (Moulded)					
10.00	No.	90 mm dia	78.00	-	-	No.	780.00
2.00	Kg.	P.V.C. Solution	1100.00	-	-	Kg.	2200.00
		P.V.C. Tail piece with P.V.C. Flange (ISI) Heavy duty (Moulded)					
2.00	No.	90 mm dia	236.00	-	-	No.	472.00
		Item No. 4 :-					
		C.I.D. JOINTS					

		Manufacture, supply and delivery of cast iron Detachable joints (Short & long) complete with joint flanges duly drilled, synthetic rubber sealing rings manufactured from styrene butadine rubber (SBR) and other required accessories such as nut, bolts etc. conforming to IS specification 8794-1988 or its latest revision if any suitable for use with A.C. Pressure pipes. Delivery of joints including its accessories including loading, unloading, carting, stacking, insurance, all taxes, octroi etc. complete.					
		Short Collar with ISI Mark					
		class -15					
2.00	Nos	100 mm dia	248.00	-	-	No.	496.00
		Item No. 5 :-					
		L,L&J Pipes and specials					
		Lowering, laying,Fixing and jointing PVC pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of labour, material, except cement solvent, giving satisfactory hydraulic testing as per ISI code.					
350.00	Rmt.	90 mm dia	17.00	2.55	19.55	Rmt.	6842.50
		Item No. 6 :-					
		Sluice valves					
		Providing and supplying ISI mark CI D/F Sluice Valves as per IS:14846 (Latest Edition) of following class and diameter including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete.					
		Sluice valves with ISI mark only					
		PN-1.6 With hand wheel /cap operated (Alt-1 type short body)					
1.00	No.	80 MM dia	2679.00	-	-	No.	2679.00
		Item No. 7 :-					
		L,L&J of SV / AV / BFV / RV					
		Lowering, laying and jointing in position following C. I. / D/F Reflux valves, Butterfly valves, Sluice valves and Air valves including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete.					
		(a) S.valves, Butterfly Valves, Reflux Valves					
1.00	No.	80 MM dia	400.00	60.00	460.00	No.	460.00
		Item No. 8 :-					
		Job Connection work to old line and new line incl.excavation,refilling, cutting & fitting to old line to new line.					
2.00	No.	110 mm to 90 mm dia	5000.00	-	-	No.	10000.00
		Item No.9 :-					

108.00	S.M.	Providing and Fixing pre-cast rubber dye inter locking concrete block 60 mm thick with grade of concrete M300 pneumatic compressed by mechanically pressed and as per approved design confirming to IS 15658 : 2006 including 35 mm sand layer for leveling and fillinf the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. complete.	686.90	-	-	1 S.M.	74,185.20
		Item No. 10 :-					
		Valves chambers and Manholes Construction of valves chambers in brick or bela stone masonry.Locally available in C.M. 1:6 Foundationconcret 150 mm thick in C.C. 1:4:8 Of trap metal size 25 mm to 40mm thick. inside cement plaster in C.M.1:3 and cement pointing outside in C.M. 1:3 and top cover of precast RCC slab 100 mm thick (with key hole in two parts,each with handles or MS Bar etc. complete as given size) Upto1Mt.depth from G.L. to pipe invert level incl. complete civil works but excl. cost of excavation and refilling.With castin situ RCC slab in one single piece with fixing of CI-MH Frame and cover with 23 mm thik brick masonry wall in C.M.1:6					
1.00	No.	Size of 1.30 m x 1.30 m and 1.0 m deep With precast slab in two parts 15 mm	11,351.00	1702.65	13053.65	No.	13,053.65
		Item No. 11 :-					
10.00	Nos.	Making job connection for 1/2" dia PVC ppipe house connection with proposed PVC line including material like PVC pipe, ferral, sadel, elbow, coupling, end cap, solution 1/1/2" dia PVC lower pipe with coupling etc. & labour charges excavation, refilling, dewatering etc. comp.	3,907.00	-	-	No.	39,070.00
		Item No. 12 :-					
		Refilling the pipeline trenches incl. ramming, watering, consolidating desposal of surplus stuff as directed within a radius of 3 km.					
380.23	Cu.M	Refilling as directed	22.00	3.30	25.30	Cu.M	9619.82
TOTAL						Rs.	305074.09

SCHEDULE B-2

QTY.	UNIT	ITEM	RATE	ADD 15%	RATE	PER	AMOUNT
1	2	3	4	5	4+5=6	5	6
		Item No. 1 :-					
		Excavation for pipe line trenches for water supply, sewerage line, manhole etc. all with shoring and struting if required as per required graired and line incl. all safety provisions using site rails and stacking excavated stuff up to all required lead cleaning the site etc. complete for lifts and strata as specified.					
90.00	Cu.M	(a) in all sorts of soil and soft murrum	89.00	13.35	102.35	Cu.M	9211.50
40.50	Cu.M	(b)in hard murrum, boulders incl.macadam road	135.00	20.25	155.25	Cu.M	6287.63
31.50	Cu.M	(c)in hard rock and / or in C.C. 1:2:4 or RCC with blasting,breaking,chiseling or by chiseling/breaking only.	372.00	55.80	427.80	Cu.M	13475.70
		Item No.2 :-					

		Providing and supplying in standard length ISI mark rigid unplasticised PVC pipes suitable for potable water with ringfit joint including cost of rings, as per IS specification no. 4985/1988 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores and including cost of jointing material etc. complete.					
		Test Pressure 10 Kg/cm ² .					
		With Excise Duty					
150.00	RMt.	90 mm dia	213.00	-	-	RMt.	31950.00
		Item No. 3 :-					
		Providing and supplying at store or site of work incl.freight, loading, unloading, stacking insu. & all taxes etc. comp.					
		P.V.C. Bend 90° (Moulded)) Heavy					
4.00	No.	90 mm dia	318.00	-	-	No.	1272.00
		P.V.C. Tee (Moulded)					
3.00	No.	110 x 90 mm	470.00	-	-	No.	1410.00
		P.V.C. Reducer					
2.00	No.	110 x 90 mm	188.00	-	-	No.	376.00
		P.V.C. Couplers 10 kg/cm² (Moulded)					
1.00	No.	90 mm dia	78.00	-	-	No.	78.00
1.00	Kg.	P.V.C. Solution	1100.00	-	-	Kg.	1100.00
		P.V.C. Tail piece with P.V.C. Flange(ISI) Heavy duty(Moulded)					
2.00	No.	90 mm dia	236.00	-	-	No.	472.00
		Item No. 4 :-					
		C.I.D. JOINTS					
		Manufacture, supply and delivery of cast iron Detachable joints (Short & long) complete with joint flanges duly drilled, synthetic rubber sealing rings manufactured from styrene butadine rubber (SBR) and other required accessories such as nut, bolts etc. conforming to IS specification 8794-1988 or its latest revision if any suitable for use with A.C. Pressure pipes. Delivery of joints including its accessories including loading, unloading, carting, stacking, insurance, all taxes, octroi etc. complete.					
		Short Collar with ISI Mark					
		class -15					
2.00	Nos	200 mm dia	597.00	-	-	No.	1194.00
2.00	Nos	80 mm dia	197.00	-	-	No.	394.00
		Item No. 5 :-					
		L,L&J Pipes and specials					
		Lowering, laying,Fixing and jointing PVC pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of labour, material, except cement solvent, giving satisfactory hydraulic testing as per ISI code.					
150.00	RMt.	90 mm dia	17.00	2.55	19.55	RMt.	2932.50
		Item No. 6 :-					
		Sluice valves					
		Providing and supplying ISI mark CI D/F Sluice Valves as per IS:14846 (Latest Edition) of following class and diameter including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete.					

		Sluice valves with ISI mark only					
		PN-1.6 With hand wheel /cap operated (Alt-1 type short body)					
1.00	No.	80 MM dia	2679.00	-	-	No.	2679.00
		Item No. 7 :-					
		L,L&J of SV / AV / BFV / RV					
		Lowering, laying and jointing in position following C. I. / D/F Reflux valves, Butterfly valves, Sluice valves and Air valves including cost of all labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete.					
		(a) S.valves, Butterfly Valves, Reflux Valves					
1.00	No.	80 MM dia	400.00	60.00	460.00	No.	460.00
		Item No. 8 :-					
		Job Connection work to old line and new line incl.excavation,refilling, cutting & fitting to old line to new line.					
1.00	No.	200 mm to 160 mm dia	5000.00	-	-	No.	5000.00
		Item No.9 :-					
90.00	S.M.	Providing and Fixing pre-cast rubber dye inter locking concrete block 60 mm thick with grade of concrete M300 pneumatic compressed by mechanically pressed and as per approved design confirming to IS 15658 : 2006 including 35 mm sand layer for leveling and fillinf the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. complete.	680.10	-	-	1 S.M.	61,209.00
		Item No. 10 :-					
		Valves chambers and Manholes Construction of valves chambers in brick or bela stone masonry.Locally available in C.M. 1:6 Foundationconcret 150 mm thick in C.C. 1:4:8 Of trap metal size 25 mm to 40mm thick. inside cement plaster in C.M.1:3 and cement pointing outside in C.M. 1:3 and top cover of precast RCC slab 100 mm thick (with key hole in two parts,each with handles or MS Bar etc. complete as given size) Upto1Mt.depth from G.L. to pipe invert level incl. complete civil works but excl. cost of excavation and refilling.With castin situ RCC slab in one single piece with fixing of CI-MH Frame and cover with 23 mm thik brick masonry wall in C.M.1:6					
1.00	No.	Size of 1.30 m x 1.30 m and 1.0 m deep With precast slab in two parts 15 mm	11,351.00	1702.65	13053.65	No.	13,053.65
		Item No. 11 :-					
20.00	Nos.	Making job connection for 1/2" dia PVC ppipe house connection with proposed PVC line including material like PVC pipe, ferral, sadel, elbow, coupling, end cap, solution 1/1/2" dia PVC lower pipe with coupling etc. & labour charges excavation, refilling, dewatering etc. comp.	3,907.00	-	-	No.	78,140.00
		Item No. 12 :-					
		Refilling the pipeline trenches incl. ramming, watering, consolidating desposal of surplus stuff as directed within a radius of 3 km.					
162.95	Cu.M	Refilling as directed	22.00	3.30	25.30	Cu.M	4122.64
TOTAL						Rs.	234817.61

RECAPITULATION SHEET

Name of Work :- Providing,supplying & Laying 90 mm dia P.V.C Pipe Line Ward no.9 Desra ESRT to Anavil Behind Jamna Nagar Society & B.D.B.Chaal. Bilimora.			
SCHEDULE B-1	Providing,supplying & Laying 90 mm dia P.V.C Pipe Line Ward no.9 Desra ESRT to Behind Jamna Nagar Society Bilimora.	305074.09	
SCHEDULE B-2	Providing,supplying & Laying 90 mm dia P.V.C Pipe Line Ward no.9 B.D.B.Chaal.	234817.61	
		Total Amount	Rs. 539891.70
		1% Q.C.	Rs. 5,398.92
		Total Amount	Rs. 545290.62

I/We am/are Willing to complete the said work% below/above than the estimated rates i.e. Rs.....

Dated signature of contractor

**MUNICIPAL ENGINEER
BILIMORA MUNICIPALITY**

**CHIEF OFFICER
BILIMORA MUNICIPALITY**