

Chapter No. 28 Water Supply

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.1		Excavation for pipe lines in trenches and pits including trimming and dressing sides levelling of beds of trenches to correct grade, cutting joint holes, refilling consolidation and watering of refill in 15cm layers and restoration of unmettled or unpaved surface to its original condition including the cost of necessary shoring, timbering, dewatering of rain water, diversion for traffic, night signals, providing & fixing caution boards, crossing over trenches for access to the houses, watching, fencing, etc. and removal of surplus spoil out side/inside the town involving lead upto one kilometer								
(a)		Earth work upto 1.5 m. Depth for								
i		All classes of soil except rocky								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	12.00	164.69	1976.28			
(ii)		Mazdoor (Skilled - Lower)		Each	9.00	153.56	1382.04			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 3728.87					74.58			
(v)		Provision for crossing of trenches for access to the houses @ 1% of labour cost i.e. on Rs. 3728.87					37.29			
(vi)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (10% earth will be surplus) (6.8 (a) (i))		Cum	76.50	18.95	1449.68			
(vii)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(viii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					11909.63			
		Sundries @ 3% i.e. on Rs. 11909.63					357.29			
		Add contractor's profit @ 21.50% i.e. on Rs. 12266.92					2637.39			
		Add Labour cess @ 1% i.e. on Rs. 14904.31					149.04			
		Labour for	85	Cum.			15053.35			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cum				177.10	177.10			177.10
		Cost for	1	Cum					177.10			
		Add 10% for sub mountainous region										17.71
		Labour for	1	Cum								194.81
		Cost for	1	Cum								194.81

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
ii		For Ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	21.00	164.69	3458.49				
(ii)		Mazdoor (Skilled - Lower)			Each	12.00	153.56	1842.72				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	3.00	164.69	494.07				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5795.28										
								115.91				
(v)		Provision for crossing of trenches for access to the houses @ 1% of labour cost i.e. on Rs. 5795.28						57.95				
(vi)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (10% earth will be surplus) (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vii)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(viii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						14038.03				
		Sundries @ 3% i.e. on Rs. 14038.03						421.14				
		Add contractor's profit @ 21.50% i.e. on Rs. 14459.17						3108.72				
		Add Labour cess @ 1% i.e. on Rs. 17567.89						175.68				
		Labour for	85	Cum.				17743.57				
		Labour for	1	Cum				208.75	208.75			208.75
		Cost for	1	Cum					208.75			
		Add 10% for sub mountainous region										20.88
		Labour for	1	Cum								229.63
		Cost for	1	Cum								229.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
iii		For semi conglomerate or soil of the nature of pick and jumper work										
		Unit :-	1	Cum								
I		Labour										
		Taking output										
(i)		Mazdoor (Skilled - Upper)	85	Cum.	Each	30.00	164.69	4940.70				
(ii)		Mazdoor (Skilled - Lower)			Each	15.00	153.56	2303.40				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	3.75	164.69	617.59				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 7861.69										
								157.23				
(v)		Provision for crossing of trenches for access to the houses @ 1% of labour cost i.e. on Rs. 7861.69						78.62				
(vi)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (10% earth will be surplus) (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vii)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(viii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						16166.43				
		Sundries @ 3% i.e. on Rs. 16166.43						484.99				
		Add contractor's profit @ 21.50% i.e. on Rs. 16651.42						3580.06				
		Add Labour cess @ 1% i.e. on Rs. 20231.48						202.31				
		Labour for	85	Cum.				20433.79				
		Labour for	1	Cum.				240.40	240.40			240.40
		Cost for	1	Cum.					240.40			
		Add 10% for sub mountainous region										24.04
		Labour for	1	Cum.								264.44
		Cost for	1	Cum.								264.44

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(b)		Exceeding 1.5 m depth but not exceeding 2.25 m depth for										
i		All classes of Soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	15.00	164.69	2470.35				
(ii)		Mazdoor (Skilled - Lower)			Each	9.00	153.56	1382.04				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 3975.91										
								79.52				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (i)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						12124.32				
		Sundries @ 3% i.e. on Rs. 12124.32						363.73				
		Add contractor's profit @ 21.50% i.e. on Rs. 12488.05						2684.93				
		Add Labour cess @ 1% i.e. on Rs. 15172.98						151.73				
		Labour for	85	Cum.				15324.71				
		Labour for	1	Cum.				180.29	180.29			180.29
		Cost for	1	Cum.					180.29			
		Add 10% for sub mountainous region										18.03
		Labour for	1	Cum.								198.32
		Cost for	1	Cum.								198.32

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
ii		For Ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	24.00	164.69	3952.56				
(ii)		Mazdoor (Skilled - Lower)			Each	15.00	153.56	2303.40				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	1.50	164.69	247.04				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 6503						130.06				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (10% earth will be surplus) (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						14701.95				
		Sundries @ 3% i.e. on Rs. 14701.95						441.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 15143.01						3255.75				
		Add Labour cess @ 1% i.e. on Rs. 18398.76						183.99				
		Labour for	85	Cum.				18582.75				
		Labour for	1	Cum				218.62	218.62			218.62
		Cost for	1	Cum					218.62			
		Add 10% for sub mountainous region										21.86
		Labour for	1	Cum								240.48
		Cost for	1	Cum								240.48

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iii		Semi conglomerate or soil of the nature of pick and jumper work.								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	36.00	164.69	5928.84			
(ii)		Mazdoor (Skilled - Lower)		Each	21.00	153.56	3224.76			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 9524.15					190.48			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					17783.52			
		Sundries @ 3% i.e. on Rs. 17783.52					533.51			
		Add contractor's profit @ 21.50% i.e. on Rs. 18317.03					3938.16			
		Add Labour cess @ 1% i.e. on Rs. 22255.19					222.55			
		Labour for	85	Cum.			22477.74			
		Labour for	1	Cum.			264.44	264.44		264.44
		Cost for	1	Cum.				264.44		
		Add 10% for sub mountainous region								26.44
		Labour for	1	Cum.						290.88
		Cost for	1	Cum.						290.88

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(c)		Exceeding 2.25 m depth upto 3.00 m depth for										
i		All charges of soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output										
(i)		Mazdoor (Skilled - Upper)			Each	18.00	164.69	2964.42				
(ii)		Mazdoor (Skilled - Lower)			Each	9.00	153.56	1382.04				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 4469.98										
								89.40				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						12628.27				
		Sundries @ 3% i.e. on Rs. 12628.27						378.85				
		Add contractor's profit @ 21.50% i.e. on Rs. 13007.12						2796.53				
		Add Labour cess @ 1% i.e. on Rs. 15803.65						158.04				
		Labour for			85	Cum.		15961.69				
		Labour for			1	Cum.		187.78	187.78			187.78
		Cost for			1	Cum.			187.78			
		Add 10% for sub mountainous region										18.78
		Labour for			1	Cum.						206.56
		Cost for			1	Cum.						206.56

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
ii		Ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	27.00	164.69	4446.63				
(ii)		Mazdoor (Skilled - Lower)			Each	15.00	153.56	2303.40				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	1.50	164.69	247.04				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 6997.07										
								139.94				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						15205.90				
		Sundries @ 3% i.e. on Rs. 15205.9						456.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 15662.08						3367.35				
		Add Labour cess @ 1% i.e. on Rs. 19029.43						190.29				
		Labour for	85	Cum				19219.72				
		Labour for	1	Cum				226.11	226.11			226.11
		Cost for	1	Cum					226.11			
		Add 10% for sub mountainous region										22.61
		Labour for	1	Cum								248.72
		Cost for	1	Cum								248.72

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iii		Semi conglomerate or soil of the nature of pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	42.00	164.69	6916.98			
(ii)		Mazdoor (Skilled - Lower)		Each	21.00	153.56	3224.76			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 10512.29					210.25			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					18791.43			
		Sundries @ 3% i.e. on Rs. 18791.43					563.74			
		Add contractor's profit @ 21.50% i.e. on Rs. 19355.17					4161.36			
		Add Labour cess @ 1% i.e. on Rs. 23516.53					235.17			
		Labour for	85	Cum.			23751.70			
		Labour for	1	Cum.			279.43	279.43		279.43
		Cost for	1	Cum.				279.43		
		Add 10% for sub mountainous region								27.94
		Labour for	1	Cum.						307.37
		Cost for	1	Cum.						307.37

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(d)		Exceeding 2.25 m depth upto 3.00 m depth for										
i		All Class of soil except rocky.										
		Unit :-	1	Cum								
I		Labour										
		Taking output										
			85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	21.00	164.69	3458.49				
(ii)		Mazdoor (Skilled - Lower)			Each	10.00	153.56	1535.60				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5117.61										
								102.35				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						13288.85				
		Sundries @ 3% i.e. on Rs. 13288.85						398.67				
		Add contractor's profit @ 21.50% i.e. on Rs. 13687.52						2942.82				
		Add Labour cess @ 1% i.e. on Rs. 16630.34						166.30				
		Labour for	85	Cum.				16796.64				
		Labour for	1	Cum				197.61	197.61			197.61
		Cost for	1	Cum					197.61			
		Add 10% for sub mountainous region										19.76
		Labour for	1	Cum								217.37
		Cost for	1	Cum								217.37

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							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
ii		Ordinary gravel soil involving pick work										
		Unit :-			1	Cum						
I		Labour										
		Taking output			85	Cum.						
(i)		Mazdoor (Skilled - Upper)			Each	30.00	164.69	4940.70				
(ii)		Mazdoor (Skilled - Lower)			Each	16.00	153.56	2456.96				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	1.50	164.69	247.04				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 7644.7						152.89				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						15866.48				
		Sundries @ 3% i.e. on Rs. 15866.48						475.99				
		Add contractor's profit @ 21.50% i.e. on Rs. 16342.47						3513.63				
		Add Labour cess @ 1% i.e. on Rs. 19856.1						198.56				
		Labour for			85	Cum.		20054.66				
		Labour for			1	Cum		235.94	235.94			235.94
		Cost for			1	Cum			235.94			
		Add 10% for sub mountainous region										23.59
		Labour for			1	Cum						259.53
		Cost for			1	Cum						259.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iii		For semiconglomerate or soil of the nature of pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	48.00	164.69	7905.12			
(ii)		Mazdoor (Skilled - Lower)		Each	22.00	153.56	3378.32			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 11653.99					233.08			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					19955.96			
		Sundries @ 3% i.e. on Rs. 19955.96					598.68			
		Add contractor's profit @ 21.50% i.e. on Rs. 20554.64					4419.25			
		Add Labour cess @ 1% i.e. on Rs. 24973.89					249.74			
		Labour for	85	Cum.			25223.63			
		Labour for	1	Cum			296.75	296.75		296.75
		Cost for	1	Cum				296.75		
		Add 10% for sub mountainous region								29.68
		Labour for	1	Cum						326.43
		Cost for	1	Cum						326.43

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(e)		Exceeding 4.5 m depth upto 6.0 m depth for										
i		All classes of soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output										
			85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	24.00	164.69	3952.56				
(ii)		Mazdoor (Skilled - Lower)			Each	11.00	153.56	1689.16				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5765.24						115.30				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						13949.43				
		Sundries @ 3% i.e. on Rs. 13949.43						418.48				
		Add contractor's profit @ 21.50% i.e. on Rs. 14367.91						3089.10				
		Add Labour cess @ 1% i.e. on Rs. 17457.01						174.57				
		Labour for			85	Cum.		17631.58				
		Labour for			1	Cum.		207.43	207.43			207.43
		Cost for			1	Cum.			207.43			
		Add 10% for sub mountainous region										20.74
		Labour for			1	Cum.						228.17
		Cost for			1	Cum.						228.17

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
ii		Ordinary gravel soil involving pick work										
		Unit :-										
I		Labour										
		Taking output										
(i)		Mazdoor (Skilled - Upper)			Each	33.00	164.69	5434.77				
(ii)		Mazdoor (Skilled - Lower)			Each	17.00	153.56	2610.52				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	1.25	164.69	205.86				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 8251.15										
								165.02				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						16485.06				
		Sundries @ 3% i.e. on Rs. 16485.06						494.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 16979.61						3650.62				
		Add Labour cess @ 1% i.e. on Rs. 20630.23						206.30				
		Labour for			85	Cum.		20836.53				
		Labour for			1	Cum		245.14	245.14			245.14
		Cost for			1	Cum			245.14			
		Add 10% for sub mountainous region										24.51
		Labour for			1	Cum						269.65
		Cost for			1	Cum						269.65

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iii		For semi conglomerate or soil of the nature of Pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	54.00	164.69	8893.26			
(ii)		Mazdoor (Skilled - Lower)		Each	23.00	153.56	3531.88			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 12795.69					255.91			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					21120.49			
		Sundries @ 3% i.e. on Rs. 21120.49					633.61			
		Add contractor's profit @ 21.50% i.e. on Rs. 21754.1					4677.13			
		Add Labour cess @ 1% i.e. on Rs. 26431.23					264.31			
		Labour for	85	Cum.			26695.54			
		Labour for	1	Cum			314.07	314.07		314.07
		Cost for	1	Cum				314.07		
		Add 10% for sub mountainous region								31.41
		Labour for	1	Cum						345.48
		Cost for	1	Cum						345.48

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(f)		Exceeding 6.0m depth upto 7.5 m depth for										
i		For all classes of soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output										
			85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	27.00	164.69	4446.63				
(ii)		Mazdoor (Skilled - Lower)			Each	12.00	153.56	1842.72				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 6412.87										
								128.26				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						14610.02				
		Sundries @ 3% i.e. on Rs. 14610.02						438.30				
		Add contractor's profit @ 21.50% i.e. on Rs. 15048.32						3235.39				
		Add Labour cess @ 1% i.e. on Rs. 18283.71						182.84				
		Labour for	85	Cum.				18466.55				
		Labour for	1	Cum				217.25	217.25			217.25
		Cost for	1	Cum					217.25			
		Add 10% for sub mountainous region										21.73
		Labour for	1	Cum								238.98
		Cost for	1	Cum								238.98

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
ii		ordinary gravel soil including pick work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	36.00	164.69	5928.84			
(ii)		Mazdoor (Skilled - Lower)		Each	18.00	153.56	2764.08			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	1.50	164.69	247.04			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 8939.96					178.80			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					17187.65			
		Sundries @ 3% i.e. on Rs. 17187.65					515.63			
		Add contractor's profit @ 21.50% i.e. on Rs. 17703.28					3806.21			
		Add Labour cess @ 1% i.e. on Rs. 21509.49					215.09			
		Labour for	85	Cum.			21724.58			
		Labour for	1	Cum			255.58	255.58		255.58
		Cost for	1	Cum				255.58		
		Add 10% for sub mountainous region								25.56
		Labour for	1	Cum						281.14
		Cost for	1	Cum						281.14

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iii		Semi conglomerate or soil of the nature of pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	60.00	164.69	9881.40			
(ii)		Mazdoor (Skilled - Lower)		Each	24.00	153.56	3685.44			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 13937.39					278.75			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					22285.03			
		Sundries @ 3% i.e. on Rs. 22285.03					668.55			
		Add contractor's profit @ 21.50% i.e. on Rs. 22953.58					4935.02			
		Add Labour cess @ 1% i.e. on Rs. 27888.6					278.89			
		Labour for	85	Cum.			28167.49			
		Labour for	1	Cum			331.38	331.38		331.38
		Cost for	1	Cum				331.38		
		Add 10% for sub mountainous region								33.14
		Labour for	1	Cum						364.52
		Cost for	1	Cum						364.52

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.2		Excavation for Pipe lines in trenches and Pits upto 1.5m Depth including trimming and dressing sides, levelling of beds of trenches to correct grade, cutting joint holes, refilling, consolidation and watering of refill in 15cm layers and Restoration of unmatalled or unpaved surface to its original condition, excluding cost of shoring timbering but including the cost of dewatering of rain water, diversion for traffic, night signals, providing & fixing caution boards, crossing over trenches for access to the houses, watching, fencing, etc., and removal of surplus soil out side/ inside the town involving lead upto one km.								
(a)		All classes of soil except rocky								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	12.00	164.69	1976.28			
(ii)		Mazdoor (Skilled - Lower)		Each	9.00	153.56	1382.04			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 3728.87					74.58			
(v)		Provision for crossing of trenches for access to the houses @ 1% of labour cost i.e. on Rs. 3728.87					37.29			
(vi)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					6597.13			
		Sundries @ 3% i.e. on Rs. 6597.13					197.91			
		Add contractor's profit @ 21.50% i.e. on Rs. 6795.04					1460.93			
		Add Labour cess @ 1% i.e. on Rs. 8255.97					82.56			
		Labour for	85	Cum.			8338.53			
		Labour for	1	Cum			98.10	98.10		98.10
		Cost for	1	Cum			98.10			
		Add 10% for sub mountainous region								9.81
		Labour for	1	Cum						107.91
		Cost for	1	Cum						107.91

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(b)		In ordinary gravel soil involving pick up										
		Unit :-	1	Cum								
II		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	21.00	164.69	3458.49				
(ii)		Mazdoor (Skilled - Lower)			Each	12.00	153.56	1842.72				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	3.00	164.69	494.07				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5795.28										
								115.91				
(v)		Provision for crossing of trenches for access to the houses @ 1% of labour cost i.e. on Rs. 5795.28						57.95				
(vi)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)			Cum	8.50	153.73	1306.71				
		Total - I						8725.53				
		Sundries @ 3% i.e. on Rs. 8725.53						261.77				
		Add contractor's profit @ 21.50% i.e. on Rs. 8987.3						1932.27				
		Add Labour cess @ 1% i.e. on Rs. 10919.57						109.20				
		Labour for	85	Cum.				11028.77				
		Labour for	1	Cum				129.75	129.75			129.75
		Cost for	1	Cum					129.75			
		Add 10% for sub mountainous region										12.98
		Labour for	1	Cum								142.73
		Cost for	1	Cum								142.73

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(C)		In Semi-conglomerate or soil or the nature of pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	30.00	164.69	4940.70			
(ii)		Mazdoor (Skilled - Lower)		Each	15.00	153.56	2303.40			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	3.75	164.69	617.59			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 7861.69					157.23			
(v)		Provision for crossing of trenches for access to the houses @ 1% of labour cost i.e. on Rs. 7861.69					78.62			
(vi)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vii)		Removal of surplus soil to one km. lead (10% surplus) (Rate as per sub analysis attached)		Cum	8.50	153.73	1306.71			
		Total - I					10853.93			
		Sundries @ 3% i.e. on Rs. 10853.93					325.62			
		Add contractor's profit @ 21.50% i.e. on Rs. 11179.55					2403.60			
		Add Labour cess @ 1% i.e. on Rs. 13583.15					135.83			
		Labour for	85	Cum.			13718.98			
		Labour for	1	Cum			161.40	161.40		161.40
		Cost for	1	Cum				161.40		
		Add 10% for sub mountainous region								16.14
		Labour for	1	Cum						177.54
		Cost for	1	Cum						177.54

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.3		Excavation for pipe lines in trenches and pits in open areas whrere disposal of surplus earth is done along the alignment including trimming and dressing sides, levelling of beds of trenches to correct grade, cutting joint holes, consolidation and watering of refill in refilling 15cm layers and restoration of unmetalled or unpaved surface to its original condition. The rate includes the cost of necessary timbering dewatering of rain water diversion for traffice night signals, providing & fixing caution boards, watching fencing etc.								
(a)		Upto 1.5m depth								
(I)		All classes of soil except rocky								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	12.00	164.69	1976.28			
(ii)		Mazdoor (Skilled - Lower)		Each	9.00	153.56	1382.04			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 3728.87					74.58			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					10565.63			
		Sundries @ 3% i.e. on Rs. 10565.63					316.97			
		Add contractor's profit @ 21.50% i.e. on Rs. 10882.6					2339.76			
		Add Labour cess @ 1% i.e. on Rs. 13222.36					132.22			
		Labour for	85	Cum.			13354.58			
		Labour for	1	Cum			157.11	157.11		157.11
		Cost for	1	Cum				157.11		
		Add 10% for sub mountainous region								15.71
		Labour for	1	Cum						172.82
		Cost for	1	Cum						172.82

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(II)		In ordinary gravel soil involving pick work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	21.00	164.69	3458.49			
(ii)		Mazdoor (Skilled - Lower)		Each	12.00	153.56	1842.72			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water		Each	3.00	164.69	494.07			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5795.28					115.91			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					12673.37			
		Sundries @ 3% i.e. on Rs. 12673.37					380.20			
		Add contractor's profit @ 21.50% i.e. on Rs. 13053.57					2806.52			
		Add Labour cess @ 1% i.e. on Rs. 15860.09					158.60			
		Labour for	85	Cum.			16018.69			
		Labour for	1	Cum			188.46	188.46		188.46
		Cost for	1	Cum				188.46		
		Add 10% for sub mountainous region								18.85
		Labour for	1	Cum						207.31
		Cost for	1	Cum						207.31

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(III)		In Semi-conglomerate or soil of the nature of pick and jumper work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	30.00	164.69	4940.70				
(ii)		Mazdoor (Skilled - Lower)			Each	15.00	153.56	2303.40				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	3.75	164.69	617.59				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 7861.69										
								157.23				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						14781.10				
		Sundries @ 3% i.e. on Rs. 14781.1						443.43				
		Add contractor's profit @ 21.50% i.e. on Rs. 15224.53						3273.27				
		Add Labour cess @ 1% i.e. on Rs. 18497.8						184.98				
		Labour for	85	Cum.				18682.78				
		Labour for	1	Cum				219.80	219.80			219.80
		Cost for	1	Cum					219.80			
		Add 10% for sub mountainous region										21.98
		Labour for	1	Cum								241.78
		Cost for	1	Cum								241.78

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(b)		Exceeding 1.5m depth upto2.25 m depth for										
(l)		In all classes of soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	15.00	164.69	2470.35				
(ii)		Mazdoor (Skilled - Lower)			Each	9.00	153.56	1382.04				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 3975.91						79.52				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						10817.61				
		Sundries @ 3% i.e. on Rs. 10817.61						324.53				
		Add contractor's profit @ 21.50% i.e. on Rs. 11142.14						2395.56				
		Add Labour cess @ 1% i.e. on Rs. 13537.7						135.38				
		Labour for	85	Cum.				13673.08				
		Labour for	1	Cum				160.86	160.86			160.86
		Cost for	1	Cum					160.86			
		Add 10% for sub mountainous region										16.09
		Labour for	1	Cum								176.95
		Cost for	1	Cum								176.95

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(II)		In ordinary gravel soil involving pick work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	24.00	164.69	3952.56			
(ii)		Mazdoor (Skilled - Lower)		Each	15.00	153.56	2303.40			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water		Each	1.50	164.69	247.04			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 6503					130.06			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					13395.24			
		Sundries @ 3% i.e. on Rs. 13395.24					401.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 13797.1					2966.38			
		Add Labour cess @ 1% i.e. on Rs. 16763.48					167.63			
		Labour for	85	Cum.			16931.11			
		Labour for	1	Cum			199.19	199.19		199.19
		Cost for	1	Cum			199.19			
		Add 10% for sub mountainous region								19.92
		Labour for	1	Cum						219.11
		Cost for	1	Cum						219.11

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(III)		In semi-conglomerate or soil of the nature of pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	36.00	164.69	5928.84			
(ii)		Mazdoor (Skilled - Lower)		Each	21.00	153.56	3224.76			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 9524.15					190.48			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					16476.81			
		Sundries @ 3% i.e. on Rs. 16476.81					494.30			
		Add contractor's profit @ 21.50% i.e. on Rs. 16971.11					3648.79			
		Add Labour cess @ 1% i.e. on Rs. 20619.9					206.20			
		Labour for	85	Cum.			20826.10			
		Labour for	1	Cum			245.01	245.01		245.01
		Cost for	1	Cum				245.01		
		Add 10% for sub mountainous region								24.50
		Labour for	1	Cum						269.51
		Cost for	1	Cum						269.51

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(C)		Exceeding 2.25m depth upto 3.0 m depth for								
(I)		In all classes of Soil except rocky								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	18.00	164.69	2964.42			
(ii)		Mazdoor (Skilled - Lower)		Each	9.00	153.56	1382.04			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	0.75	164.69	123.52			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 4469.98					89.40			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					11321.56			
		Sundries @ 3% i.e. on Rs. 11321.56					339.65			
		Add contractor's profit @ 21.50% i.e. on Rs. 11661.21					2507.16			
		Add Labour cess @ 1% i.e. on Rs. 14168.37					141.68			
		Labour for	85	Cum.			14310.05			
		Labour for	1	Cum			168.35	168.35		168.35
		Cost for	1	Cum				168.35		
		Add 10% for sub mountainous region								16.84
		Labour for	1	Cum						185.19
		Cost for	1	Cum						185.19

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(II)		In ordinary gravel soil involving pick work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	27.00	164.69	4446.63			
(ii)		Mazdoor (Skilled - Lower)		Each	15.00	153.56	2303.40			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water		Each	1.50	164.69	247.04			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 6997.07					139.94			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					13899.19			
		Sundries @ 3% i.e. on Rs. 13899.19					416.98			
		Add contractor's profit @ 21.50% i.e. on Rs. 14316.17					3077.98			
		Add Labour cess @ 1% i.e. on Rs. 17394.15					173.94			
		Labour for	85	Cum.			17568.09			
		Labour for	1	Cum			206.68	206.68		206.68
		Cost for	1	Cum				206.68		
		Add 10% for sub mountainous region								20.67
		Labour for	1	Cum						227.35
		Cost for	1	Cum						227.35

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(III)		In semi-conglomerate or soil of the nature of pick and jumper work								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	42.00	164.69	6916.98			
(ii)		Mazdoor (Skilled - Lower)		Each	21.00	153.56	3224.76			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 10512.29					210.25			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)		Cum	85.00	62.50	5312.50			
		Total - I					17484.72			
		Sundries @ 3% i.e. on Rs. 17484.72					524.54			
		Add contractor's profit @ 21.50% i.e. on Rs. 18009.26					3871.99			
		Add Labour cess @ 1% i.e. on Rs. 21881.25					218.81			
		Labour for	85	Cum.			22100.06			
		Labour for	1	Cum			260.00	260.00		260.00
		Cost for	1	Cum				260.00		
		Add 10% for sub mountainous region								26.00
		Labour for	1	Cum						286.00
		Cost for	1	Cum						286.00

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(D)		Exceeding 3.0m depth upto 4.50 m depth for										
(I)		For all Classes of soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	21.00	164.69	3458.49				
(ii)		Mazdoor (Skilled - Lower)			Each	10.00	153.56	1535.60				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5117.61										
								102.35				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						11982.14				
		Sundries @ 3% i.e. on Rs. 11982.14						359.46				
		Add contractor's profit @ 21.50% i.e. on Rs. 12341.6						2653.44				
		Add Labour cess @ 1% i.e. on Rs. 14995.04						149.95				
		Labour for	85	Cum.				15144.99				
		Labour for	1	Cum				178.18	178.18			178.18
		Cost for	1	Cum					178.18			
		Add 10% for sub mountainous region										17.82
		Labour for	1	Cum								196.00
		Cost for	1	Cum								196.00

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(II)		Ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	30.00	164.69	4940.70				
(ii)		Mazdoor (Skilled - Lower)			Each	16.00	153.56	2456.96				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	1.50	164.69	247.04				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 7644.7						152.89				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						14559.77				
		Sundries @ 3% i.e. on Rs. 14559.77						436.79				
		Add contractor's profit @ 21.50% i.e. on Rs. 14996.56						3224.26				
		Add Labour cess @ 1% i.e. on Rs. 18220.82						182.21				
		Labour for	85	Cum.				18403.03				
		Labour for	1	Cum				216.51	216.51			216.51
		Cost for	1	Cum					216.51			
		Add 10% for sub mountainous region										21.65
		Labour for	1	Cum								238.16
		Cost for	1	Cum								238.16

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(III)		Semi-Conglomerate or soil of the nature of pick and jumper work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	48.00	164.69	7905.12				
(ii)		Mazdoor (Skilled - Lower)			Each	22.00	153.56	3378.32				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	2.25	164.69	370.55				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 11653.99						233.08				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						18649.25				
		Sundries @ 3% i.e. on Rs. 18649.25						559.48				
		Add contractor's profit @ 21.50% i.e. on Rs. 19208.73						4129.88				
		Add Labour cess @ 1% i.e. on Rs. 23338.61						233.39				
		Labour for	85	Cum.				23572.00				
		Labour for	1	Cum				277.32	277.32			277.32
		Cost for	1	Cum					277.32			
		Add 10% for sub mountainous region										27.73
		Labour for	1	Cum								305.05
		Cost for	1	Cum								305.05

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(e)		Exceeding 4.50 m depth upto 6.0 m depth for										
(f)		All Classes of Soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	24.00	164.69	3952.56				
(ii)		Mazdoor (Skilled - Lower)			Each	11.00	153.56	1689.16				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5765.24						115.30				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						12642.72				
		Sundries @ 3% i.e. on Rs. 12642.72						379.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 13022						2799.73				
		Add Labour cess @ 1% i.e. on Rs. 15821.73						158.22				
		Labour for	85	Cum.				15979.95				
		Labour for	1	Cum				188.00	188.00			188.00
		Cost for	1	Cum					188.00			
		Add 10% for sub mountainous region										18.80
		Labour for	1	Cum								206.80
		Cost for	1	Cum								206.80

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(II)		Ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	33.00	164.69	5434.77				
(ii)		Mazdoor (Skilled - Lower)			Each	17.00	153.56	2610.52				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	1.50	164.69	247.04				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 8292.33										
								165.85				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						15220.36				
		Sundries @ 3% i.e. on Rs. 15220.36						456.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 15676.97						3370.55				
		Add Labour cess @ 1% i.e. on Rs. 19047.52						190.48				
		Labour for	85	Cum.				19238.00				
		Labour for	1	Cum				226.33	226.33			226.33
		Cost for	1	Cum					226.33			
		Add 10% for sub mountainous region										22.63
		Labour for	1	Cum								248.96
		Cost for	1	Cum								248.96

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(III)		Semi-conglomerate or soil of the nature of pick and jumper work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	54.00	164.69	8893.26				
(ii)		Mazdoor (Skilled - Lower)			Each	23.00	153.56	3531.88				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	2.25	164.69	370.55				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 12795.69						255.91				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						19813.78				
		Sundries @ 3% i.e. on Rs. 19813.78						594.41				
		Add contractor's profit @ 21.50% i.e. on Rs. 20408.19						4387.76				
		Add Labour cess @ 1% i.e. on Rs. 24795.95						247.96				
		Labour for	85	Cum.				25043.91				
		Labour for	1	Cum				294.63	294.63			294.63
		Cost for	1	Cum					294.63			
		Add 10% for sub mountainous region										29.46
		Labour for	1	Cum								324.09
		Cost for	1	Cum								324.09

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(f)		Exceeding 6.0 m depth upto 7.50 m depth for										
(l)		For all classes of soil except rocky										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	27.00	164.69	4446.63				
(ii)		Mazdoor (Skilled - Lower)			Each	12.00	153.56	1842.72				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	0.75	164.69	123.52				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 6412.87						128.26				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						13303.31				
		Sundries @ 3% i.e. on Rs. 13303.31						399.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 13702.41						2946.02				
		Add Labour cess @ 1% i.e. on Rs. 16648.43						166.48				
		Labour for	85	Cum.				16814.91				
		Labour for	1	Cum				197.82	197.82			197.82
		Cost for	1	Cum					197.82			
		Add 10% for sub mountainous region										19.78
		Labour for	1	Cum								217.60
		Cost for	1	Cum								217.60

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(II)		Ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	36.00	164.69	5928.84				
(ii)		Mazdoor (Skilled - Lower)			Each	18.00	153.56	2764.08				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc. and dewatering of rain water			Each	1.50	164.69	247.04				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 8939.96										
								178.80				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						15880.94				
		Sundries @ 3% i.e. on Rs. 15880.94						476.43				
		Add contractor's profit @ 21.50% i.e. on Rs. 16357.37						3516.83				
		Add Labour cess @ 1% i.e. on Rs. 19874.2						198.74				
		Labour for	85	Cum.				20072.94				
		Labour for	1	Cum				236.15	236.15			236.15
		Cost for	1	Cum					236.15			
		Add 10% for sub mountainous region										23.62
		Labour for	1	Cum								259.77
		Cost for	1	Cum								259.77

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(III)		In Semi-conglomerate or soil of the nature of pick and jumper work										
		Unit :-										
I		Labour										
		Taking output										
(i)		Mazdoor (Skilled - Upper)			Each	60.00	164.69	9881.40				
(ii)		Mazdoor (Skilled - Lower)			Each	24.00	153.56	3685.44				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	2.25	164.69	370.55				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 13937.39										
								278.75				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
(vi)		Provision for timbering of trenches for 85 cum. of earthwork (Rate as per analysis attached)			Cum	85.00	62.50	5312.50				
		Total - I						20978.32				
		Sundries @ 3% i.e. on Rs. 20978.32						629.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 21607.67						4645.65				
		Add Labour cess @ 1% i.e. on Rs. 26253.32						262.53				
		Labour for			85	Cum.		26515.85				
		Labour for			1	Cum		311.95	311.95			311.95
		Cost for			1	Cum			311.95			
		Add 10% for sub mountainous region										31.20
		Labour for			1	Cum						343.15
		Cost for			1	Cum						343.15

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.4		Excavation for Pipe Lines in trenches and pits upto 1.5m Depth in open area where disposal of surplus earth is done alongwith alignment, including trimming and drsessing sides, levelling of beds of trenches to correct grade, cutting joint holes, refilling; consolidation and watering of refill in 15cm layers and Restoration of unmetalled or unpaved surface to its original condition excluding cost of shoring and timbering but including the cost of dewatering of rain water, diversion for traffic, night signals, providing & fixing caution boards, watching, fencing etc.								
(a)		In all classes of soil except rocky								
		Unit :-	1	Cum						
I		Labour								
		Taking output	85	Cum.						
(i)		Mazdoor (Skilled - Upper)		Each	12.00	164.69	1976.28			
(ii)		Mazdoor (Skilled - Lower)		Each	9.00	153.56	1382.04			
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water		Each	2.25	164.69	370.55			
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 3728.87					74.58			
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)		Cum	76.50	18.95	1449.68			
		Total - I					5253.13			
		Sundries @ 3% i.e. on Rs. 5253.13					157.59			
		Add contractor's profit @ 21.50% i.e. on Rs. 5410.72					1163.30			
		Add Labour cess @ 1% i.e. on Rs. 6574.02					65.74			
		Labour for	85	Cum.			6639.76			
		Labour for	1	Cum			78.11	78.11		78.11
		Cost for	1	Cum				78.11		
		Add 10% for sub mountainous region								7.81
		Labour for	1	Cum						85.92
		Cost for	1	Cum						85.92

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(b)		In ordinary gravel soil involving pick work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	21.00	164.69	3458.49				
(ii)		Mazdoor (Skilled - Lower)			Each	12.00	153.56	1842.72				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	3.00	164.69	494.07				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 5795.28										
								115.91				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
		Total - I						7360.87				
		Sundries @ 3% i.e. on Rs. 7360.87						220.83				
		Add contractor's profit @ 21.50% i.e. on Rs. 7581.7						1630.07				
		Add Labour cess @ 1% i.e. on Rs. 9211.77						92.12				
		Labour for	85	Cum.				9303.89				
		Labour for	1	Cum				109.46	109.46			109.46
		Cost for	1	Cum					109.46			
		Add 10% for sub mountainous region										10.95
		Labour for	1	Cum								120.41
		Cost for	1	Cum								120.41

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(c)		In semi-conglomerate or soil of the nature of pick and jumper work										
		Unit :-	1	Cum								
I		Labour										
		Taking output	85	Cum.								
(i)		Mazdoor (Skilled - Upper)			Each	30.00	164.69	4940.70				
(ii)		Mazdoor (Skilled - Lower)			Each	15.00	153.56	2303.40				
(iii)		Mazdoor (Skilled - Upper) for dressing sides bed trimming levelling of trenches, cutting joints holes etc, and dewatering of rain water			Each	3.75	164.69	617.59				
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 7861.69										
								157.23				
(v)		Refilling trenches in 15cm layers ramming watering and dressing to its original condition (6.8 (a) (ii)) (10% earth will be surplus)			Cum	76.50	18.95	1449.68				
		Total - I						9468.60				
		Sundries @ 3% i.e. on Rs. 9468.6						284.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 9752.66						2096.82				
		Add Labour cess @ 1% i.e. on Rs. 11849.48						118.49				
		Labour for	85	Cum.				11967.97				
		Labour for	1	Cum				140.80	140.80			140.80
		Cost for	1	Cum					140.80			
		Add 10% for sub mountainous region										14.08
		Labour for	1	Cum								154.88
		Cost for	1	Cum								154.88

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.5		Extra for disposal of surplus soil on Item No. 28.1 and 28.2 beyond one km.								
		Subsequent Km. from 2 km. to _ _ _ _ _								
		Rate for this item will be given as per Chapter 5 of Carriage.								
28.6		Extra for cutting Through Cement Concrete Roads and their foundations including sorting and stacking the soling at the site of work as ordered by the Engineer-in-charge.								
		Rate for this item will be given as per Chapter 8 of dismantling.								
28.7		Extra for cutting through metalled Roads and their foundation including sorting screening and stacking the soling stone and road metal at the site of work as ordered by the Engineer-in-charge.								
		Rate for this item will be given as per Chapter 24 of road work.								

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.8 (a)		Consolidation of road cuts with hammers, hand rollers and laying of flat brick soling/pavement (at formation level) complete so as to allow unobstructed traffic (with dismantled material at site).								
		Unit :-	1	Sqm						
I		Labour								
		Taking Output :-	10	Sqm						
(i)		Extra labour for consolidation of trenches with hammers/Hand rollers etc. (6.8.1) : 10X0.19 : 1.90 Cum (Rate as per CSR item 6.8 (i))			Cum	1.90	18.95	36.01		
(ii)		Laying brick soling flush with the road level in particeit may be about 12.5mm above) (24.7) 10 x 0.75 = 0.75 (Rate as per CSR item 14.16)			Cum	0.75	14.13	10.60		
(iv)		Provision for Diversion of traffic, night signals fixing, providing cautionary boards & watching etc. @ 2% of labour cost i.e. on Rs. 46.61								
							0.93			
		Labour for	10	Sqm			47.54			
		Labour for	1	Sqm			4.75	4.75		4.75
		Cost for	1	Sqm				4.75		
		Add 10% for sub mountainous region								0.48
		Labour for	1	Sqm						5.23
		Cost for	1	Sqm						5.23

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.8 (b)		Recondition road cuts with hammers, hand rollers and laying of stone metal / bajri in soling / base coarse confirming to WBM specifications (at formation level) complete so as to allow unobstructed traffic (with dismantled material at site).								
		Unit :-	1	Cum.						
I		Labour								
		Taking Output 3.66 m. wide * 1000 m. Road * 0.150 m. Thick:-	549	Cum.						
(i)		Labour for laying and consolidation of stone metal (Rate as per CSR item 24.14)		Cum	549.00	196.08	107647.92			
		Labour for	549	Cum.			107647.92			
		Labour for	1	Cum.			196.08	196.08		196.08
		Cost for	1	Cum.				196.08		
		Add 10% for sub mountainous region								19.61
		Labour for	1	Cum.						215.69
		Cost for	1	Cum.						215.69

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.9 A		Providing, Stringing out, cutting, Jointing and testing of ISI Marked C.I. Pipes Class-LA per IS:1536 and laying the same in trenches to correct alignment and gradients,jointed with rubber tyton joints fitted complete including all cartage.										
a		80mm i/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output of 80mm i/d pipe weight 15.8 Kg. per m. :-	100	m.								
		Or	15.80	Qtl.								
(I)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	822.90	83935.80				
		Total - I						83935.80				
		Sundries @ 3% i.e. on Rs. 83935.8						2518.07				
		Add contractor's profit @ 10% i.e. on Rs. 86453.87						8645.39				
		Add Labour cess @ 1% i.e. on Rs. 95099.26						950.99				
		Material cost for	100.00	m.				96050.25				
		Material cost for	1.00	m.				960.50	960.50			960.50
		For stringing out in trench 80mm i/d										
		Labour										
		Taking Output :-	35.55	Qtl.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)			Each	3.00	174.53	523.59				
		Total						928.81				
		Sundries @ 3% i.e. on Rs. 928.81						27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67						205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35						11.62				
		Labour for	35.55	Qtl.				1173.97				
		Labour for	15.80	Qtl.				521.76				
		Labour for	1	Qtl.				33.02				
		For cutting C.I. Pipe 80mm i/d										
		Labour										
		Taking Output :-	10	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	0.50	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	0.50	181.86	90.93				
(iii)		Pig lead			Kg.	19.00	148.00	2812.00				
(iv)		Spun yarn			Kg.	1.10	72.00	79.20				
		Total						3093.81				
		Sundries @ 3% i.e. on Rs. 3093.81						92.81				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		Add contractor's profit @ 21.50% i.e. on Rs. 3186.62				685.12				
		Add Labour cess @ 1% i.e. on Rs. 3871.74				38.72				
		Labour for 10 Cuts				3910.46				
		Labour for 1 Cuts				391.05				
		For Jointing C.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-	10	Joints						
(i)		Fitter Pipe (Ist Class)	Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)	Each	1.50	181.86	272.79				
		Total				570.53				
		Sundries @ 3% i.e. on Rs. 570.53				17.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 587.65				126.34				
		Add Labour cess @ 1% i.e. on Rs. 713.99				7.14				
		Labour for 10 Joints				721.13				
		Labour for 1 Joints				72.11				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.	Kg.	15.80	0.3302	5.22				
		Cutting of pipe taking 7 cut per 100 m.	Each	0.07	391.05	27.37				
		Jointig pipe taking 41 joint per 100 m.	Each	0.41	72.11	29.57				
		Labour For 1 m.				62.16	62.16			62.16
		Cost for 1 m.					1022.66			
		Add 10% for sub mountainous region								6.22
		Labour for 1 m.								68.38
		Cost for 1 m.								1028.88

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 100mm i/d pipe weight 20 Kg. per m. :-	100	m.						
		Or	20.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1039.18	105996.36			
		Total - I				105996.36				
		Sundries @ 3% i.e. on Rs. 105996.36				3179.89				
		Add contractor's profit @ 10% i.e. on Rs. 109176.25				10917.63				
		Add Labour cess @ 1% i.e. on Rs. 120093.88				1200.94				
		Material cost for	100.00	m.		121294.82				
		Material cost for	1.00	m.		1212.95	1212.95			1212.95
		For stringing out in trench 100mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	20.00	Qtl.		660.46				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 100mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	0.75	223.36	167.52			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	24.00	148.00	3552.00			
(iv)		Spun yarn		Kg.	1.70	72.00	122.40			
		Total				3978.32				
		Sundries @ 3% i.e. on Rs. 3978.32				119.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 4097.67				881.00				
		Add Labour cess @ 1% i.e. on Rs. 4978.67				49.79				
		Labour for	10	Cuts		5028.46				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				502.85				
		For Jointing C.I. Pipe 100mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	2.50	181.86	454.65				
		Total						752.39				
		Sundries @ 3% i.e. on Rs. 752.39						22.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 774.96						166.62				
		Add Labour cess @ 1% i.e. on Rs. 941.58						9.42				
		Labour for	10	Joints				951.00				
		Labour for	1	Joints				95.10				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	20.00	0.3302	6.60				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	502.85	35.20				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	95.10	38.99				
		Labour For	1	m.				80.79	80.79			80.79
		Cost for	1	m.					1293.74			
		Add 10% for sub mountainous region										8.08
		Labour for	1	m.								88.87
		Cost for	1	m.								1301.82

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete			Deleted as this size is not in use nowadays					
		Unit :-	1	m.						
		Taking Output of 125mm i/d pipe weight 26.0 Kg. per m. :-	100	m.						
		Or	26.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	0.00				
		Total - I				0.00				
		Sundries @ 3% i.e. on Rs. 0				0.00				
		Add contractor's profit @ 10% i.e. on Rs. 0				0.00				
		Add Labour cess @ 1% i.e. on Rs. 0				0.00				
		Material cost for	100.00	m.		0.00				
		Material cost for	1.00	m.		0.00	0.00			0.00
		For stringing out in trench 125mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	26.00	Qtl.		858.60				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 125mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	29.00	148.00	4292.00			
(iv)		Spun yarn		Kg.	2.00	72.00	144.00			
		Total				4795.76				
		Sundries @ 3% i.e. on Rs. 4795.76				143.87				
		Add contractor's profit @ 21.50% i.e. on Rs. 4939.63				1062.02				
		Add Labour cess @ 1% i.e. on Rs. 6001.65				60.02				
		Labour for	10	Cuts		6061.67				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				606.17				
		For Jointing C.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
		Total						880.62				
		Sundries @ 3% i.e. on Rs. 880.62						26.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 907.04						195.01				
		Add Labour cess @ 1% i.e. on Rs. 1102.05						11.02				
		Labour for	10	Joints				1113.07				
		Labour for	1	Joints				111.31				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	26.00	0.3302	8.59				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	606.17	42.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	111.31	45.64				
		Labour For	1	m.				96.66	96.66			96.66
		Cost for	1	m.					96.66			
		Add 10% for sub mountainous region										9.67
		Labour for	1	m.								106.33
		Cost for	1	m.								106.33

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 150mm i/d pipe weight 32.40 Kg. per m. :-	100	m.						
		Or	32.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1561.40	159262.80			
		Total - I				159262.80				
		Sundries @ 3% i.e. on Rs. 159262.8				4777.88				
		Add contractor's profit @ 10% i.e. on Rs. 164040.68				16404.07				
		Add Labour cess @ 1% i.e. on Rs. 180444.75				1804.45				
		Material cost for	100.00	m.		182249.20				
		Material cost for	1.00	m.		1822.49	1822.49			1822.49
		For stringing out in trench 150mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	32.40	Qtl.		1069.95				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 150mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.125	223.36	251.28			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	36.00	148.00	5328.00			
(iv)		Spun yarn		Kg.	2.30	72.00	165.60			
		Total				5926.74				
		Sundries @ 3% i.e. on Rs. 5926.74				177.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 6104.54				1312.48				
		Add Labour cess @ 1% i.e. on Rs. 7417.02				74.17				
		Labour for	10	Cuts		7491.19				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				749.12				
		For Jointing C.I. Pipe 150mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
		Total						880.62				
		Sundries @ 3% i.e. on Rs. 880.62						26.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 907.04						195.01				
		Add Labour cess @ 1% i.e. on Rs. 1102.05						11.02				
		Labour for	10	Joints				1113.07				
		Labour for	1	Joints				111.31				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	32.40	0.3302	10.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	749.12	52.44				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	111.31	45.64				
		Labour For	1	m.				108.78	108.78			108.78
		Cost for	1	m.					1931.27			
		Add 10% for sub mountainous region										10.88
		Labour for	1	m.								119.66
		Cost for	1	m.								1942.15

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 200mm i/d pipe weight 47.40 Kg. per m. :-	100	m.						
		Or	47.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2516.18	256650.36			
		Total - I					256650.36			
		Sundries @ 3% i.e. on Rs. 256650.36					7699.51			
		Add contractor's profit @ 10% i.e. on Rs. 264349.87					26434.99			
		Add Labour cess @ 1% i.e. on Rs. 290784.86					2907.85			
		Material cost for	100.00	m.			293692.71			
		Material cost for	1.00	m.			2936.93		2936.93	2936.93
		For stringing out in trench 200mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	47.40	Qtl.			1565.29			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 200mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	49.00	148.00	7252.00			
(iv)		Spun yarn		Kg.	2.90	72.00	208.80			
		Total					7977.70			
		Sundries @ 3% i.e. on Rs. 7977.7					239.33			
		Add contractor's profit @ 21.50% i.e. on Rs. 8217.03					1766.66			
		Add Labour cess @ 1% i.e. on Rs. 9983.69					99.84			
		Labour for	10	Cuts			10083.53			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1008.35				
		For Jointing C.I. Pipe 200mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1209.25				
		Sundries @ 3% i.e. on Rs. 1209.25						36.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 1245.53						267.79				
		Add Labour cess @ 1% i.e. on Rs. 1513.32						15.13				
		Labour for	10	Joints				1528.45				
		Labour for	1	Joints				152.85				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	47.40	0.3302	15.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1008.35	70.58				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	152.85	62.67				
		Labour For	1	m.				148.90	148.90			148.90
		Cost for	1	m.					3085.83			
		Add 10% for sub mountainous region										14.89
		Labour for	1	m.								163.79
		Cost for	1	m.								3100.72

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 250mm i/d pipe weight 63.8 Kg. per m. :-		100 m.						
		Or		63.80 Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	3312.70	337895.40				
		Total - I				337895.40				
		Sundries @ 3% i.e. on Rs. 337895.4				10136.86				
		Add contractor's profit @ 10% i.e. on Rs. 348032.26				34803.23				
		Add Labour cess @ 1% i.e. on Rs. 382835.49				3828.35				
		Material cost for		100.00 m.		386663.84				
		Material cost for		1.00 m.		3866.64	3866.64			3866.64
		For stringing out in trench 250mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for		35.55 Qtl.		1173.97				
		Labour for		63.80 Qtl.		2106.87				
		Labour for		1 Qtl.		33.02				
		For cutting C.I. Pipe 250mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Pig lead	Kg.	68.00	148.00	10064.00				
(iv)		Spun yarn	Kg.	3.40	72.00	244.80				
		Total				11049.06				
		Sundries @ 3% i.e. on Rs. 11049.06				331.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 11380.53				2446.81				
		Add Labour cess @ 1% i.e. on Rs. 13827.34				138.27				
		Labour for		10 Cuts		13965.61				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1396.56				
		For Jointing C.I. Pipe 250mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1376.77				
		Sundries @ 3% i.e. on Rs. 1376.77						41.30				
		Add contractor's profit @ 21.50% i.e. on Rs. 1418.07						304.89				
		Add Labour cess @ 1% i.e. on Rs. 1722.96						17.23				
		Labour for	10	Joints				1740.19				
		Labour for	1	Joints				174.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	63.80	0.3302	21.07				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1396.56	97.76				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	174.02	71.35				
		Labour For	1	m.				190.18	190.18			190.18
		Cost for	1	m.					4056.82			
		Add 10% for sub mountainous region										19.02
		Labour for	1	m.								209.20
		Cost for	1	m.								4075.84

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 300mm i/d pipe weight 82.4 Kg. per m. :-	100	m.						
		Or	82.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4378.25	446581.50			
		Total - I					446581.50			
		Sundries @ 3% i.e. on Rs. 446581.5					13397.45			
		Add contractor's profit @ 10% i.e. on Rs. 459978.95					45997.90			
		Add Labour cess @ 1% i.e. on Rs. 505976.85					5059.77			
		Material cost for	100.00	m.			511036.62			
		Material cost for	1.00	m.			5110.37			5110.37
		For stringing out in trench 300mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	82.40	Qtl.			10045.36			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 300mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	3.500	223.36	781.76			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	79.00	148.00	11692.00			
(iv)		Spun yarn		Kg.	4.80	72.00	345.60			
		Total					13001.22			
		Sundries @ 3% i.e. on Rs. 13001.22					390.04			
		Add contractor's profit @ 21.50% i.e. on Rs. 13391.26					2879.12			
		Add Labour cess @ 1% i.e. on Rs. 16270.38					162.70			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				16433.08				
		Labour for	1	Cuts				1643.31				
		For Jointing C.I. Pipe 300mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	2.875	223.36	642.16				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1460.53				
		Sundries @ 3% i.e. on Rs. 1460.53						43.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 1504.35						323.44				
		Add Labour cess @ 1% i.e. on Rs. 1827.79						18.28				
		Labour for	10	Joints				1846.07				
		Labour for	1	Joints				184.61				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	82.40	1.2191	100.45				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1643.31	115.03				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	184.61	75.69				
		Labour For	1	m.				291.17	291.17			291.17
		Cost for	1	m.					5401.54			
		Add 10% for sub mountainous region										29.12
		Labour for	1	m.								320.29
		Cost for	1	m.								5430.66

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 350mm i/d pipe weight 103.8 Kg. per m. :-	100	m.						
		Or	103.80	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	5762.41	587765.82			
		Total - I					587765.82			
		Sundries @ 3% i.e. on Rs. 587765.82					17632.97			
		Add contractor's profit @ 10% i.e. on Rs. 605398.79					60539.88			
		Add Labour cess @ 1% i.e. on Rs. 665938.67					6659.39			
		Material cost for	100.00	m.			672598.06			
		Material cost for	1.00	m.			6725.98			6725.98
		For stringing out in trench 350mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	103.80	Qtl.			12654.23			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 350mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	4.250	223.36	949.28			
(ii)		Helper (Skilled worker - Upper)		Each	0.50	181.86	90.93			
(iii)		Pig lead		Kg.	91.00	148.00	13468.00			
(iv)		Spun yarn		Kg.	6.30	72.00	453.60			
		Total					14961.81			
		Sundries @ 3% i.e. on Rs. 14961.81					448.85			
		Add contractor's profit @ 21.50% i.e. on Rs. 15410.66					3313.29			
		Add Labour cess @ 1% i.e. on Rs. 18723.95					187.24			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				18911.19				
		Labour for	1	Cuts				1891.12				
		For Jointing C.I. Pipe 350mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	3.250	223.36	725.92				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
		Total						1635.22				
		Sundries @ 3% i.e. on Rs. 1635.22						49.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 1684.28						362.12				
		Add Labour cess @ 1% i.e. on Rs. 2046.4						20.46				
		Labour for	10	Joints				2066.86				
		Labour for	1	Joints				206.69				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	103.80	1.2191	126.54				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1891.12	132.38				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	206.69	84.74				
		Labour For	1	m.				343.66	343.66			343.66
		Cost for	1	m.					7069.64			
		Add 10% for sub mountainous region										34.37
		Labour for	1	m.								378.03
		Cost for	1	m.								7104.01

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 400mm i/d pipe weight 126.20 Kg. per m. :-	100	m.						
		Or	126.20	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	6857.50	699465.00			
		Total - I					699465.00			
		Sundries @ 3% i.e. on Rs. 699465					20983.95			
		Add contractor's profit @ 10% i.e. on Rs. 720448.95					72044.90			
		Add Labour cess @ 1% i.e. on Rs. 792493.85					7924.94			
		Material cost for	100.00	m.			800418.79			
		Material cost for	1.00	m.			8004.19			8004.19
		For stringing out in trench 400mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	126.20	Qtl.			15385.00			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 400mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.000	223.36	1116.80			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	103.00	148.00	15244.00			
(iv)		Spun yarn		Kg.	7.40	72.00	532.80			
		Total					17030.00			
		Sundries @ 3% i.e. on Rs. 17030					510.90			
		Add contractor's profit @ 21.50% i.e. on Rs. 17540.9					3771.29			
		Add Labour cess @ 1% i.e. on Rs. 21312.19					213.12			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				21525.31				
		Labour for	1	Cuts				2152.53				
		For Jointing C.I. Pipe 400mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.000	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
		Total						1802.74				
		Sundries @ 3% i.e. on Rs. 1802.74						54.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 1856.82						399.22				
		Add Labour cess @ 1% i.e. on Rs. 2256.04						22.56				
		Labour for	10	Joints				2278.60				
		Labour for	1	Joints				227.86				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	126.20	1.2191	153.85				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2152.53	150.68				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	227.86	93.42				
		Labour For	1	m.				397.95	397.95			397.95
		Cost for	1	m.					8402.14			
		Add 10% for sub mountainous region										39.80
		Labour for	1	m.								437.75
		Cost for	1	m.								8441.94

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 450mm i/d pipe weight 150.20 Kg. per m. :-	100	m.						
		Or	150.20	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	8123.50	828597.00			
		Total - I					828597.00			
		Sundries @ 3% i.e. on Rs. 828597					24857.91			
		Add contractor's profit @ 10% i.e. on Rs. 853454.91					85345.49			
		Add Labour cess @ 1% i.e. on Rs. 938800.4					9388.00			
		Material cost for	100.00	m.			948188.40			
		Material cost for	1.00	m.			9481.88			9481.88
		For stringing out in trench 450mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	150.20	Qtl.			18310.84			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 450mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.375	223.36	1200.56			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	144.00	148.00	21312.00			
(iv)		Spun yarn		Kg.	9.40	72.00	676.80			
		Total					23371.22			
		Sundries @ 3% i.e. on Rs. 23371.22					701.14			
		Add contractor's profit @ 21.50% i.e. on Rs. 24072.36					5175.56			
		Add Labour cess @ 1% i.e. on Rs. 29247.92					292.48			
		Labour for	10	Cuts			29540.40			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				2954.04				
		For Jointing C.I. Pipe 450mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)			Each	5.50	181.86	1000.23				
		Total						2005.35				
		Sundries @ 3% i.e. on Rs. 2005.35						60.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 2065.51						444.08				
		Add Labour cess @ 1% i.e. on Rs. 2509.59						25.10				
		Labour for	10	Joints				2534.69				
		Labour for	1	Joints				253.47				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	150.20	1.2191	183.11				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2954.04	206.78				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	253.47	103.92				
		Labour For	1	m.				493.81	493.81			493.81
		Cost for	1	m.					9975.69			
		Add 10% for sub mountainous region										49.38
		Labour for	1	m.								543.19
		Cost for	1	m.								10025.07

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 500mm i/d pipe weight 178.40 Kg. per m. :-	100	m.						
		Or	178.40	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	9783.02	997868.04			
		Total - I					997868.04			
		Sundries @ 3% i.e. on Rs. 997868.04					29936.04			
		Add contractor's profit @ 10% i.e. on Rs. 1027804.08					102780.41			
		Add Labour cess @ 1% i.e. on Rs. 1130584.49					11305.84			
		Material cost for	100.00	m.			1141890.33			
		Material cost for	1.00	m.			11418.90			11418.90
		For stringing out in trench 500mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	178.40	Qtl.			21748.69			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 500mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	6.500	223.36	1451.84			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	168.00	148.00	24864.00			
(iv)		Spun yarn		Kg.	10.20	72.00	734.40			
		Total					27232.10			
		Sundries @ 3% i.e. on Rs. 27232.1					816.96			
		Add contractor's profit @ 21.50% i.e. on Rs. 28049.06					6030.55			
		Add Labour cess @ 1% i.e. on Rs. 34079.61					340.80			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				34420.41				
		Labour for	1	Cuts				3442.04				
		For Jointing C.I. Pipe 500mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)			Each	6.50	181.86	1182.09				
		Total						2298.89				
		Sundries @ 3% i.e. on Rs. 2298.89						68.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 2367.86						509.09				
		Add Labour cess @ 1% i.e. on Rs. 2876.95						28.77				
		Labour for	10	Joints				2905.72				
		Labour for	1	Joints				290.57				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	178.40	1.2191	217.49				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	3442.04	240.94				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	290.57	119.13				
		Labour For	1	m.				577.56	577.56			577.56
		Cost for	1	m.					11996.46			
		Add 10% for sub mountainous region										57.76
		Labour for	1	m.								635.32
		Cost for	1	m.								12054.22

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 600mm i/d pipe weight 237.60 Kg. per m. :-	100	m.						
		Or	237.60	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	13036.64	1329737.28			
		Total - I					1329737.28			
		Sundries @ 3% i.e. on Rs. 1329737.28					39892.12			
		Add contractor's profit @ 10% i.e. on Rs. 1369629.4					136962.94			
		Add Labour cess @ 1% i.e. on Rs. 1506592.34					15065.92			
		Material cost for	100.00	m.			1521658.26			
		Material cost for	1.00	m.			15216.58			15216.58
		For stringing out in trench 600mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	237.60	Qtl.			28965.75			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 600mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	7.500	223.36	1675.20			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	209.00	148.00	30932.00			
(iv)		Spun yarn		Kg.	12.10	72.00	871.20			
		Total					33660.26			
		Sundries @ 3% i.e. on Rs. 33660.26					1009.81			
		Add contractor's profit @ 21.50% i.e. on Rs. 34670.07					7454.07			
		Add Labour cess @ 1% i.e. on Rs. 42124.14					421.24			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				42545.38				
		Labour for	1	Cuts				4254.54				
		For Jointing C.I. Pipe 600mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	7.000	223.36	1563.52				
(ii)		Helper (Skilled worker - Upper)			Each	7.50	181.86	1363.95				
		Total						2927.47				
		Sundries @ 3% i.e. on Rs. 2927.47						87.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 3015.29						648.29				
		Add Labour cess @ 1% i.e. on Rs. 3663.58						36.64				
		Labour for	10	Joints				3700.22				
		Labour for	1	Joints				370.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	237.60	1.2191	289.66				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4254.54	297.82				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	370.02	151.71				
		Labour For	1	m.				739.19	739.19			739.19
		Cost for	1	m.					15955.77			
		Add 10% for sub mountainous region										73.92
		Labour for	1	m.								813.11
		Cost for	1	m.								16029.69

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.9 B		Providing, Stringing out, cutting, Jointing and testing of D.I. Pipe as per IS 8329 and laying the same in trenches to correct alignment and gradients,jointed with rubber tyton joints fitted complete including all cartage.	New Item							
A		D.I. Pipe as per IS 8329 DI-K7								
a		80mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 80mm i/d pipe weight 15.8 Kg. per m. :-	100	m.						
		Or	15.80	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	769.00	78438.00			
		Total - I					78438.00			
		Sundries @ 3% i.e. on Rs. 78438					2353.14			
		Add contractor's profit @ 10% i.e. on Rs. 80791.14					8079.11			
		Add Labour cess @ 1% i.e. on Rs. 88870.25					888.70			
		Material cost for	100.00	m.			89758.95			
		Material cost for	1.00	m.			897.59	897.59		897.59
		For stringing out in trench 80mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36		
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86		
(iii)		Helper (Skilled worker - Lower)			Each	3.00	174.53	523.59		
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	15.80	Qtl.			521.76			
		Labour for	1	Qtl.			33.02			
		For cutting D.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)			Each	0.50	223.36	111.68		
(ii)		Helper (Skilled worker - Upper)			Each	0.50	181.86	90.93		
(iii)		Pig lead			Kg.	19.00	148.00	2812.00		
(iv)		Spun yarn			Kg.	1.10	72.00	79.20		

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		Total				3093.81				
		Sundries @ 3% i.e. on Rs. 3093.81				92.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 3186.62				685.12				
		Add Labour cess @ 1% i.e. on Rs. 3871.74				38.72				
		Labour for	10	Cuts		3910.46				
		Labour for	1	Cuts		391.05				
		For Jointing D.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-	10	Joints						
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74		
(ii)		Helper (Skilled worker - Upper)			Each	1.50	181.86	272.79		
		Total					570.53			
		Sundries @ 3% i.e. on Rs. 570.53				17.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 587.65				126.34				
		Add Labour cess @ 1% i.e. on Rs. 713.99				7.14				
		Labour for	10	Joints		721.13				
		Labour for	1	Joints		72.11				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.			Kg.	15.80	0.3302	5.22		
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	391.05	27.37		
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	72.11	29.57		
		Labour For	1	m.		62.16		62.16		62.16
		Cost for	1	m.				959.75		
		Add 10% for sub mountainous region								6.22
		Labour for	1	m.						68.38
		Cost for	1	m.						965.97

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 100mm i/d pipe weight 20 Kg. per m. :-	100	m.						
		Or	20.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	785.00	80070.00			
		Total - I					80070.00			
		Sundries @ 3% i.e. on Rs. 80070					2402.10			
		Add contractor's profit @ 10% i.e. on Rs. 82472.1					8247.21			
		Add Labour cess @ 1% i.e. on Rs. 90719.31					907.19			
		Material cost for	100.00	m.			91626.50			
		Material cost for	1.00	m.			916.27		916.27	
		For stringing out in trench 100mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	20.00	Qtl.			660.46			
		Labour for	1	Qtl.			33.02			
		For cutting D.I. Pipe 100mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	0.75	223.36	167.52			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	24.00	148.00	3552.00			
(iv)		Spun yarn		Kg.	1.70	72.00	122.40			
		Total					3978.32			
		Sundries @ 3% i.e. on Rs. 3978.32					119.35			
		Add contractor's profit @ 21.50% i.e. on Rs. 4097.67					881.00			
		Add Labour cess @ 1% i.e. on Rs. 4978.67					49.79			
		Labour for	10	Cuts			5028.46			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				502.85				
		For Jointing D.I. Pipe 100mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	2.50	181.86	454.65				
		Total						752.39				
		Sundries @ 3% i.e. on Rs. 752.39						22.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 774.96						166.62				
		Add Labour cess @ 1% i.e. on Rs. 941.58						9.42				
		Labour for	10	Joints				951.00				
		Labour for	1	Joints				95.10				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	20.00	0.3302	6.60				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	502.85	35.20				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	95.10	38.99				
		Labour For	1	m.				80.79	80.79			80.79
		Cost for	1	m.					997.06			
		Add 10% for sub mountainous region										8.08
		Labour for	1	m.								88.87
		Cost for	1	m.								1005.14

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete		Deleted as this size is not in use						
		Unit :-	1	m.						
		Taking Output of 125mm i/d pipe weight 26.0 Kg. per m. :-	100	m.						
		Or	26.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	0.00	0.00			
		Total - I				0.00				
		Sundries @ 3% i.e. on Rs. 0				0.00				
		Add contractor's profit @ 10% i.e. on Rs. 0				0.00				
		Add Labour cess @ 1% i.e. on Rs. 0				0.00				
		Material cost for	100.00	m.		0.00				
		Material cost for	1.00	m.		0.00	0.00			0.00
		For stringing out in trench 125mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	26.00	Qtl.		858.60				
		Labour for	1	Qtl.		33.02				
		For cutting D.I. Pipe 125mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	29.00	148.00	4292.00			
(iv)		Spun yarn		Kg.	2.00	72.00	144.00			
		Total				4795.76				
		Sundries @ 3% i.e. on Rs. 4795.76				143.87				
		Add contractor's profit @ 21.50% i.e. on Rs. 4939.63				1062.02				
		Add Labour cess @ 1% i.e. on Rs. 6001.65				60.02				
		Labour for	10	Cuts		6061.67				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				606.17				
		For Jointing D.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
		Total						880.62				
		Sundries @ 3% i.e. on Rs. 880.62						26.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 907.04						195.01				
		Add Labour cess @ 1% i.e. on Rs. 1102.05						11.02				
		Labour for	10	Joints				1113.07				
		Labour for	1	Joints				111.31				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	26.00	0.3302	8.59				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	606.17	42.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	111.31	45.64				
		Labour For	1	m.				96.66	96.66			96.66
		Cost for	1	m.					96.66			
		Add 10% for sub mountainous region										9.67
		Labour for	1	m.								106.33
		Cost for	1	m.								106.33

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 150mm i/d pipe weight 32.40 Kg. per m. :-		100 m.						
		Or		32.40 Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	1126.00	114852.00				
		Total - I				114852.00				
		Sundries @ 3% i.e. on Rs. 114852				3445.56				
		Add contractor's profit @ 10% i.e. on Rs. 118297.56				11829.76				
		Add Labour cess @ 1% i.e. on Rs. 130127.32				1301.27				
		Material cost for		100.00 m.		131428.59				
		Material cost for		1.00 m.		1314.29	1314.29			1314.29
		For stringing out in trench 150mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for		35.55 Qtl.		1173.97				
		Labour for		32.40 Qtl.		1069.95				
		Labour for		1 Qtl.		33.02				
		For cutting D.I. Pipe 150mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.125	223.36	251.28				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Pig lead	Kg.	36.00	148.00	5328.00				
(iv)		Spun yarn	Kg.	2.30	72.00	165.60				
		Total				5926.74				
		Sundries @ 3% i.e. on Rs. 5926.74				177.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 6104.54				1312.48				
		Add Labour cess @ 1% i.e. on Rs. 7417.02				74.17				
		Labour for		10 Cuts		7491.19				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				749.12				
		For Jointing D.I. Pipe 150mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
		Total						880.62				
		Sundries @ 3% i.e. on Rs. 880.62						26.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 907.04						195.01				
		Add Labour cess @ 1% i.e. on Rs. 1102.05						11.02				
		Labour for	10	Joints				1113.07				
		Labour for	1	Joints				111.31				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	32.40	0.3302	10.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	749.12	52.44				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	111.31	45.64				
		Labour For	1	m.				108.78	108.78			108.78
		Cost for	1	m.					1423.07			
		Add 10% for sub mountainous region										10.88
		Labour for	1	m.								119.66
		Cost for	1	m.								1433.95

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 200mm i/d pipe weight 47.40 Kg. per m. :-	100	m.						
		Or	47.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1387.00	141474.00			
		Total - I					141474.00			
		Sundries @ 3% i.e. on Rs. 141474					4244.22			
		Add contractor's profit @ 10% i.e. on Rs. 145718.22					14571.82			
		Add Labour cess @ 1% i.e. on Rs. 160290.04					1602.90			
		Material cost for	100.00	m.			161892.94			
		Material cost for	1.00	m.			1618.93		1618.93	1618.93
		For stringing out in trench 200mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	47.40	Qtl.			1565.29			
		Labour for	1	Qtl.			33.02			
		For cutting D.I. Pipe 200mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	49.00	148.00	7252.00			
(iv)		Spun yarn		Kg.	2.90	72.00	208.80			
		Total					7977.70			
		Sundries @ 3% i.e. on Rs. 7977.7					239.33			
		Add contractor's profit @ 21.50% i.e. on Rs. 8217.03					1766.66			
		Add Labour cess @ 1% i.e. on Rs. 9983.69					99.84			
		Labour for	10	Cuts			10083.53			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1008.35				
		For Jointing D.I. Pipe 200mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1209.25				
		Sundries @ 3% i.e. on Rs. 1209.25						36.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 1245.53						267.79				
		Add Labour cess @ 1% i.e. on Rs. 1513.32						15.13				
		Labour for	10	Joints				1528.45				
		Labour for	1	Joints				152.85				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	47.40	0.3302	15.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1008.35	70.58				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	152.85	62.67				
		Labour For	1	m.				148.90	148.90			148.90
		Cost for	1	m.					1767.83			
		Add 10% for sub mountainous region										14.89
		Labour for	1	m.								163.79
		Cost for	1	m.								1782.72

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 250mm i/d pipe weight 63.8 Kg. per m. :-		100 m.						
		Or		63.80 Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	1789.00	182478.00				
		Total - I				182478.00				
		Sundries @ 3% i.e. on Rs. 182478				5474.34				
		Add contractor's profit @ 10% i.e. on Rs. 187952.34				18795.23				
		Add Labour cess @ 1% i.e. on Rs. 206747.57				2067.48				
		Material cost for		100.00 m.		208815.05				
		Material cost for		1.00 m.		2088.15	2088.15			2088.15
		For stringing out in trench 250mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for		35.55 Qtl.		1173.97				
		Labour for		63.80 Qtl.		2106.87				
		Labour for		1 Qtl.		33.02				
		For cutting D.I. Pipe 250mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Pig lead	Kg.	68.00	148.00	10064.00				
(iv)		Spun yarn	Kg.	3.40	72.00	244.80				
		Total				11049.06				
		Sundries @ 3% i.e. on Rs. 11049.06				331.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 11380.53				2446.81				
		Add Labour cess @ 1% i.e. on Rs. 13827.34				138.27				
		Labour for		10 Cuts		13965.61				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1396.56				
		For Jointing D.I. Pipe 250mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1376.77				
		Sundries @ 3% i.e. on Rs. 1376.77						41.30				
		Add contractor's profit @ 21.50% i.e. on Rs. 1418.07						304.89				
		Add Labour cess @ 1% i.e. on Rs. 1722.96						17.23				
		Labour for	10	Joints				1740.19				
		Labour for	1	Joints				174.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	63.80	0.3302	21.07				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1396.56	97.76				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	174.02	71.35				
		Labour For	1	m.				190.18	190.18			190.18
		Cost for	1	m.					2278.33			
		Add 10% for sub mountainous region										19.02
		Labour for	1	m.								209.20
		Cost for	1	m.								2297.35

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 300mm i/d pipe weight 82.4 Kg. per m. :-	100	m.						
		Or	82.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2265.00	231030.00			
		Total - I					231030.00			
		Sundries @ 3% i.e. on Rs. 231030					6930.90			
		Add contractor's profit @ 10% i.e. on Rs. 237960.9					23796.09			
		Add Labour cess @ 1% i.e. on Rs. 261756.99					2617.57			
		Material cost for	100.00	m.			264374.56			
		Material cost for	1.00	m.			2643.75		2643.75	2643.75
		For stringing out in trench 300mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	82.40	Qtl.			10045.36			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 300mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	3.500	223.36	781.76			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	79.00	148.00	11692.00			
(iv)		Spun yarn		Kg.	4.80	72.00	345.60			
		Total					13001.22			
		Sundries @ 3% i.e. on Rs. 13001.22					390.04			
		Add contractor's profit @ 21.50% i.e. on Rs. 13391.26					2879.12			
		Add Labour cess @ 1% i.e. on Rs. 16270.38					162.70			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				16433.08				
		Labour for	1	Cuts				1643.31				
		For Jointing D.I. Pipe 300mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	2.875	223.36	642.16				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1460.53				
		Sundries @ 3% i.e. on Rs. 1460.53						43.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 1504.35						323.44				
		Add Labour cess @ 1% i.e. on Rs. 1827.79						18.28				
		Labour for	10	Joints				1846.07				
		Labour for	1	Joints				184.61				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	82.40	1.2191	100.45				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1643.31	115.03				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	184.61	75.69				
		Labour For	1	m.				291.17	291.17			291.17
		Cost for	1	m.					2934.92			
		Add 10% for sub mountainous region										29.12
		Labour for	1	m.								320.29
		Cost for	1	m.								2964.04

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 350mm i/d pipe weight 103.8 Kg. per m. :-	100	m.						
		Or	103.80	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2853.00	291006.00			
		Total - I					291006.00			
		Sundries @ 3% i.e. on Rs. 291006					8730.18			
		Add contractor's profit @ 10% i.e. on Rs. 299736.18					29973.62			
		Add Labour cess @ 1% i.e. on Rs. 329709.8					3297.10			
		Material cost for	100.00	m.			333006.90			
		Material cost for	1.00	m.			3330.07	3330.07		3330.07
		For stringing out in trench 350mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	103.80	Qtl.			12654.23			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 350mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	4.250	223.36	949.28			
(ii)		Helper (Skilled worker - Upper)		Each	0.50	181.86	90.93			
(iii)		Pig lead		Kg.	91.00	148.00	13468.00			
(iv)		Spun yarn		Kg.	6.30	72.00	453.60			
		Total					14961.81			
		Sundries @ 3% i.e. on Rs. 14961.81					448.85			
		Add contractor's profit @ 21.50% i.e. on Rs. 15410.66					3313.29			
		Add Labour cess @ 1% i.e. on Rs. 18723.95					187.24			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				18911.19				
		Labour for	1	Cuts				1891.12				
		For Jointing D.I. Pipe 350mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	3.250	223.36	725.92				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
		Total						1635.22				
		Sundries @ 3% i.e. on Rs. 1635.22						49.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 1684.28						362.12				
		Add Labour cess @ 1% i.e. on Rs. 2046.4						20.46				
		Labour for	10	Joints				2066.86				
		Labour for	1	Joints				206.69				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	103.80	1.2191	126.54				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1891.12	132.38				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	206.69	84.74				
		Labour For	1	m.				343.66	343.66			343.66
		Cost for	1	m.					3673.73			
		Add 10% for sub mountainous region										34.37
		Labour for	1	m.								378.03
		Cost for	1	m.								3708.10

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 400mm i/d pipe weight 126.20 Kg. per m. :-		100 m.						
		Or		126.20 Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	3392.00	345984.00				
		Total - I				345984.00				
		Sundries @ 3% i.e. on Rs. 345984				10379.52				
		Add contractor's profit @ 10% i.e. on Rs. 356363.52				35636.35				
		Add Labour cess @ 1% i.e. on Rs. 391999.87				3920.00				
		Material cost for		100.00 m.		395919.87				
		Material cost for		1.00 m.		3959.20	3959.20			3959.20
		For stringing out in trench 400mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
(iv)		Provision for crane of 35 Tonne	Each	0.500	5000.00	2500.00				
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for		35.55 Qtl.		4333.89				
		Labour for		126.20 Qtl.		15385.00				
		Labour for		1 Qtl.		121.91				
		For cutting D.I. Pipe 400mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)	Each	0.75	181.86	136.40				
(iii)		Pig lead	Kg.	103.00	148.00	15244.00				
(iv)		Spun yarn	Kg.	7.40	72.00	532.80				
		Total				17030.00				
		Sundries @ 3% i.e. on Rs. 17030				510.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 17540.9				3771.29				
		Add Labour cess @ 1% i.e. on Rs. 21312.19				213.12				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				21525.31				
		Labour for	1	Cuts				2152.53				
		For Jointing D.I. Pipe 400mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.000	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
		Total						1802.74				
		Sundries @ 3% i.e. on Rs. 1802.74						54.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 1856.82						399.22				
		Add Labour cess @ 1% i.e. on Rs. 2256.04						22.56				
		Labour for	10	Joints				2278.60				
		Labour for	1	Joints				227.86				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	126.20	1.2191	153.85				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2152.53	150.68				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	227.86	93.42				
		Labour For	1	m.				397.95	397.95			397.95
		Cost for	1	m.					4357.15			
		Add 10% for sub mountainous region										39.80
		Labour for	1	m.								437.75
		Cost for	1	m.								4396.95

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 450mm i/d pipe weight 150.20 Kg. per m. :-	100	m.						
		Or	150.20	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4024.00	410448.00			
		Total - I					410448.00			
		Sundries @ 3% i.e. on Rs. 410448					12313.44			
		Add contractor's profit @ 10% i.e. on Rs. 422761.44					42276.14			
		Add Labour cess @ 1% i.e. on Rs. 465037.58					4650.38			
		Material cost for	100.00	m.			469687.96			
		Material cost for	1.00	m.			4696.88		4696.88	4696.88
		For stringing out in trench 450mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	150.20	Qtl.			18310.84			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 450mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.375	223.36	1200.56			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	144.00	148.00	21312.00			
(iv)		Spun yarn		Kg.	9.40	72.00	676.80			
		Total					23371.22			
		Sundries @ 3% i.e. on Rs. 23371.22					701.14			
		Add contractor's profit @ 21.50% i.e. on Rs. 24072.36					5175.56			
		Add Labour cess @ 1% i.e. on Rs. 29247.92					292.48			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				29540.40				
		Labour for	1	Cuts				2954.04				
		For Jointing D.I. Pipe 450mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)			Each	5.50	181.86	1000.23				
		Total						2005.35				
		Sundries @ 3% i.e. on Rs. 2005.35						60.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 2065.51						444.08				
		Add Labour cess @ 1% i.e. on Rs. 2509.59						25.10				
		Labour for	10	Joints				2534.69				
		Labour for	1	Joints				253.47				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	150.20	1.2191	183.11				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2954.04	206.78				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	253.47	103.92				
		Labour For	1	m.				493.81	493.81			493.81
		Cost for	1	m.					5190.69			
		Add 10% for sub mountainous region										49.38
		Labour for	1	m.								543.19
		Cost for	1	m.								5240.07

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 500mm i/d pipe weight 178.40 Kg. per m. :-	100	m.						
		Or	178.40	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4716.00	481032.00			
		Total - I				481032.00				
		Sundries @ 3% i.e. on Rs. 481032				14430.96				
		Add contractor's profit @ 10% i.e. on Rs. 495462.96				49546.30				
		Add Labour cess @ 1% i.e. on Rs. 545009.26				5450.09				
		Material cost for	100.00	m.		550459.35				
		Material cost for	1.00	m.		5504.59	5504.59			5504.59
		For stringing out in trench 500mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for	35.55	Qtl.		4333.89				
		Labour for	178.40	Qtl.		21748.69				
		Labour for	1	Qtl.		121.91				
		For cutting D.I. Pipe 500mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	6.500	223.36	1451.84			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	168.00	148.00	24864.00			
(iv)		Spun yarn		Kg.	10.20	72.00	734.40			
		Total				27232.10				
		Sundries @ 3% i.e. on Rs. 27232.1				816.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 28049.06				6030.55				
		Add Labour cess @ 1% i.e. on Rs. 34079.61				340.80				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				34420.41				
		Labour for	1	Cuts				3442.04				
		For Jointing D.I. Pipe 500mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)			Each	6.50	181.86	1182.09				
		Total						2298.89				
		Sundries @ 3% i.e. on Rs. 2298.89						68.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 2367.86						509.09				
		Add Labour cess @ 1% i.e. on Rs. 2876.95						28.77				
		Labour for	10	Joints				2905.72				
		Labour for	1	Joints				290.57				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	178.40	1.2191	217.49				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	3442.04	240.94				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	290.57	119.13				
		Labour For	1	m.				577.56	577.56			577.56
		Cost for	1	m.					6082.15			
		Add 10% for sub mountainous region										57.76
		Labour for	1	m.								635.32
		Cost for	1	m.								6139.91

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 600mm i/d pipe weight 237.60 Kg. per m. :-	100	m.						
		Or	237.60	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	6210.00	633420.00			
		Total - I					633420.00			
		Sundries @ 3% i.e. on Rs. 633420					19002.60			
		Add contractor's profit @ 10% i.e. on Rs. 652422.6					65242.26			
		Add Labour cess @ 1% i.e. on Rs. 717664.86					7176.65			
		Material cost for	100.00	m.			724841.51			
		Material cost for	1.00	m.			7248.42		7248.42	7248.42
		For stringing out in trench 600mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	237.60	Qtl.			28965.75			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 600mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	7.500	223.36	1675.20			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	209.00	148.00	30932.00			
(iv)		Spun yarn		Kg.	12.10	72.00	871.20			
		Total					33660.26			
		Sundries @ 3% i.e. on Rs. 33660.26					1009.81			
		Add contractor's profit @ 21.50% i.e. on Rs. 34670.07					7454.07			
		Add Labour cess @ 1% i.e. on Rs. 42124.14					421.24			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				42545.38				
		Labour for	1	Cuts				4254.54				
		For Jointing D.I. Pipe 600mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	7.000	223.36	1563.52				
(ii)		Helper (Skilled worker - Upper)			Each	7.50	181.86	1363.95				
		Total						2927.47				
		Sundries @ 3% i.e. on Rs. 2927.47						87.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 3015.29						648.29				
		Add Labour cess @ 1% i.e. on Rs. 3663.58						36.64				
		Labour for	10	Joints				3700.22				
		Labour for	1	Joints				370.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	237.60	1.2191	289.66				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4254.54	297.82				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	370.02	151.71				
		Labour For	1	m.				739.19	739.19			739.19
		Cost for	1	m.					7987.61			
		Add 10% for sub mountainous region										73.92
		Labour for	1	m.								813.11
		Cost for	1	m.								8061.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
B		D.I. Pipe as per IS 8329 DI-K9								
a		80mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 80mm i/d pipe weight 15.8 Kg. per m. :-		100 m.						
		Or		15.80 Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	866.00	88332.00				
		Total - I				88332.00				
		Sundries @ 3% i.e. on Rs. 88332				2649.96				
		Add contractor's profit @ 10% i.e. on Rs. 90981.96				9098.20				
		Add Labour cess @ 1% i.e. on Rs. 100080.16				1000.80				
		Material cost for		100.00 m.		101080.96				
		Material cost for		1.00 m.		1010.81	1010.81			1010.81
		For stringing out in trench 80mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for		35.55 Qtl.		1173.97				
		Labour for		15.80 Qtl.		521.76				
		Labour for		1 Qtl.		33.02				
		For cutting D.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	0.50	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.50	181.86	90.93				
(iii)		Pig lead	Kg.	19.00	148.00	2812.00				
(iv)		Spun yarn	Kg.	1.10	72.00	79.20				
		Total				3093.81				
		Sundries @ 3% i.e. on Rs. 3093.81				92.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 3186.62				685.12				
		Add Labour cess @ 1% i.e. on Rs. 3871.74				38.72				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				3910.46				
		Labour for	1	Cuts				391.05				
		For Jointing D.I. Pipe 80mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	1.50	181.86	272.79				
		Total						570.53				
		Sundries @ 3% i.e. on Rs. 570.53						17.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 587.65						126.34				
		Add Labour cess @ 1% i.e. on Rs. 713.99						7.14				
		Labour for	10	Joints				721.13				
		Labour for	1	Joints				72.11				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	15.80	0.3302	5.22				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	391.05	27.37				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	72.11	29.57				
		Labour For	1	m.				62.16	62.16			62.16
		Cost for	1	m.					1072.97			
		Add 10% for sub mountainous region										6.22
		Labour for	1	m.								68.38
		Cost for	1	m.								1079.19

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 100mm i/d pipe weight 20 Kg. per m. :-	100	m.						
		Or	20.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	884.00	90168.00			
		Total - I					90168.00			
		Sundries @ 3% i.e. on Rs. 90168					2705.04			
		Add contractor's profit @ 10% i.e. on Rs. 92873.04					9287.30			
		Add Labour cess @ 1% i.e. on Rs. 102160.34					1021.60			
		Material cost for	100.00	m.			103181.94			
		Material cost for	1.00	m.			1031.82	1031.82		1031.82
		For stringing out in trench 100mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	20.00	Qtl.			660.46			
		Labour for	1	Qtl.			33.02			
		For cutting D.I. Pipe 100mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	0.75	223.36	167.52			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	24.00	148.00	3552.00			
(iv)		Spun yarn		Kg.	1.70	72.00	122.40			
		Total					3978.32			
		Sundries @ 3% i.e. on Rs. 3978.32					119.35			
		Add contractor's profit @ 21.50% i.e. on Rs. 4097.67					881.00			
		Add Labour cess @ 1% i.e. on Rs. 4978.67					49.79			
		Labour for	10	Cuts			5028.46			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				502.85				
		For Jointing D.I. Pipe 100mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	2.50	181.86	454.65				
		Total						752.39				
		Sundries @ 3% i.e. on Rs. 752.39						22.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 774.96						166.62				
		Add Labour cess @ 1% i.e. on Rs. 941.58						9.42				
		Labour for	10	Joints				951.00				
		Labour for	1	Joints				95.10				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	20.00	0.3302	6.60				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	502.85	35.20				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	95.10	38.99				
		Labour For	1	m.				80.79	80.79			80.79
		Cost for	1	m.					1112.61			
		Add 10% for sub mountainous region										8.08
		Labour for	1	m.								88.87
		Cost for	1	m.								1120.69

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete			Deleted as this size is not in use nowadays					
		Unit :-	1	m.						
		Taking Output of 125mm i/d pipe weight 26.0 Kg. per m. :-	100	m.						
		Or	26.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	0.00	0.00			
		Total - I				0.00				
		Sundries @ 3% i.e. on Rs. 0				0.00				
		Add contractor's profit @ 10% i.e. on Rs. 0				0.00				
		Add Labour cess @ 1% i.e. on Rs. 0				0.00				
		Material cost for	100.00	m.		0.00				
		Material cost for	1.00	m.		0.00	0.00			0.00
		For stringing out in trench 125mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	26.00	Qtl.			858.60			
		Labour for	1	Qtl.			33.02			
		For cutting D.I. Pipe 125mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	29.00	148.00	4292.00			
(iv)		Spun yarn		Kg.	2.00	72.00	144.00			
		Total					4795.76			
		Sundries @ 3% i.e. on Rs. 4795.76					143.87			
		Add contractor's profit @ 21.50% i.e. on Rs. 4939.63					1062.02			
		Add Labour cess @ 1% i.e. on Rs. 6001.65					60.02			
		Labour for	10	Cuts			6061.67			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				606.17				
		For Jointing D.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
		Total						880.62				
		Sundries @ 3% i.e. on Rs. 880.62						26.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 907.04						195.01				
		Add Labour cess @ 1% i.e. on Rs. 1102.05						11.02				
		Labour for	10	Joints				1113.07				
		Labour for	1	Joints				111.31				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	26.00	0.3302	8.59				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	606.17	42.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	111.31	45.64				
		Labour For	1	m.				96.66	96.66			96.66
		Cost for	1	m.					96.66			
		Add 10% for sub mountainous region										9.67
		Labour for	1	m.								106.33
		Cost for	1	m.								106.33

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 150mm i/d pipe weight 32.40 Kg. per m. :-	100	m.						
		Or	32.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1253.00	127806.00			
		Total - I					127806.00			
		Sundries @ 3% i.e. on Rs. 127806					3834.18			
		Add contractor's profit @ 10% i.e. on Rs. 131640.18					13164.02			
		Add Labour cess @ 1% i.e. on Rs. 144804.2					1448.04			
		Material cost for	100.00	m.			146252.24			
		Material cost for	1.00	m.			1462.52		1462.52	1462.52
		For stringing out in trench 150mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	32.40	Qtl.			1069.95			
		Labour for	1	Qtl.			33.02			
		For cutting D.I. Pipe 150mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.125	223.36	251.28			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	36.00	148.00	5328.00			
(iv)		Spun yarn		Kg.	2.30	72.00	165.60			
		Total					5926.74			
		Sundries @ 3% i.e. on Rs. 5926.74					177.80			
		Add contractor's profit @ 21.50% i.e. on Rs. 6104.54					1312.48			
		Add Labour cess @ 1% i.e. on Rs. 7417.02					74.17			
		Labour for	10	Cuts			7491.19			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				749.12				
		For Jointing D.I. Pipe 150mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
		Total						880.62				
		Sundries @ 3% i.e. on Rs. 880.62						26.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 907.04						195.01				
		Add Labour cess @ 1% i.e. on Rs. 1102.05						11.02				
		Labour for	10	Joints				1113.07				
		Labour for	1	Joints				111.31				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	32.40	0.3302	10.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	749.12	52.44				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	111.31	45.64				
		Labour For	1	m.				108.78	108.78			108.78
		Cost for	1	m.					1571.30			
		Add 10% for sub mountainous region										10.88
		Labour for	1	m.								119.66
		Cost for	1	m.								1582.18

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 200mm i/d pipe weight 47.40 Kg. per m. :-	100	m.						
		Or	47.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1568.00	159936.00			
		Total - I				159936.00				
		Sundries @ 3% i.e. on Rs. 159936				4798.08				
		Add contractor's profit @ 10% i.e. on Rs. 164734.08				16473.41				
		Add Labour cess @ 1% i.e. on Rs. 181207.49				1812.07				
		Material cost for	100.00	m.		183019.56				
		Material cost for	1.00	m.		1830.20	1830.20			1830.20
		For stringing out in trench 200mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	47.40	Qtl.		1565.29				
		Labour for	1	Qtl.		33.02				
		For cutting D.I. Pipe 200mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	49.00	148.00	7252.00			
(iv)		Spun yarn		Kg.	2.90	72.00	208.80			
		Total				7977.70				
		Sundries @ 3% i.e. on Rs. 7977.7				239.33				
		Add contractor's profit @ 21.50% i.e. on Rs. 8217.03				1766.66				
		Add Labour cess @ 1% i.e. on Rs. 9983.69				99.84				
		Labour for	10	Cuts		10083.53				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1008.35				
		For Jointing D.I. Pipe 200mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1209.25				
		Sundries @ 3% i.e. on Rs. 1209.25						36.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 1245.53						267.79				
		Add Labour cess @ 1% i.e. on Rs. 1513.32						15.13				
		Labour for	10	Joints				1528.45				
		Labour for	1	Joints				152.85				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	47.40	0.3302	15.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1008.35	70.58				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	152.85	62.67				
		Labour For	1	m.				148.90	148.90			148.90
		Cost for	1	m.					1979.10			
		Add 10% for sub mountainous region										14.89
		Labour for	1	m.								163.79
		Cost for	1	m.								1993.99

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 250mm i/d pipe weight 63.8 Kg. per m. :-		100 m.						
		Or		63.80 Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	2107.00	214914.00				
		Total - I				214914.00				
		Sundries @ 3% i.e. on Rs. 214914				6447.42				
		Add contractor's profit @ 10% i.e. on Rs. 221361.42				22136.14				
		Add Labour cess @ 1% i.e. on Rs. 243497.56				2434.98				
		Material cost for		100.00 m.		245932.54				
		Material cost for		1.00 m.		2459.33	2459.33			2459.33
		For stringing out in trench 250mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for		35.55 Qtl.		1173.97				
		Labour for		63.80 Qtl.		2106.87				
		Labour for		1 Qtl.		33.02				
		For cutting D.I. Pipe 250mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Pig lead	Kg.	68.00	148.00	10064.00				
(iv)		Spun yarn	Kg.	3.40	72.00	244.80				
		Total				11049.06				
		Sundries @ 3% i.e. on Rs. 11049.06				331.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 11380.53				2446.81				
		Add Labour cess @ 1% i.e. on Rs. 13827.34				138.27				
		Labour for		10 Cuts		13965.61				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1396.56				
		For Jointing D.I. Pipe 250mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1376.77				
		Sundries @ 3% i.e. on Rs. 1376.77						41.30				
		Add contractor's profit @ 21.50% i.e. on Rs. 1418.07						304.89				
		Add Labour cess @ 1% i.e. on Rs. 1722.96						17.23				
		Labour for	10	Joints				1740.19				
		Labour for	1	Joints				174.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	63.80	0.3302	21.07				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1396.56	97.76				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	174.02	71.35				
		Labour For	1	m.				190.18	190.18			190.18
		Cost for	1	m.					2649.51			
		Add 10% for sub mountainous region										19.02
		Labour for	1	m.								209.20
		Cost for	1	m.								2668.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 300mm i/d pipe weight 82.4 Kg. per m. :-	100	m.						
		Or	82.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2658.00	271116.00			
		Total - I					271116.00			
		Sundries @ 3% i.e. on Rs. 271116					8133.48			
		Add contractor's profit @ 10% i.e. on Rs. 279249.48					27924.95			
		Add Labour cess @ 1% i.e. on Rs. 307174.43					3071.74			
		Material cost for	100.00	m.			310246.17			
		Material cost for	1.00	m.			3102.46	3102.46		3102.46
		For stringing out in trench 300mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	82.40	Qtl.			10045.36			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 300mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	3.500	223.36	781.76			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	79.00	148.00	11692.00			
(iv)		Spun yarn		Kg.	4.80	72.00	345.60			
		Total					13001.22			
		Sundries @ 3% i.e. on Rs. 13001.22					390.04			
		Add contractor's profit @ 21.50% i.e. on Rs. 13391.26					2879.12			
		Add Labour cess @ 1% i.e. on Rs. 16270.38					162.70			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				16433.08				
		Labour for	1	Cuts				1643.31				
		For Jointing D.I. Pipe 300mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	2.875	223.36	642.16				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
		Total						1460.53				
		Sundries @ 3% i.e. on Rs. 1460.53						43.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 1504.35						323.44				
		Add Labour cess @ 1% i.e. on Rs. 1827.79						18.28				
		Labour for	10	Joints				1846.07				
		Labour for	1	Joints				184.61				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	82.40	1.2191	100.45				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1643.31	115.03				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	184.61	75.69				
		Labour For	1	m.				291.17	291.17			291.17
		Cost for	1	m.					3393.63			
		Add 10% for sub mountainous region										29.12
		Labour for	1	m.								320.29
		Cost for	1	m.								3422.75

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 350mm i/d pipe weight 103.8 Kg. per m. :-	100	m.						
		Or	103.80	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	3317.00	338334.00			
		Total - I					338334.00			
		Sundries @ 3% i.e. on Rs. 338334					10150.02			
		Add contractor's profit @ 10% i.e. on Rs. 348484.02					34848.40			
		Add Labour cess @ 1% i.e. on Rs. 383332.42					3833.32			
		Material cost for	100.00	m.			387165.74			
		Material cost for	1.00	m.			3871.66		3871.66	3871.66
		For stringing out in trench 350mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	103.80	Qtl.			12654.23			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 350mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	4.250	223.36	949.28			
(ii)		Helper (Skilled worker - Upper)		Each	0.50	181.86	90.93			
(iii)		Pig lead		Kg.	91.00	148.00	13468.00			
(iv)		Spun yarn		Kg.	6.30	72.00	453.60			
		Total					14961.81			
		Sundries @ 3% i.e. on Rs. 14961.81					448.85			
		Add contractor's profit @ 21.50% i.e. on Rs. 15410.66					3313.29			
		Add Labour cess @ 1% i.e. on Rs. 18723.95					187.24			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				18911.19				
		Labour for	1	Cuts				1891.12				
		For Jointing D.I. Pipe 350mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	3.250	223.36	725.92				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
		Total						1635.22				
		Sundries @ 3% i.e. on Rs. 1635.22						49.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 1684.28						362.12				
		Add Labour cess @ 1% i.e. on Rs. 2046.4						20.46				
		Labour for	10	Joints				2066.86				
		Labour for	1	Joints				206.69				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	103.80	1.2191	126.54				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1891.12	132.38				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	206.69	84.74				
		Labour For	1	m.				343.66	343.66			343.66
		Cost for	1	m.					4215.32			
		Add 10% for sub mountainous region										34.37
		Labour for	1	m.								378.03
		Cost for	1	m.								4249.69

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 400mm i/d pipe weight 126.20 Kg. per m. :-	100	m.						
		Or	126.20	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4019.00	409938.00			
		Total - I				409938.00				
		Sundries @ 3% i.e. on Rs. 409938				12298.14				
		Add contractor's profit @ 10% i.e. on Rs. 422236.14				42223.61				
		Add Labour cess @ 1% i.e. on Rs. 464459.75				4644.60				
		Material cost for	100.00	m.		469104.35				
		Material cost for	1.00	m.		4691.04	4691.04			4691.04
		For stringing out in trench 400mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for	35.55	Qtl.		4333.89				
		Labour for	126.20	Qtl.		15385.00				
		Labour for	1	Qtl.		121.91				
		For cutting D.I. Pipe 400mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.000	223.36	1116.80			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Pig lead		Kg.	103.00	148.00	15244.00			
(iv)		Spun yarn		Kg.	7.40	72.00	532.80			
		Total				17030.00				
		Sundries @ 3% i.e. on Rs. 17030				510.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 17540.9				3771.29				
		Add Labour cess @ 1% i.e. on Rs. 21312.19				213.12				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				21525.31				
		Labour for	1	Cuts				2152.53				
		For Jointing D.I. Pipe 400mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.000	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
		Total						1802.74				
		Sundries @ 3% i.e. on Rs. 1802.74						54.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 1856.82						399.22				
		Add Labour cess @ 1% i.e. on Rs. 2256.04						22.56				
		Labour for	10	Joints				2278.60				
		Labour for	1	Joints				227.86				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	126.20	1.2191	153.85				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2152.53	150.68				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	227.86	93.42				
		Labour For	1	m.				397.95	397.95			397.95
		Cost for	1	m.					5088.99			
		Add 10% for sub mountainous region										39.80
		Labour for	1	m.								437.75
		Cost for	1	m.								5128.79

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 450mm i/d pipe weight 150.20 Kg. per m. :-	100	m.						
		Or	150.20	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4752.00	484704.00			
		Total - I					484704.00			
		Sundries @ 3% i.e. on Rs. 484704					14541.12			
		Add contractor's profit @ 10% i.e. on Rs. 499245.12					49924.51			
		Add Labour cess @ 1% i.e. on Rs. 549169.63					5491.70			
		Material cost for	100.00	m.			554661.33			
		Material cost for	1.00	m.			5546.61		5546.61	5546.61
		For stringing out in trench 450mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	150.20	Qtl.			18310.84			
		Labour for	1	Qtl.			121.91			
		For cutting D.I. Pipe 450mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.375	223.36	1200.56			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	144.00	148.00	21312.00			
(iv)		Spun yarn		Kg.	9.40	72.00	676.80			
		Total					23371.22			
		Sundries @ 3% i.e. on Rs. 23371.22					701.14			
		Add contractor's profit @ 21.50% i.e. on Rs. 24072.36					5175.56			
		Add Labour cess @ 1% i.e. on Rs. 29247.92					292.48			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				29540.40				
		Labour for	1	Cuts				2954.04				
		For Jointing D.I. Pipe 450mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)			Each	5.50	181.86	1000.23				
		Total						2005.35				
		Sundries @ 3% i.e. on Rs. 2005.35						60.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 2065.51						444.08				
		Add Labour cess @ 1% i.e. on Rs. 2509.59						25.10				
		Labour for	10	Joints				2534.69				
		Labour for	1	Joints				253.47				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	150.20	1.2191	183.11				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2954.04	206.78				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	253.47	103.92				
		Labour For	1	m.				493.81	493.81			493.81
		Cost for	1	m.					6040.42			
		Add 10% for sub mountainous region										49.38
		Labour for	1	m.								543.19
		Cost for	1	m.								6089.80

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 500mm i/d pipe weight 178.40 Kg. per m. :-	100	m.						
		Or	178.40	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	5618.00	573036.00			
		Total - I				573036.00				
		Sundries @ 3% i.e. on Rs. 573036				17191.08				
		Add contractor's profit @ 10% i.e. on Rs. 590227.08				59022.71				
		Add Labour cess @ 1% i.e. on Rs. 649249.79				6492.50				
		Material cost for	100.00	m.		655742.29				
		Material cost for	1.00	m.		6557.42	6557.42			6557.42
		For stringing out in trench 500mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for	35.55	Qtl.		4333.89				
		Labour for	178.40	Qtl.		21748.69				
		Labour for	1	Qtl.		121.91				
		For cutting D.I. Pipe 500mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	6.500	223.36	1451.84			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Pig lead		Kg.	168.00	148.00	24864.00			
(iv)		Spun yarn		Kg.	10.20	72.00	734.40			
		Total				27232.10				
		Sundries @ 3% i.e. on Rs. 27232.1				816.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 28049.06				6030.55				
		Add Labour cess @ 1% i.e. on Rs. 34079.61				340.80				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				34420.41				
		Labour for	1	Cuts				3442.04				
		For Jointing D.I. Pipe 500mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)			Each	6.50	181.86	1182.09				
		Total						2298.89				
		Sundries @ 3% i.e. on Rs. 2298.89						68.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 2367.86						509.09				
		Add Labour cess @ 1% i.e. on Rs. 2876.95						28.77				
		Labour for	10	Joints				2905.72				
		Labour for	1	Joints				290.57				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	178.40	1.2191	217.49				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	3442.04	240.94				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	290.57	119.13				
		Labour For	1	m.				577.56	577.56			577.56
		Cost for	1	m.					7134.98			
		Add 10% for sub mountainous region										57.76
		Labour for	1	m.								635.32
		Cost for	1	m.								7192.74

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 600mm i/d pipe weight 237.60 Kg. per m. :-		100 m.						
		Or		237.60 Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	7216.00	736032.00				
		Total - I				736032.00				
		Sundries @ 3% i.e. on Rs. 736032				22080.96				
		Add contractor's profit @ 10% i.e. on Rs. 758112.96				75811.30				
		Add Labour cess @ 1% i.e. on Rs. 833924.26				8339.24				
		Material cost for		100.00 m.		842263.50				
		Material cost for		1.00 m.		8422.64	8422.64			8422.64
		For stringing out in trench 600mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
(iv)		Provision for crane of 35 Tonne	Each	0.500	5000.00	2500.00				
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for		35.55 Qtl.		4333.89				
		Labour for		237.60 Qtl.		28965.75				
		Labour for		1 Qtl.		121.91				
		For cutting D.I. Pipe 600mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	7.500	223.36	1675.20				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Pig lead	Kg.	209.00	148.00	30932.00				
(iv)		Spun yarn	Kg.	12.10	72.00	871.20				
		Total				33660.26				
		Sundries @ 3% i.e. on Rs. 33660.26				1009.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 34670.07				7454.07				
		Add Labour cess @ 1% i.e. on Rs. 42124.14				421.24				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				42545.38				
		Labour for	1	Cuts				4254.54				
		For Jointing D.I. Pipe 600mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	7.000	223.36	1563.52				
(ii)		Helper (Skilled worker - Upper)			Each	7.50	181.86	1363.95				
		Total						2927.47				
		Sundries @ 3% i.e. on Rs. 2927.47						87.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 3015.29						648.29				
		Add Labour cess @ 1% i.e. on Rs. 3663.58						36.64				
		Labour for	10	Joints				3700.22				
		Labour for	1	Joints				370.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	237.60	1.2191	289.66				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4254.54	297.82				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	370.02	151.71				
		Labour For	1	m.				739.19	739.19			739.19
		Cost for	1	m.					9161.83			
		Add 10% for sub mountainous region										73.92
		Labour for	1	m.								813.11
		Cost for	1	m.								9235.75

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.10		Extra for fixing of double flanged pipes in vertical position for over head reservoir & stand pipes, scaffolding, derricks, Jim poles, tools and plants, ropes, guys, etc. Complete as desired by Engineer-in-Charge.										
a		80mm i/d pipe lines laid complete										
		Unit :	1	m.								
		Taking Output of 80mm i/d pipe weight 19.80Kg. per m. :-										
		Or	59.40	Kg.								
(II)		Labour										
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.								
		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
		Total - II						446.72				
		Sundries @ 3% i.e. on Rs. 446.72						13.40				
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12						98.93				
		Add Labour cess @ 1% i.e. on Rs. 559.05						5.59				
		Labour For	319	Kg.				564.64				
		Labour For	1	Kg.				1.77				
		Labour For	1	m.				35.05	35.05			35.05
		Cost for	1	m.					35.05			
		Add 10% for sub mountainous region										3.50
		Labour for	1	Kg.								38.55
		Cost for	1	Kg.								38.55

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 100mm i/d pipe weight 25.40Kg. per m. :-	3	m.						
		Or	76.20	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			44.96	44.96		44.96
		Cost for	1	m.			44.96			
		Add 10% for sub mountainous region								4.50
		Labour for	1	Kg.						49.46
		Cost for	1	Kg.						49.46

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 125mm i/d pipe weight 33.10Kg. per m. :-	3	m.						
		Or	99.30	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			58.59	58.59		58.59
		Cost for	1	m.			58.59	58.59		
		Add 10% for sub mountainous region								5.86
		Labour for	1	Kg.						64.45
		Cost for	1	Kg.						64.45

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 150mm i/d pipe weight 41.60Kg. per m. :-	3	m.						
		Or	124.80	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			73.63	73.63		73.63
		Cost for	1	m.			73.63			
		Add 10% for sub mountainous region								7.36
		Labour for	1	Kg.						80.99
		Cost for	1	Kg.						80.99

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 200mm i/d pipe weight 60.10Kg. per m. :-	3	m.						
		Or	180.30	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			106.38	106.38		106.38
		Cost for	1	m.			106.38			
		Add 10% for sub mountainous region								10.64
		Labour for	1	Kg.						117.02
		Cost for	1	Kg.						117.02

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 250mm i/d pipe weight 81.80Kg. per m. :-	3	m.						
		Or	245.40	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			144.79	144.79		144.79
		Cost for	1	m.			144.79			
		Add 10% for sub mountainous region								14.48
		Labour for	1	Kg.						159.27
		Cost for	1	Kg.						159.27

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 300mm i/d pipe weight 106.30Kg. per m. :-	3	m.						
		Or	318.90	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			188.15	188.15		188.15
		Cost for	1	m.			188.15			
		Add 10% for sub mountainous region								18.82
		Labour for	1	Kg.						206.97
		Cost for	1	Kg.						206.97

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 350mm i/d pipe weight 114.50Kg. per m. :-	3	m.						
		Or	343.50	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			202.67	202.67		202.67
		Cost for	1	m.			202.67			
		Add 10% for sub mountainous region								20.27
		Labour for	1	Kg.						222.94
		Cost for	1	Kg.						222.94

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 400mm i/d pipe weight 139.50Kg. per m. :-	3	m.						
		Or	418.50	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			246.92	246.92		246.92
		Cost for	1	m.			246.92			
		Add 10% for sub mountainous region								24.69
		Labour for	1	Kg.						271.61
		Cost for	1	Kg.						271.61

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 450mm i/d pipe weight 169.00Kg. per m. :-	3	m.						
		Or	507.00	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			299.13	299.13		299.13
		Cost for	1	m.			299.13			
		Add 10% for sub mountainous region								29.91
		Labour for	1	Kg.						329.04
		Cost for	1	Kg.						329.04

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 500mm i/d pipe weight 196.70Kg. per m. :-	3	m.						
		Or	590.10	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			348.16	348.16		348.16
		Cost for	1	m.			348.16			
		Add 10% for sub mountainous region								34.82
		Labour for	1	Kg.						382.98
		Cost for	1	Kg.						382.98

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :	1	m.						
		Taking Output of 600mm i/d pipe weight 263.90Kg. per m. :-	3	m.						
		Or	791.70	Kg.						
i		Labour								
		Taking Output of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say :-	319	Kg.						
		Fitter Pipe (1st Class)			Each	2.00	223.36	446.72		
		Total - II					446.72			
		Sundries @ 3% i.e. on Rs. 446.72					13.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 460.12					98.93			
		Add Labour cess @ 1% i.e. on Rs. 559.05					5.59			
		Labour For	319	Kg.			564.64			
		Labour For	1	Kg.			1.77			
		Labour For	1	m.			467.10	467.10		467.10
		Cost for	1	m.			467.10			
		Add 10% for sub mountainous region								46.71
		Labour for	1	Kg.						513.81
		Cost for	1	Kg.						513.81

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.10 ii	Jointing Collared steel pipes IS 11722 with Couplers including cartage of coupler from divisonal store to site of work. (Coupler will be supplied by the department free of cost)	Deleted							

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.11		Providing, Stringing out, cutting Jointing & testing A.C. Pipes ISI marked as per IS 1592-2003 class-15 with suitable A C coupling or CI D-joints along the trenches and laying the same into Trenches to correct alignment and gradients, including all carriage complete.										
a		80mm i/d pipe										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of A.C. Pipe including wastage and breakage 5%			m.	31.50	69.28	2182.32				
		Total - I						2182.32				
		Sundries @ 3% i.e. on Rs. 2182.32						65.47				
		Add contractor's profit @ 10% i.e. on Rs. 2247.79						224.78				
		Add Labour cess @ 1% i.e. on Rs. 2472.57						24.73				
		Material Cost for	30	m.				2497.30				
		Material Cost for	1	m.				83.24	83.24			83.24
		For stringing out in trench 80mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.25	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)			Each	0.25	181.86	45.47				
(iii)		Helper (Skilled worker - Lower)			Each	0.125	174.53	21.82				
		Total - II						123.13				
		Sundries @ 3% i.e. on Rs. 123.13						3.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 126.82						27.27				
		Add Labour cess @ 1% i.e. on Rs. 154.09						1.54				
		Labour for	30	m.				155.63				
		Labour for	1	m.				5.19				
		For cutting A.C. Pipe 80mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	3.500	223.36	781.76				
(ii)		Helper (Skilled worker - Upper)			Each	3.50	181.86	636.51				
(iii)		A.C. Coupler for jointing			Each	100.00	0.00	0.00				
		Total						1418.27				
		Sundries @ 3% i.e. on Rs. 1418.27						42.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 1460.82						314.08				
		Add Labour cess @ 1% i.e. on Rs. 1774.9						17.75				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	100	Cuts				1792.65				
		Labour for	1	Cuts				17.93				
		For Jointing A.C. Pipe 80mm i/d										
		Labour										
		Taking Output :-	20	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
		Total						405.22				
		Sundries @ 3% i.e. on Rs. 405.22						12.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38						89.74				
		Add Labour cess @ 1% i.e. on Rs. 507.12						5.07				
		Labour for	20	Joints				512.19				
		Labour for	1	Joints				25.61				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.19	5.19				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.93	1.26				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	25.61	10.50				
		Labour For	1	m.				16.95	16.95			16.95
		Cost for	1	m.					100.19			
		Add 10% for sub mountainous region										1.70
		Labour for	1	m.								18.65
		Cost for	1	m.								101.89

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of A.C. Pipe including wastage and breakage 5%	m.	31.50	90.00	2835.00				
		Total - I				2835.00				
		Sundries @ 3% i.e. on Rs. 2835				85.05				
		Add contractor's profit @ 10% i.e. on Rs. 2920.05				292.01				
		Add Labour cess @ 1% i.e. on Rs. 3212.06				32.12				
		Material Cost for	30	m.		3244.18				
		Material Cost for	1	m.		108.14	108.14			108.14
		For stringing out in trench 100mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)	Each	0.333	181.86	60.56				
(iii)		Helper (Skilled worker - Lower)	Each	0.167	174.53	29.09				
		Total - II				164.03				
		Sundries @ 3% i.e. on Rs. 164.03				4.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 168.95				36.32				
		Add Labour cess @ 1% i.e. on Rs. 205.27				2.05				
		Labour for	30	m.		207.32				
		Labour for	1	m.		6.91				
		For cutting A.C. Pipe 100mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)	Each	4.50	181.86	818.37				
(iii)		A.C. Coupler for jointing	Each	100.00	0.00	0.00				
		Total				1823.49				
		Sundries @ 3% i.e. on Rs. 1823.49				54.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 1878.19				403.81				
		Add Labour cess @ 1% i.e. on Rs. 2282				22.82				
		Labour for	100	Cuts		2304.82				
		Labour for	1	Cuts		23.05				
		For Jointing A.C. Pipe 100mm i/d								
		Labour								
		Taking Output :-	16	Joints						

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
		Total						405.22				
		Sundries @ 3% i.e. on Rs. 405.22						12.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38						89.74				
		Add Labour cess @ 1% i.e. on Rs. 507.12						5.07				
		Labour for	16	Joints				512.19				
		Labour for	1	Joints				32.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	6.91	6.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	23.05	1.61				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	32.01	13.12				
		Labour For	1	m.				21.64	21.64			21.64
		Cost for	1	m.					129.78			
		Add 10% for sub mountainous region										2.16
		Labour for	1	m.								23.80
		Cost for	1	m.								131.94

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		150mm i/d pipe										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of A.C. Pipe including wastage and breakage 5%			m.	31.50	177.09	5578.34				
		Total - I						5578.34				
		Sundries @ 3% i.e. on Rs. 5578.34						167.35				
		Add contractor's profit @ 10% i.e. on Rs. 5745.69						574.57				
		Add Labour cess @ 1% i.e. on Rs. 6320.26						63.20				
		Material Cost for	30	m.				6383.46				
		Material Cost for	1	m.				212.78	212.78			212.78
		For stringing out in trench 150mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.50	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	0.50	181.86	90.93				
(iii)		Helper (Skilled worker - Lower)			Each	0.250	174.53	43.63				
		Total - II						246.24				
		Sundries @ 3% i.e. on Rs. 246.24						7.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 253.63						54.53				
		Add Labour cess @ 1% i.e. on Rs. 308.16						3.08				
		Labour for	30	m.				311.24				
		Labour for	1	m.				10.37				
		For cutting A.C. Pipe 150mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	6.000	223.36	1340.16				
(ii)		Helper (Skilled worker - Upper)			Each	6.00	181.86	1091.16				
(iii)		A.C. Coupler for jointing			Each	100.00	0.00	0.00				
		Total						2431.32				
		Sundries @ 3% i.e. on Rs. 2431.32						72.94				
		Add contractor's profit @ 21.50% i.e. on Rs. 2504.26						538.42				
		Add Labour cess @ 1% i.e. on Rs. 3042.68						30.43				
		Labour for	100	Cuts				3073.11				
		Labour for	1	Cuts				30.73				
		For Jointing A.C. Pipe 150mm i/d										
		Labour										
		Taking Output :-	12	Joints								

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
		Total						405.22				
		Sundries @ 3% i.e. on Rs. 405.22						12.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38						89.74				
		Add Labour cess @ 1% i.e. on Rs. 507.12						5.07				
		Labour for	12	Joints				512.19				
		Labour for	1	Joints				42.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	10.37	10.37				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	30.73	2.15				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	42.68	17.50				
		Labour For	1	m.				30.02	30.02			30.02
		Cost for	1	m.					242.80			
		Add 10% for sub mountainous region										3.00
		Labour for	1	m.								33.02
		Cost for	1	m.								245.80

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		200mm i/d pipe										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of A.C. Pipe including wastage and breakage 5%			m.	31.50	326.00	10269.00				
		Total - I						10269.00				
		Sundries @ 3% i.e. on Rs. 10269						308.07				
		Add contractor's profit @ 10% i.e. on Rs. 10577.07						1057.71				
		Add Labour cess @ 1% i.e. on Rs. 11634.78						116.35				
		Material Cost for	30	m.				11751.13				
		Material Cost for	1	m.				391.70	391.70			391.70
		For stringing out in trench 200mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.75	223.36	167.52				
(ii)		Helper (Skilled worker - Upper)			Each	0.75	181.86	136.40				
(iii)		Helper (Skilled worker - Lower)			Each	0.375	174.53	65.45				
		Total - II						369.37				
		Sundries @ 3% i.e. on Rs. 369.37						11.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 380.45						81.80				
		Add Labour cess @ 1% i.e. on Rs. 462.25						4.62				
		Labour for	30	m.				466.87				
		Labour for	1	m.				15.56				
		For cutting A.C. Pipe 200mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	8.000	223.36	1786.88				
(ii)		Helper (Skilled worker - Upper)			Each	8.00	181.86	1454.88				
(iii)		A.C. Coupler for jointing			Each	100.00	0.00	0.00				
		Total						3241.76				
		Sundries @ 3% i.e. on Rs. 3241.76						97.25				
		Add contractor's profit @ 21.50% i.e. on Rs. 3339.01						717.89				
		Add Labour cess @ 1% i.e. on Rs. 4056.9						40.57				
		Labour for	100	Cuts				4097.47				
		Labour for	1	Cuts				40.97				
		For Jointing A.C. Pipe 200mm i/d										
		Labour										
		Taking Output :-	8	Joints								

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
		Total						405.22				
		Sundries @ 3% i.e. on Rs. 405.22						12.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38						89.74				
		Add Labour cess @ 1% i.e. on Rs. 507.12						5.07				
		Labour for	8	Joints				512.19				
		Labour for	1	Joints				64.02				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	15.56	15.56				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	40.97	2.87				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	64.02	26.25				
		Labour For	1	m.				44.68	44.68			44.68
		Cost for	1	m.					436.38			
		Add 10% for sub mountainous region										4.47
		Labour for	1	m.								49.15
		Cost for	1	m.								440.85

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		250mm i/d pipe								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of A.C. Pipe including wastage and breakage 5%	m.	31.50	625.00	19687.50				
		Total - I				19687.50				
		Sundries @ 3% i.e. on Rs. 19687.5				590.63				
		Add contractor's profit @ 10% i.e. on Rs. 20278.13				2027.81				
		Add Labour cess @ 1% i.e. on Rs. 22305.94				223.06				
		Material Cost for	30	m.		22529.00				
		Material Cost for	1	m.		750.97	750.97			750.97
		For stringing out in trench 250mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	0.500	174.53	87.27				
		Total - II				492.49				
		Sundries @ 3% i.e. on Rs. 492.49				14.77				
		Add contractor's profit @ 21.50% i.e. on Rs. 507.26				109.06				
		Add Labour cess @ 1% i.e. on Rs. 616.32				6.16				
		Labour for	30	m.		622.48				
		Labour for	1	m.		20.75				
		For cutting A.C. Pipe 250mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	10.000	223.36	2233.60				
(ii)		Helper (Skilled worker - Upper)	Each	10.00	181.86	1818.60				
(iii)		A.C. Coupler for jointing	Each	100.00	0.00	0.00				
		Total				4052.20				
		Sundries @ 3% i.e. on Rs. 4052.2				121.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 4173.77				897.36				
		Add Labour cess @ 1% i.e. on Rs. 5071.13				50.71				
		Labour for	100	Cuts		5121.84				
		Labour for	1	Cuts		51.22				
		For Jointing A.C. Pipe 250mm i/d								
		Labour								
		Taking Output :-	6	Joints						

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
		Total						405.22				
		Sundries @ 3% i.e. on Rs. 405.22						12.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38						89.74				
		Add Labour cess @ 1% i.e. on Rs. 507.12						5.07				
		Labour for	6	Joints				512.19				
		Labour for	1	Joints				85.37				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	20.75	20.75				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	51.22	3.59				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	85.37	35.00				
		Labour For	1	m.				59.34	59.34			59.34
		Cost for	1	m.					810.31			
		Add 10% for sub mountainous region										5.93
		Labour for	1	m.								65.27
		Cost for	1	m.								816.24

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.12		Providing, Stringing out P.V.C. Pipes as per ISI-4985 casting along the Trenches and laying the same in Trenches to correct alignment and gradients, cutting, jointing and testing including cost of specials complete as per specifications.										
i		63mm o/d pipe of 10 Kgf. / sqcm										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of PVC Pipe including wastage and breakage 5%			m.	31.50	81.00	2551.50				
		Total - I						2551.50				
		Sundries @ 3% i.e. on Rs. 2551.5						76.55				
		Add contractor's profit @ 10% i.e. on Rs. 2628.05						262.81				
		Add Labour cess @ 1% i.e. on Rs. 2890.86						28.91				
		Material Cost for	30	m.				2919.77				
		Material Cost for	1	m.				97.33	97.33			97.33
		For stringing out in trench 63mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (1st Class)			Each	0.14	223.36	31.27				
(ii)		Helper (Skilled worker - Upper)			Each	0.14	181.86	25.46				
(iii)		Helper (Skilled worker - Lower)			Each	0.070	174.53	12.22				
		Total - II						68.95				
		Sundries @ 3% i.e. on Rs. 68.95						2.07				
		Add contractor's profit @ 21.50% i.e. on Rs. 71.02						15.27				
		Add Labour cess @ 1% i.e. on Rs. 86.29						0.86				
		Labour for	30	m.				87.15				
		Labour for	1	m.				2.91				
		For cutting PVC Pipe 63mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (1st Class)			Each	1.25	223.36	279.20				
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						370.13				
		Sundries @ 3% i.e. on Rs. 370.13						11.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 381.23						81.96				
		Add Labour cess @ 1% i.e. on Rs. 463.19						4.63				
		Labour for	100	Cuts				467.82				
		Labour for	1	Cuts				4.68				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		For Jointing PVC Pipe 63mm i/d								
		Labour								
		Taking Output :-	28	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
		Total				202.61				
		Sundries @ 3% i.e. on Rs. 202.61				6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69				44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56				2.54				
		Labour for	28	Joints		256.10				
		Labour for	1	Joints		9.15				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.	m.	1.00	2.91	2.91				
		Cutting of pipe taking 7 cut per 100 m.	Each	0.07	4.68	0.33				
		Jointig pipe taking 24 joint per 100 m.	Each	0.24	9.15	2.20				
		Labour For	1	m.		5.44	5.44			5.44
		Cost for	1	m.			102.77			
		Add 10% for sub mountainous region								0.54
		Labour for	1	m.						5.98
		Cost for	1	m.						103.31

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
ii		75mm o/d pipe of 10 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	114.00	3591.00				
		Total - I				3591.00				
		Sundries @ 3% i.e. on Rs. 3591				107.73				
		Add contractor's profit @ 10% i.e. on Rs. 3698.73				369.87				
		Add Labour cess @ 1% i.e. on Rs. 4068.6				40.69				
		Material Cost for	30	m.		4109.29				
		Material Cost for	1	m.		136.98	136.98			136.98
		For stringing out in trench 75mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.167	223.36	37.30				
(ii)		Helper (Skilled worker - Upper)	Each	0.167	181.86	30.37				
(iii)		Helper (Skilled worker - Lower)	Each	0.083	174.53	14.49				
		Total - II				82.16				
		Sundries @ 3% i.e. on Rs. 82.16				2.46				
		Add contractor's profit @ 21.50% i.e. on Rs. 84.62				18.19				
		Add Labour cess @ 1% i.e. on Rs. 102.81				1.03				
		Labour for	30	m.		103.84				
		Labour for	1	m.		3.46				
		For cutting PVC Pipe 75mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.50	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)	Each	1.50	181.86	272.79				
		Total				607.83				
		Sundries @ 3% i.e. on Rs. 607.83				18.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 626.06				134.60				
		Add Labour cess @ 1% i.e. on Rs. 760.66				7.61				
		Labour for	100	Cuts		768.27				
		Labour for	1	Cuts		7.68				
		For Jointing PVC Pipe 75mm i/d								
		Labour								
		Taking Output :-	24	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	24	Joints				256.10				
		Labour for	1	Joints				10.67				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	3.46	3.46				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	7.68	0.54				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	10.67	2.56				
		Labour For	1	m.				6.56	6.56			6.56
		Cost for	1	m.					143.54			
		Add 10% for sub mountainous region										0.66
		Labour for	1	m.								7.22
		Cost for	1	m.								144.20

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iii		90mm o/d pipe of 10 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(i)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	165.00	5197.50				
		Total - I				5197.50				
		Sundries @ 3% i.e. on Rs. 5197.5				155.93				
		Add contractor's profit @ 10% i.e. on Rs. 5353.43				535.34				
		Add Labour cess @ 1% i.e. on Rs. 5888.77				58.89				
		Material Cost for	30	m.		5947.66				
		Material Cost for	1	m.		198.26	198.26			198.26
		For stringing out in trench 90mm i/d								
(ii)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.20	223.36	44.67				
(ii)		Helper (Skilled worker - Upper)	Each	0.20	181.86	36.37				
(iii)		Helper (Skilled worker - Lower)	Each	0.10	174.53	17.45				
		Total - II				98.49				
		Sundries @ 3% i.e. on Rs. 98.49				2.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 101.44				21.81				
		Add Labour cess @ 1% i.e. on Rs. 123.25				1.23				
		Labour for	30	m.		124.48				
		Labour for	1	m.		4.15				
		For cutting PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.75	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)	Each	1.75	181.86	318.26				
		Total				709.14				
		Sundries @ 3% i.e. on Rs. 709.14				21.27				
		Add contractor's profit @ 21.50% i.e. on Rs. 730.41				157.04				
		Add Labour cess @ 1% i.e. on Rs. 887.45				8.87				
		Labour for	100	Cuts		896.32				
		Labour for	1	Cuts		8.96				
		For Jointing PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	20	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	20	Joints				256.10				
		Labour for	1	Joints				12.81				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.15	4.15				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	8.96	0.63				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	12.81	3.07				
		Labour For	1	m.				7.85	7.85			7.85
		Cost for	1	m.					206.11			
		Add 10% for sub mountainous region										0.79
		Labour for	1	m.								8.64
		Cost for	1	m.								206.90

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iv		110mm o/d pipe of 10 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	241.00	7591.50				
		Total - I				7591.50				
		Sundries @ 3% i.e. on Rs. 7591.5				227.75				
		Add contractor's profit @ 10% i.e. on Rs. 7819.25				781.93				
		Add Labour cess @ 1% i.e. on Rs. 8601.18				86.01				
		Material Cost for	30	m.		8687.19				
		Material Cost for	1	m.		289.57	289.57			289.57
		For stringing out in trench 110mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.25	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)	Each	0.25	181.86	45.47				
(iii)		Helper (Skilled worker - Lower)	Each	0.125	174.53	21.82				
		Total - II				123.13				
		Sundries @ 3% i.e. on Rs. 123.13				3.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 126.82				27.27				
		Add Labour cess @ 1% i.e. on Rs. 154.09				1.54				
		Labour for	30	m.		155.63				
		Labour for	1	m.		5.19				
		For cutting PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.25	223.36	502.56				
(ii)		Helper (Skilled worker - Upper)	Each	2.25	181.86	409.19				
		Total				911.75				
		Sundries @ 3% i.e. on Rs. 911.75				27.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 939.1				201.91				
		Add Labour cess @ 1% i.e. on Rs. 1141.01				11.41				
		Labour for	100	Cuts		1152.42				
		Labour for	1	Cuts		11.52				
		For Jointing PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	16	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	16	Joints				256.10				
		Labour for	1	Joints				16.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.19	5.19				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	11.52	0.81				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	16.01	3.84				
		Labour For	1	m.				9.84	9.84			9.84
		Cost for	1	m.					299.41			
		Add 10% for sub mountainous region										0.98
		Labour for	1	m.								10.82
		Cost for	1	m.								300.39

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
v		160mm o/d pipe of 10 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	504.00	15876.00				
		Total - I				15876.00				
		Sundries @ 3% i.e. on Rs. 15876				476.28				
		Add contractor's profit @ 10% i.e. on Rs. 16352.28				1635.23				
		Add Labour cess @ 1% i.e. on Rs. 17987.51				179.88				
		Material Cost for	30	m.		18167.39				
		Material Cost for	1	m.		605.58	605.58			605.58
		For stringing out in trench 160mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)	Each	0.333	181.86	60.56				
(iii)		Helper (Skilled worker - Lower)	Each	0.167	174.53	29.15				
		Total - II				164.09				
		Sundries @ 3% i.e. on Rs. 164.09				4.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 169.01				36.34				
		Add Labour cess @ 1% i.e. on Rs. 205.35				2.05				
		Labour for	30	m.		207.40				
		Labour for	1	m.		6.91				
		For cutting PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.00	223.36	670.08				
(ii)		Helper (Skilled worker - Upper)	Each	3.00	181.86	545.58				
		Total				1215.66				
		Sundries @ 3% i.e. on Rs. 1215.66				36.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 1252.13				269.21				
		Add Labour cess @ 1% i.e. on Rs. 1521.34				15.21				
		Labour for	100	Cuts		1536.55				
		Labour for	1	Cuts		15.37				
		For Jointing PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	12	Joints				256.10				
		Labour for	1	Joints				21.34				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	6.91	6.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	15.37	1.08				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	21.34	5.12				
		Labour For	1	m.				13.11	13.11			13.11
		Cost for	1	m.					618.69			
		Add 10% for sub mountainous region										1.31
		Labour for	1	m.								14.42
		Cost for	1	m.								620.00

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
vi		200mm o/d pipe of 10 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	1050.00	33075.00				
		Total - I				33075.00				
		Sundries @ 3% i.e. on Rs. 33075				992.25				
		Add contractor's profit @ 10% i.e. on Rs. 34067.25				3406.73				
		Add Labour cess @ 1% i.e. on Rs. 37473.98				374.74				
		Material Cost for	30	m.		37848.72				
		Material Cost for	1	m.		1261.62	1261.62			1261.62
		For stringing out in trench 200mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
(iii)		Helper (Skilled worker - Lower)	Each	0.333	174.53	58.12				
		Total - II				260.73				
		Sundries @ 3% i.e. on Rs. 260.73				7.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 268.55				57.74				
		Add Labour cess @ 1% i.e. on Rs. 326.29				3.26				
		Labour for	30	m.		329.55				
		Labour for	1	m.		10.99				
		For cutting PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.50	223.36	781.76				
(ii)		Helper (Skilled worker - Upper)	Each	3.50	181.86	636.51				
		Total				1418.27				
		Sundries @ 3% i.e. on Rs. 1418.27				42.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 1460.82				314.08				
		Add Labour cess @ 1% i.e. on Rs. 1774.9				17.75				
		Labour for	100	Cuts		1792.65				
		Labour for	1	Cuts		17.93				
		For Jointing PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.625	181.86	113.66				
		Total						253.26				
		Sundries @ 3% i.e. on Rs. 253.26						7.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 260.86						56.08				
		Add Labour cess @ 1% i.e. on Rs. 316.94						3.17				
		Labour for	12	Joints				320.11				
		Labour for	1	Joints				26.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	10.99	10.99				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.93	1.26				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	26.68	6.40				
		Labour For	1	m.				18.65	18.65			18.65
		Cost for	1	m.					1280.27			
		Add 10% for sub mountainous region										1.87
		Labour for	1	m.								20.52
		Cost for	1	m.								1282.14

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
vii		250mm o/d pipe of 10 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	1740.00	54810.00				
		Total - I				54810.00				
		Sundries @ 3% i.e. on Rs. 54810				1644.30				
		Add contractor's profit @ 10% i.e. on Rs. 56454.3				5645.43				
		Add Labour cess @ 1% i.e. on Rs. 62099.73				621.00				
		Material Cost for	30	m.		62720.73				
		Material Cost for	1	m.		2090.69	2090.69			2090.69
		For stringing out in trench 250mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				
(ii)		Helper (Skilled worker - Upper)	Each	0.625	181.86	113.66				
(iii)		Helper (Skilled worker - Lower)	Each	0.500	174.53	87.27				
		Total - II				340.53				
		Sundries @ 3% i.e. on Rs. 340.53				10.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 350.75				75.41				
		Add Labour cess @ 1% i.e. on Rs. 426.16				4.26				
		Labour for	30	m.		430.42				
		Labour for	1	m.		14.35				
		For cutting PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)	Each	4.00	181.86	727.44				
		Total				1620.88				
		Sundries @ 3% i.e. on Rs. 1620.88				48.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 1669.51				358.94				
		Add Labour cess @ 1% i.e. on Rs. 2028.45				20.28				
		Labour for	100	Cuts		2048.73				
		Labour for	1	Cuts		20.49				
		For Jointing PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.750	223.36	167.52				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total						303.92				
		Sundries @ 3% i.e. on Rs. 303.92						9.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.04						67.30				
		Add Labour cess @ 1% i.e. on Rs. 380.34						3.80				
		Labour for	12	Joints				384.14				
		Labour for	1	Joints				32.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	14.35	14.35				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	20.49	1.43				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	32.01	7.68				
		Labour For	1	m.				23.46	23.46			23.46
		Cost for	1	m.					2114.15			
		Add 10% for sub mountainous region										2.35
		Labour for	1	m.								25.81
		Cost for	1	m.								2116.50

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
viii		63mm o/d pipe of 8 Kg. / sqcm			Deleted As Rates for this size are not					
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%		m.	31.50	0.00	0.00			
		Total - I				0.00				
		Sundries @ 3% i.e. on Rs. 0				0.00				
		Add contractor's profit @ 10% i.e. on Rs. 0				0.00				
		Add Labour cess @ 1% i.e. on Rs. 0				0.00				
		Material Cost for	30	m.		0.00				
		Material Cost for	1	m.		0.00	0.00			0.00
		For stringing out in trench 63mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)		Each	0.14	223.36	31.27			
(ii)		Helper (Skilled worker - Upper)		Each	0.14	181.86	25.46			
(iii)		Helper (Skilled worker - Lower)		Each	0.070	174.53	12.22			
		Total - II					68.95			
		Sundries @ 3% i.e. on Rs. 68.95					2.07			
		Add contractor's profit @ 21.50% i.e. on Rs. 71.02					15.27			
		Add Labour cess @ 1% i.e. on Rs. 86.29					0.86			
		Labour for	30	m.			87.15			
		Labour for	1	m.			2.91			
		For cutting PVC Pipe 63mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.25	223.36	279.20			
(ii)		Helper (Skilled worker - Upper)		Each	0.500	181.86	90.93			
		Total					370.13			
		Sundries @ 3% i.e. on Rs. 370.13					11.10			
		Add contractor's profit @ 21.50% i.e. on Rs. 381.23					81.96			
		Add Labour cess @ 1% i.e. on Rs. 463.19					4.63			
		Labour for	100	Cuts			467.82			
		Labour for	1	Cuts			4.68			
		For Jointing PVC Pipe 63mm i/d								
		Labour								
		Taking Output :-	28	Joints						
(i)		Fitter Pipe (Ist Class)		Each	0.500	223.36	111.68			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	28	Joints				256.10				
		Labour for	1	Joints				9.15				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.91	2.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4.68	0.33				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	9.15	2.20				
		Labour For	1	m.				5.44	5.44			5.44
		Cost for	1	m.					5.44			
		Add 10% for sub mountainous region										0.54
		Labour for	1	m.								5.98
		Cost for	1	m.								5.98

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
ix		75mm o/d pipe of 8 Kg. / sqcm			Deleted As Rates for this size are not					
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	0.00	0.00				
		Total - I				0.00				
		Sundries @ 3% i.e. on Rs. 0				0.00				
		Add contractor's profit @ 10% i.e. on Rs. 0				0.00				
		Add Labour cess @ 1% i.e. on Rs. 0				0.00				
		Material Cost for	30	m.		0.00				
		Material Cost for	1	m.		0.00	0.00			0.00
		For stringing out in trench 75mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)			Each	0.167	223.36			
(ii)		Helper (Skilled worker - Upper)			Each	0.167	181.86			
(iii)		Helper (Skilled worker - Lower)			Each	0.083	174.53			
		Total - II					82.16			
		Sundries @ 3% i.e. on Rs. 82.16					2.46			
		Add contractor's profit @ 21.50% i.e. on Rs. 84.62					18.19			
		Add Labour cess @ 1% i.e. on Rs. 102.81					1.03			
		Labour for	30	m.			103.84			
		Labour for	1	m.			3.46			
		For cutting PVC Pipe 75mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)			Each	1.50	223.36			
(ii)		Helper (Skilled worker - Upper)			Each	1.50	181.86			
		Total					607.83			
		Sundries @ 3% i.e. on Rs. 607.83					18.23			
		Add contractor's profit @ 21.50% i.e. on Rs. 626.06					134.60			
		Add Labour cess @ 1% i.e. on Rs. 760.66					7.61			
		Labour for	100	Cuts			768.27			
		Labour for	1	Cuts			7.68			
		For Jointing PVC Pipe 75mm i/d								
		Labour								
		Taking Output :-	24	Joints						
(i)		Fitter Pipe (Ist Class)			Each	0.500	223.36			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	24	Joints				256.10				
		Labour for	1	Joints				10.67				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	3.46	3.46				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	7.68	0.54				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	10.67	2.56				
		Labour For	1	m.				6.56	6.56			6.56
		Cost for	1	m.					6.56			
		Add 10% for sub mountainous region										0.66
		Labour for	1	m.								7.22
		Cost for	1	m.								7.22

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
x		90mm o/d pipe of 8 Kgf. / sqcm			Deleted As Rates for this size are not					
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	0.00	0.00				
		Total - I				0.00				
		Sundries @ 3% i.e. on Rs. 0				0.00				
		Add contractor's profit @ 10% i.e. on Rs. 0				0.00				
		Add Labour cess @ 1% i.e. on Rs. 0				0.00				
		Material Cost for	30	m.		0.00				
		Material Cost for	1	m.		0.00	0.00			0.00
		For stringing out in trench 90mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)			Each	0.20	223.36	44.67		
(ii)		Helper (Skilled worker - Upper)			Each	0.20	181.86	36.37		
(iii)		Helper (Skilled worker - Lower)			Each	0.10	174.53	17.45		
		Total - II					98.49			
		Sundries @ 3% i.e. on Rs. 98.49					2.95			
		Add contractor's profit @ 21.50% i.e. on Rs. 101.44					21.81			
		Add Labour cess @ 1% i.e. on Rs. 123.25					1.23			
		Labour for	30	m.			124.48			
		Labour for	1	m.			4.15			
		For cutting PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)			Each	1.75	223.36	390.88		
(ii)		Helper (Skilled worker - Upper)			Each	1.75	181.86	318.26		
		Total					709.14			
		Sundries @ 3% i.e. on Rs. 709.14					21.27			
		Add contractor's profit @ 21.50% i.e. on Rs. 730.41					157.04			
		Add Labour cess @ 1% i.e. on Rs. 887.45					8.87			
		Labour for	100	Cuts			896.32			
		Labour for	1	Cuts			8.96			
		For Jointing PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	20	Joints						
(i)		Fitter Pipe (Ist Class)			Each	0.500	223.36	111.68		

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	20	Joints				256.10				
		Labour for	1	Joints				12.81				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.15	4.15				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	8.96	0.63				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	12.81	3.07				
		Labour For	1	m.				7.85	7.85			7.85
		Cost for	1	m.					7.85			
		Add 10% for sub mountainous region										0.79
		Labour for	1	m.								8.64
		Cost for	1	m.								8.64

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xi		110mm o/d pipe of 8 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	204.00	6426.00				
		Total - I				6426.00				
		Sundries @ 3% i.e. on Rs. 6426				192.78				
		Add contractor's profit @ 10% i.e. on Rs. 6618.78				661.88				
		Add Labour cess @ 1% i.e. on Rs. 7280.66				72.81				
		Material Cost for	30	m.		7353.47				
		Material Cost for	1	m.		245.12	245.12			245.12
		For stringing out in trench 110mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.25	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)	Each	0.25	181.86	45.47				
(iii)		Helper (Skilled worker - Lower)	Each	0.125	174.53	21.82				
		Total - II				123.13				
		Sundries @ 3% i.e. on Rs. 123.13				3.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 126.82				27.27				
		Add Labour cess @ 1% i.e. on Rs. 154.09				1.54				
		Labour for	30	m.		155.63				
		Labour for	1	m.		5.19				
		For cutting PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.25	223.36	502.56				
(ii)		Helper (Skilled worker - Upper)	Each	2.25	181.86	409.19				
		Total				911.75				
		Sundries @ 3% i.e. on Rs. 911.75				27.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 939.1				201.91				
		Add Labour cess @ 1% i.e. on Rs. 1141.01				11.41				
		Labour for	100	Cuts		1152.42				
		Labour for	1	Cuts		11.52				
		For Jointing PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	16	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	16	Joints				256.10				
		Labour for	1	Joints				16.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.19	5.19				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	11.52	0.81				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	16.01	3.84				
		Labour For	1	m.				9.84	9.84			9.84
		Cost for	1	m.					254.96			
		Add 10% for sub mountainous region										0.98
		Labour for	1	m.								10.82
		Cost for	1	m.								255.94

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xii		160mm o/d pipe of 8 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	430.00	13545.00				
		Total - I				13545.00				
		Sundries @ 3% i.e. on Rs. 13545				406.35				
		Add contractor's profit @ 10% i.e. on Rs. 13951.35				1395.14				
		Add Labour cess @ 1% i.e. on Rs. 15346.49				153.46				
		Material Cost for	30	m.		15499.95				
		Material Cost for	1	m.		516.67	516.67			516.67
		For stringing out in trench 160mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)	Each	0.333	181.86	60.56				
(iii)		Helper (Skilled worker - Lower)	Each	0.167	174.53	29.15				
		Total - II				164.09				
		Sundries @ 3% i.e. on Rs. 164.09				4.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 169.01				36.34				
		Add Labour cess @ 1% i.e. on Rs. 205.35				2.05				
		Labour for	30	m.		207.40				
		Labour for	1	m.		6.91				
		For cutting PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.00	223.36	670.08				
(ii)		Helper (Skilled worker - Upper)	Each	3.00	181.86	545.58				
		Total				1215.66				
		Sundries @ 3% i.e. on Rs. 1215.66				36.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 1252.13				269.21				
		Add Labour cess @ 1% i.e. on Rs. 1521.34				15.21				
		Labour for	100	Cuts		1536.55				
		Labour for	1	Cuts		15.37				
		For Jointing PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	12	Joints				256.10				
		Labour for	1	Joints				21.34				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	6.91	6.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	15.37	1.08				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	21.34	5.12				
		Labour For	1	m.				13.11	13.11			13.11
		Cost for	1	m.					529.78			
		Add 10% for sub mountainous region										1.31
		Labour for	1	m.								14.42
		Cost for	1	m.								531.09

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xiii		200mm o/d pipe of 8 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	865.00	27247.50				
		Total - I				27247.50				
		Sundries @ 3% i.e. on Rs. 27247.5				817.43				
		Add contractor's profit @ 10% i.e. on Rs. 28064.93				2806.49				
		Add Labour cess @ 1% i.e. on Rs. 30871.42				308.71				
		Material Cost for	30	m.		31180.13				
		Material Cost for	1	m.		1039.34	1039.34			1039.34
		For stringing out in trench 200mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
(iii)		Helper (Skilled worker - Lower)	Each	0.333	174.53	58.12				
		Total - II				260.73				
		Sundries @ 3% i.e. on Rs. 260.73				7.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 268.55				57.74				
		Add Labour cess @ 1% i.e. on Rs. 326.29				3.26				
		Labour for	30	m.		329.55				
		Labour for	1	m.		10.99				
		For cutting PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.50	223.36	781.76				
(ii)		Helper (Skilled worker - Upper)	Each	3.50	181.86	636.51				
		Total				1418.27				
		Sundries @ 3% i.e. on Rs. 1418.27				42.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 1460.82				314.08				
		Add Labour cess @ 1% i.e. on Rs. 1774.9				17.75				
		Labour for	100	Cuts		1792.65				
		Labour for	1	Cuts		17.93				
		For Jointing PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.625	181.86	113.66				
		Total						253.26				
		Sundries @ 3% i.e. on Rs. 253.26						7.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 260.86						56.08				
		Add Labour cess @ 1% i.e. on Rs. 316.94						3.17				
		Labour for	12	Joints				320.11				
		Labour for	1	Joints				26.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	10.99	10.99				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.93	1.26				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	26.68	6.40				
		Labour For	1	m.				18.65	18.65			18.65
		Cost for	1	m.					1057.99			
		Add 10% for sub mountainous region										1.87
		Labour for	1	m.								20.52
		Cost for	1	m.								1059.86

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xiv		250mm o/d pipe of 8 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	1407.00	44320.50				
		Total - I				44320.50				
		Sundries @ 3% i.e. on Rs. 44320.5				1329.62				
		Add contractor's profit @ 10% i.e. on Rs. 45650.12				4565.01				
		Add Labour cess @ 1% i.e. on Rs. 50215.13				502.15				
		Material Cost for	30	m.		50717.28				
		Material Cost for	1	m.		1690.58	1690.58			1690.58
		For stringing out in trench 250mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				
(ii)		Helper (Skilled worker - Upper)	Each	0.625	181.86	113.66				
(iii)		Helper (Skilled worker - Lower)	Each	0.500	174.53	87.27				
		Total - II				340.53				
		Sundries @ 3% i.e. on Rs. 340.53				10.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 350.75				75.41				
		Add Labour cess @ 1% i.e. on Rs. 426.16				4.26				
		Labour for	30	m.		430.42				
		Labour for	1	m.		14.35				
		For cutting PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)	Each	4.00	181.86	727.44				
		Total				1620.88				
		Sundries @ 3% i.e. on Rs. 1620.88				48.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 1669.51				358.94				
		Add Labour cess @ 1% i.e. on Rs. 2028.45				20.28				
		Labour for	100	Cuts		2048.73				
		Labour for	1	Cuts		20.49				
		For Jointing PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.750	223.36	167.52				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total						303.92				
		Sundries @ 3% i.e. on Rs. 303.92						9.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.04						67.30				
		Add Labour cess @ 1% i.e. on Rs. 380.34						3.80				
		Labour for	12	Joints				384.14				
		Labour for	1	Joints				32.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	14.35	14.35				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	20.49	1.43				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	32.01	7.68				
		Labour For	1	m.				23.46	23.46			23.46
		Cost for	1	m.					1714.04			
		Add 10% for sub mountainous region										2.35
		Labour for	1	m.								25.81
		Cost for	1	m.								1716.39

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xv		63mm o/d pipe of 6 Kg. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	54.00	1701.00				
		Total - I				1701.00				
		Sundries @ 3% i.e. on Rs. 1701				51.03				
		Add contractor's profit @ 10% i.e. on Rs. 1752.03				175.20				
		Add Labour cess @ 1% i.e. on Rs. 1927.23				19.27				
		Material Cost for	30	m.		1946.50				
		Material Cost for	1	m.		64.88	64.88			64.88
		For stringing out in trench 63mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.14	223.36	31.27				
(ii)		Helper (Skilled worker - Upper)	Each	0.14	181.86	25.46				
(iii)		Helper (Skilled worker - Lower)	Each	0.070	174.53	12.22				
		Total - II				68.95				
		Sundries @ 3% i.e. on Rs. 68.95				2.07				
		Add contractor's profit @ 21.50% i.e. on Rs. 71.02				15.27				
		Add Labour cess @ 1% i.e. on Rs. 86.29				0.86				
		Labour for	30	m.		87.15				
		Labour for	1	m.		2.91				
		For cutting PVC Pipe 63mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.25	223.36	279.20				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
		Total				370.13				
		Sundries @ 3% i.e. on Rs. 370.13				11.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 381.23				81.96				
		Add Labour cess @ 1% i.e. on Rs. 463.19				4.63				
		Labour for	100	Cuts		467.82				
		Labour for	1	Cuts		4.68				
		For Jointing PVC Pipe 63mm i/d								
		Labour								
		Taking Output :-	28	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	28	Joints				256.10				
		Labour for	1	Joints				9.15				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.91	2.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4.68	0.33				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	9.15	2.20				
		Labour For	1	m.				5.44	5.44			5.44
		Cost for	1	m.					70.32			
		Add 10% for sub mountainous region										0.54
		Labour for	1	m.								5.98
		Cost for	1	m.								70.86

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xvi		75mm o/d pipe of 6 Kg. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	74.00	2331.00				
		Total - I				2331.00				
		Sundries @ 3% i.e. on Rs. 2331				69.93				
		Add contractor's profit @ 10% i.e. on Rs. 2400.93				240.09				
		Add Labour cess @ 1% i.e. on Rs. 2641.02				26.41				
		Material Cost for	30	m.		2667.43				
		Material Cost for	1	m.		88.91	88.91			88.91
		For stringing out in trench 75mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.167	223.36	37.30				
(ii)		Helper (Skilled worker - Upper)	Each	0.167	181.86	30.37				
(iii)		Helper (Skilled worker - Lower)	Each	0.083	174.53	14.49				
		Total - II				82.16				
		Sundries @ 3% i.e. on Rs. 82.16				2.46				
		Add contractor's profit @ 21.50% i.e. on Rs. 84.62				18.19				
		Add Labour cess @ 1% i.e. on Rs. 102.81				1.03				
		Labour for	30	m.		103.84				
		Labour for	1	m.		3.46				
		For cutting PVC Pipe 75mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.50	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)	Each	1.50	181.86	272.79				
		Total				607.83				
		Sundries @ 3% i.e. on Rs. 607.83				18.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 626.06				134.60				
		Add Labour cess @ 1% i.e. on Rs. 760.66				7.61				
		Labour for	100	Cuts		768.27				
		Labour for	1	Cuts		7.68				
		For Jointing PVC Pipe 75mm i/d								
		Labour								
		Taking Output :-	24	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	24	Joints				256.10				
		Labour for	1	Joints				10.67				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	3.46	3.46				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	7.68	0.54				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	10.67	2.56				
		Labour For	1	m.				6.56	6.56			6.56
		Cost for	1	m.					95.47			
		Add 10% for sub mountainous region										0.66
		Labour for	1	m.								7.22
		Cost for	1	m.								96.13

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xvii		90mm o/d pipe of 6 Kg. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	106.00	3339.00				
		Total - I				3339.00				
		Sundries @ 3% i.e. on Rs. 3339				100.17				
		Add contractor's profit @ 10% i.e. on Rs. 3439.17				343.92				
		Add Labour cess @ 1% i.e. on Rs. 3783.09				37.83				
		Material Cost for	30	m.		3820.92				
		Material Cost for	1	m.		127.36	127.36			127.36
		For stringing out in trench 90mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.20	223.36	44.67				
(ii)		Helper (Skilled worker - Upper)	Each	0.20	181.86	36.37				
(iii)		Helper (Skilled worker - Lower)	Each	0.10	174.53	17.45				
		Total - II				98.49				
		Sundries @ 3% i.e. on Rs. 98.49				2.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 101.44				21.81				
		Add Labour cess @ 1% i.e. on Rs. 123.25				1.23				
		Labour for	30	m.		124.48				
		Labour for	1	m.		4.15				
		For cutting PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.75	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)	Each	1.75	181.86	318.26				
		Total				709.14				
		Sundries @ 3% i.e. on Rs. 709.14				21.27				
		Add contractor's profit @ 21.50% i.e. on Rs. 730.41				157.04				
		Add Labour cess @ 1% i.e. on Rs. 887.45				8.87				
		Labour for	100	Cuts		896.32				
		Labour for	1	Cuts		8.96				
		For Jointing PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	20	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	20	Joints				256.10				
		Labour for	1	Joints				12.81				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.15	4.15				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	8.96	0.63				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	12.81	3.07				
		Labour For	1	m.				7.85	7.85			7.85
		Cost for	1	m.					135.21			
		Add 10% for sub mountainous region										0.79
		Labour for	1	m.								8.64
		Cost for	1	m.								136.00

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xviii		110mm o/d pipe of 6 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	153.00	4819.50				
		Total - I				4819.50				
		Sundries @ 3% i.e. on Rs. 4819.5				144.59				
		Add contractor's profit @ 10% i.e. on Rs. 4964.09				496.41				
		Add Labour cess @ 1% i.e. on Rs. 5460.5				54.61				
		Material Cost for	30	m.		5515.11				
		Material Cost for	1	m.		183.84	183.84			183.84
		For stringing out in trench 110mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.25	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)	Each	0.25	181.86	45.47				
(iii)		Helper (Skilled worker - Lower)	Each	0.125	174.53	21.82				
		Total - II				123.13				
		Sundries @ 3% i.e. on Rs. 123.13				3.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 126.82				27.27				
		Add Labour cess @ 1% i.e. on Rs. 154.09				1.54				
		Labour for	30	m.		155.63				
		Labour for	1	m.		5.19				
		For cutting PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.25	223.36	502.56				
(ii)		Helper (Skilled worker - Upper)	Each	2.25	181.86	409.19				
		Total				911.75				
		Sundries @ 3% i.e. on Rs. 911.75				27.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 939.1				201.91				
		Add Labour cess @ 1% i.e. on Rs. 1141.01				11.41				
		Labour for	100	Cuts		1152.42				
		Labour for	1	Cuts		11.52				
		For Jointing PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	16	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	16	Joints				256.10				
		Labour for	1	Joints				16.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.19	5.19				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	11.52	0.81				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	16.01	3.84				
		Labour For	1	m.				9.84	9.84			9.84
		Cost for	1	m.					193.68			
		Add 10% for sub mountainous region										0.98
		Labour for	1	m.								10.82
		Cost for	1	m.								194.66

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xix		160mm o/d pipe of 6 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	326.00	10269.00				
		Total - I				10269.00				
		Sundries @ 3% i.e. on Rs. 10269				308.07				
		Add contractor's profit @ 10% i.e. on Rs. 10577.07				1057.71				
		Add Labour cess @ 1% i.e. on Rs. 11634.78				116.35				
		Material Cost for	30	m.		11751.13				
		Material Cost for	1	m.		391.70	391.70			391.70
		For stringing out in trench 160mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)	Each	0.333	181.86	60.56				
(iii)		Helper (Skilled worker - Lower)	Each	0.167	174.53	29.15				
		Total - II				164.09				
		Sundries @ 3% i.e. on Rs. 164.09				4.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 169.01				36.34				
		Add Labour cess @ 1% i.e. on Rs. 205.35				2.05				
		Labour for	30	m.		207.40				
		Labour for	1	m.		6.91				
		For cutting PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.00	223.36	670.08				
(ii)		Helper (Skilled worker - Upper)	Each	3.00	181.86	545.58				
		Total				1215.66				
		Sundries @ 3% i.e. on Rs. 1215.66				36.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 1252.13				269.21				
		Add Labour cess @ 1% i.e. on Rs. 1521.34				15.21				
		Labour for	100	Cuts		1536.55				
		Labour for	1	Cuts		15.37				
		For Jointing PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	12	Joints				256.10				
		Labour for	1	Joints				21.34				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	6.91	6.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	15.37	1.08				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	21.34	5.12				
		Labour For	1	m.				13.11	13.11			13.11
		Cost for	1	m.					404.81			
		Add 10% for sub mountainous region										1.31
		Labour for	1	m.								14.42
		Cost for	1	m.								406.12

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xx		200mm o/d pipe of 6 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	625.00	19687.50				
		Total - I				19687.50				
		Sundries @ 3% i.e. on Rs. 19687.5				590.63				
		Add contractor's profit @ 10% i.e. on Rs. 20278.13				2027.81				
		Add Labour cess @ 1% i.e. on Rs. 22305.94				223.06				
		Material Cost for	30	m.		22529.00				
		Material Cost for	1	m.		750.97	750.97			750.97
		For stringing out in trench 200mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
(iii)		Helper (Skilled worker - Lower)	Each	0.333	174.53	58.12				
		Total - II				260.73				
		Sundries @ 3% i.e. on Rs. 260.73				7.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 268.55				57.74				
		Add Labour cess @ 1% i.e. on Rs. 326.29				3.26				
		Labour for	30	m.		329.55				
		Labour for	1	m.		10.99				
		For cutting PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.50	223.36	781.76				
(ii)		Helper (Skilled worker - Upper)	Each	3.50	181.86	636.51				
		Total				1418.27				
		Sundries @ 3% i.e. on Rs. 1418.27				42.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 1460.82				314.08				
		Add Labour cess @ 1% i.e. on Rs. 1774.9				17.75				
		Labour for	100	Cuts		1792.65				
		Labour for	1	Cuts		17.93				
		For Jointing PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.625	181.86	113.66				
		Total						253.26				
		Sundries @ 3% i.e. on Rs. 253.26						7.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 260.86						56.08				
		Add Labour cess @ 1% i.e. on Rs. 316.94						3.17				
		Labour for	12	Joints				320.11				
		Labour for	1	Joints				26.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	10.99	10.99				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.93	1.26				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	26.68	6.40				
		Labour For	1	m.				18.65	18.65			18.65
		Cost for	1	m.					769.62			
		Add 10% for sub mountainous region										1.87
		Labour for	1	m.								20.52
		Cost for	1	m.								771.49

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxi		250mm o/d pipe of 6 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	1010.00	31815.00				
		Total - I				31815.00				
		Sundries @ 3% i.e. on Rs. 31815				954.45				
		Add contractor's profit @ 10% i.e. on Rs. 32769.45				3276.95				
		Add Labour cess @ 1% i.e. on Rs. 36046.4				360.46				
		Material Cost for	30	m.		36406.86				
		Material Cost for	1	m.		1213.56	1213.56			1213.56
		For stringing out in trench 250mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				
(ii)		Helper (Skilled worker - Upper)	Each	0.625	181.86	113.66				
(iii)		Helper (Skilled worker - Lower)	Each	0.500	174.53	87.27				
		Total - II				340.53				
		Sundries @ 3% i.e. on Rs. 340.53				10.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 350.75				75.41				
		Add Labour cess @ 1% i.e. on Rs. 426.16				4.26				
		Labour for	30	m.		430.42				
		Labour for	1	m.		14.35				
		For cutting PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)	Each	4.00	181.86	727.44				
		Total				1620.88				
		Sundries @ 3% i.e. on Rs. 1620.88				48.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 1669.51				358.94				
		Add Labour cess @ 1% i.e. on Rs. 2028.45				20.28				
		Labour for	100	Cuts		2048.73				
		Labour for	1	Cuts		20.49				
		For Jointing PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.750	223.36	167.52				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total						303.92				
		Sundries @ 3% i.e. on Rs. 303.92						9.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.04						67.30				
		Add Labour cess @ 1% i.e. on Rs. 380.34						3.80				
		Labour for	12	Joints				384.14				
		Labour for	1	Joints				32.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	14.35	14.35				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	20.49	1.43				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	32.01	7.68				
		Labour For	1	m.				23.46	23.46			23.46
		Cost for	1	m.					1237.02			
		Add 10% for sub mountainous region										2.35
		Labour for	1	m.								25.81
		Cost for	1	m.								1239.37

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
xxii		63mm o/d pipe of 4 Kgf. / sqcm										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of PVC Pipe including wastage and breakage 5%			m.	31.50	37.00	1165.50				
		Total - I						1165.50				
		Sundries @ 3% i.e. on Rs. 1165.5						34.97				
		Add contractor's profit @ 10% i.e. on Rs. 1200.47						120.05				
		Add Labour cess @ 1% i.e. on Rs. 1320.52						13.21				
		Material Cost for	30	m.				1333.73				
		Material Cost for	1	m.				44.46	44.46			44.46
		For stringing out in trench 63mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.14	223.36	31.27				
(ii)		Helper (Skilled worker - Upper)			Each	0.14	181.86	25.46				
(iii)		Helper (Skilled worker - Lower)			Each	0.070	174.53	12.22				
		Total - II						68.95				
		Sundries @ 3% i.e. on Rs. 68.95						2.07				
		Add contractor's profit @ 21.50% i.e. on Rs. 71.02						15.27				
		Add Labour cess @ 1% i.e. on Rs. 86.29						0.86				
		Labour for	30	m.				87.15				
		Labour for	1	m.				2.91				
		For cutting PVC Pipe 63mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	1.25	223.36	279.20				
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						370.13				
		Sundries @ 3% i.e. on Rs. 370.13						11.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 381.23						81.96				
		Add Labour cess @ 1% i.e. on Rs. 463.19						4.63				
		Labour for	100	Cuts				467.82				
		Labour for	1	Cuts				4.68				
		For Jointing PVC Pipe 63mm i/d										
		Labour										
		Taking Output :-	28	Joints								
(i)		Fitter Pipe (Ist Class)			Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	28	Joints				256.10				
		Labour for	1	Joints				9.15				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.91	2.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4.68	0.33				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	9.15	2.20				
		Labour For	1	m.				5.44	5.44			5.44
		Cost for	1	m.					49.90			
		Add 10% for sub mountainous region										0.54
		Labour for	1	m.								5.98
		Cost for	1	m.								50.44

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
xxiii		75mm o/d pipe of 4 Kg. / sqcm										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of PVC Pipe including wastage and breakage 5%			m.	31.50	52.00	1638.00				
		Total - I						1638.00				
		Sundries @ 3% i.e. on Rs. 1638						49.14				
		Add contractor's profit @ 10% i.e. on Rs. 1687.14						168.71				
		Add Labour cess @ 1% i.e. on Rs. 1855.85						18.56				
		Material Cost for	30	m.				1874.41				
		Material Cost for	1	m.				62.48	62.48			62.48
		For stringing out in trench 75mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.167	223.36	37.30				
(ii)		Helper (Skilled worker - Upper)			Each	0.167	181.86	30.37				
(iii)		Helper (Skilled worker - Lower)			Each	0.083	174.53	14.49				
		Total - II						82.16				
		Sundries @ 3% i.e. on Rs. 82.16						2.46				
		Add contractor's profit @ 21.50% i.e. on Rs. 84.62						18.19				
		Add Labour cess @ 1% i.e. on Rs. 102.81						1.03				
		Labour for	30	m.				103.84				
		Labour for	1	m.				3.46				
		For cutting PVC Pipe 75mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	1.50	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.50	181.86	272.79				
		Total						607.83				
		Sundries @ 3% i.e. on Rs. 607.83						18.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 626.06						134.60				
		Add Labour cess @ 1% i.e. on Rs. 760.66						7.61				
		Labour for	100	Cuts				768.27				
		Labour for	1	Cuts				7.68				
		For Jointing PVC Pipe 75mm i/d										
		Labour										
		Taking Output :-	24	Joints								
(i)		Fitter Pipe (Ist Class)			Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	24	Joints				256.10				
		Labour for	1	Joints				10.67				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	3.46	3.46				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	7.68	0.54				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	10.67	2.56				
		Labour For	1	m.				6.56	6.56			6.56
		Cost for	1	m.					69.04			
		Add 10% for sub mountainous region										0.66
		Labour for	1	m.								7.22
		Cost for	1	m.								69.70

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxiv		90mm o/d pipe of 4 Kg. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	73.00	2299.50				
		Total - I				2299.50				
		Sundries @ 3% i.e. on Rs. 2299.5				68.99				
		Add contractor's profit @ 10% i.e. on Rs. 2368.49				236.85				
		Add Labour cess @ 1% i.e. on Rs. 2605.34				26.05				
		Material Cost for	30	m.		2631.39				
		Material Cost for	1	m.		87.71	87.71			87.71
		For stringing out in trench 90mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.20	223.36	44.67				
(ii)		Helper (Skilled worker - Upper)	Each	0.20	181.86	36.37				
(iii)		Helper (Skilled worker - Lower)	Each	0.10	174.53	17.45				
		Total - II				98.49				
		Sundries @ 3% i.e. on Rs. 98.49				2.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 101.44				21.81				
		Add Labour cess @ 1% i.e. on Rs. 123.25				1.23				
		Labour for	30	m.		124.48				
		Labour for	1	m.		4.15				
		For cutting PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.75	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)	Each	1.75	181.86	318.26				
		Total				709.14				
		Sundries @ 3% i.e. on Rs. 709.14				21.27				
		Add contractor's profit @ 21.50% i.e. on Rs. 730.41				157.04				
		Add Labour cess @ 1% i.e. on Rs. 887.45				8.87				
		Labour for	100	Cuts		896.32				
		Labour for	1	Cuts		8.96				
		For Jointing PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	20	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	20	Joints				256.10				
		Labour for	1	Joints				12.81				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.15	4.15				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	8.96	0.63				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	12.81	3.07				
		Labour For	1	m.				7.85	7.85			7.85
		Cost for	1	m.					95.56			
		Add 10% for sub mountainous region										0.79
		Labour for	1	m.								8.64
		Cost for	1	m.								96.35

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxv		110mm o/d pipe of 4 Kg. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	105.00	3307.50				
		Total - I				3307.50				
		Sundries @ 3% i.e. on Rs. 3307.5				99.23				
		Add contractor's profit @ 10% i.e. on Rs. 3406.73				340.67				
		Add Labour cess @ 1% i.e. on Rs. 3747.4				37.47				
		Material Cost for	30	m.		3784.87				
		Material Cost for	1	m.		126.16	126.16			126.16
		For stringing out in trench 110mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.25	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)	Each	0.25	181.86	45.47				
(iii)		Helper (Skilled worker - Lower)	Each	0.125	174.53	21.82				
		Total - II				123.13				
		Sundries @ 3% i.e. on Rs. 123.13				3.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 126.82				27.27				
		Add Labour cess @ 1% i.e. on Rs. 154.09				1.54				
		Labour for	30	m.		155.63				
		Labour for	1	m.		5.19				
		For cutting PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	2.25	223.36	502.56				
(ii)		Helper (Skilled worker - Upper)	Each	2.25	181.86	409.19				
		Total				911.75				
		Sundries @ 3% i.e. on Rs. 911.75				27.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 939.1				201.91				
		Add Labour cess @ 1% i.e. on Rs. 1141.01				11.41				
		Labour for	100	Cuts		1152.42				
		Labour for	1	Cuts		11.52				
		For Jointing PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	16	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	16	Joints				256.10				
		Labour for	1	Joints				16.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.19	5.19				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	11.52	0.81				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	16.01	3.84				
		Labour For	1	m.				9.84	9.84			9.84
		Cost for	1	m.					136.00			
		Add 10% for sub mountainous region										0.98
		Labour for	1	m.								10.82
		Cost for	1	m.								136.98

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxvi		160mm o/d pipe of 4 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	225.00	7087.50				
		Total - I				7087.50				
		Sundries @ 3% i.e. on Rs. 7087.5				212.63				
		Add contractor's profit @ 10% i.e. on Rs. 7300.13				730.01				
		Add Labour cess @ 1% i.e. on Rs. 8030.14				80.30				
		Material Cost for	30	m.		8110.44				
		Material Cost for	1	m.		270.35	270.35			270.35
		For stringing out in trench 160mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)	Each	0.333	181.86	60.56				
(iii)		Helper (Skilled worker - Lower)	Each	0.167	174.53	29.15				
		Total - II				164.09				
		Sundries @ 3% i.e. on Rs. 164.09				4.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 169.01				36.34				
		Add Labour cess @ 1% i.e. on Rs. 205.35				2.05				
		Labour for	30	m.		207.40				
		Labour for	1	m.		6.91				
		For cutting PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.00	223.36	670.08				
(ii)		Helper (Skilled worker - Upper)	Each	3.00	181.86	545.58				
		Total				1215.66				
		Sundries @ 3% i.e. on Rs. 1215.66				36.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 1252.13				269.21				
		Add Labour cess @ 1% i.e. on Rs. 1521.34				15.21				
		Labour for	100	Cuts		1536.55				
		Labour for	1	Cuts		15.37				
		For Jointing PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	12	Joints				256.10				
		Labour for	1	Joints				21.34				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	6.91	6.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	15.37	1.08				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	21.34	5.12				
		Labour For	1	m.				13.11	13.11			13.11
		Cost for	1	m.					283.46			
		Add 10% for sub mountainous region										1.31
		Labour for	1	m.								14.42
		Cost for	1	m.								284.77

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxvii		200mm o/d pipe of 4 Kg. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	426.00	13419.00				
		Total - I				13419.00				
		Sundries @ 3% i.e. on Rs. 13419				402.57				
		Add contractor's profit @ 10% i.e. on Rs. 13821.57				1382.16				
		Add Labour cess @ 1% i.e. on Rs. 15203.73				152.04				
		Material Cost for	30	m.		15355.77				
		Material Cost for	1	m.		511.86	511.86			511.86
		For stringing out in trench 200mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
(iii)		Helper (Skilled worker - Lower)	Each	0.333	174.53	58.12				
		Total - II				260.73				
		Sundries @ 3% i.e. on Rs. 260.73				7.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 268.55				57.74				
		Add Labour cess @ 1% i.e. on Rs. 326.29				3.26				
		Labour for	30	m.		329.55				
		Labour for	1	m.		10.99				
		For cutting PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.50	223.36	781.76				
(ii)		Helper (Skilled worker - Upper)	Each	3.50	181.86	636.51				
		Total				1418.27				
		Sundries @ 3% i.e. on Rs. 1418.27				42.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 1460.82				314.08				
		Add Labour cess @ 1% i.e. on Rs. 1774.9				17.75				
		Labour for	100	Cuts		1792.65				
		Labour for	1	Cuts		17.93				
		For Jointing PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.625	181.86	113.66				
		Total						253.26				
		Sundries @ 3% i.e. on Rs. 253.26						7.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 260.86						56.08				
		Add Labour cess @ 1% i.e. on Rs. 316.94						3.17				
		Labour for	12	Joints				320.11				
		Labour for	1	Joints				26.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	10.99	10.99				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.93	1.26				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	26.68	6.40				
		Labour For	1	m.				18.65	18.65			18.65
		Cost for	1	m.					530.51			
		Add 10% for sub mountainous region										1.87
		Labour for	1	m.								20.52
		Cost for	1	m.								532.38

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxviii		250mm o/d pipe of 4 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	685.00	21577.50				
		Total - I				21577.50				
		Sundries @ 3% i.e. on Rs. 21577.5				647.33				
		Add contractor's profit @ 10% i.e. on Rs. 22224.83				2222.48				
		Add Labour cess @ 1% i.e. on Rs. 24447.31				244.47				
		Material Cost for	30	m.		24691.78				
		Material Cost for	1	m.		823.06	823.06			823.06
		For stringing out in trench 250mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				
(ii)		Helper (Skilled worker - Upper)	Each	0.625	181.86	113.66				
(iii)		Helper (Skilled worker - Lower)	Each	0.500	174.53	87.27				
		Total - II				340.53				
		Sundries @ 3% i.e. on Rs. 340.53				10.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 350.75				75.41				
		Add Labour cess @ 1% i.e. on Rs. 426.16				4.26				
		Labour for	30	m.		430.42				
		Labour for	1	m.		14.35				
		For cutting PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)	Each	4.00	181.86	727.44				
		Total				1620.88				
		Sundries @ 3% i.e. on Rs. 1620.88				48.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 1669.51				358.94				
		Add Labour cess @ 1% i.e. on Rs. 2028.45				20.28				
		Labour for	100	Cuts		2048.73				
		Labour for	1	Cuts		20.49				
		For Jointing PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.750	223.36	167.52				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total						303.92				
		Sundries @ 3% i.e. on Rs. 303.92						9.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.04						67.30				
		Add Labour cess @ 1% i.e. on Rs. 380.34						3.80				
		Labour for	12	Joints				384.14				
		Labour for	1	Joints				32.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	14.35	14.35				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	20.49	1.43				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	32.01	7.68				
		Labour For	1	m.				23.46	23.46			23.46
		Cost for	1	m.					846.52			
		Add 10% for sub mountainous region										2.35
		Labour for	1	m.								25.81
		Cost for	1	m.								848.87

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxix		90mm o/d pipe of 2.5 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	46.00	1449.00				
		Total - I				1449.00				
		Sundries @ 3% i.e. on Rs. 1449				43.47				
		Add contractor's profit @ 10% i.e. on Rs. 1492.47				149.25				
		Add Labour cess @ 1% i.e. on Rs. 1641.72				16.42				
		Material Cost for	30	m.		1658.14				
		Material Cost for	1	m.		55.27	55.27			55.27
		For stringing out in trench 90mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.20	223.36	44.67				
(ii)		Helper (Skilled worker - Upper)	Each	0.20	181.86	36.37				
(iii)		Helper (Skilled worker - Lower)	Each	0.10	174.53	17.45				
		Total - II				98.49				
		Sundries @ 3% i.e. on Rs. 98.49				2.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 101.44				21.81				
		Add Labour cess @ 1% i.e. on Rs. 123.25				1.23				
		Labour for	30	m.		124.48				
		Labour for	1	m.		4.15				
		For cutting PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.75	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)	Each	1.75	181.86	318.26				
		Total				709.14				
		Sundries @ 3% i.e. on Rs. 709.14				21.27				
		Add contractor's profit @ 21.50% i.e. on Rs. 730.41				157.04				
		Add Labour cess @ 1% i.e. on Rs. 887.45				8.87				
		Labour for	100	Cuts		896.32				
		Labour for	1	Cuts		8.96				
		For Jointing PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	20	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	20	Joints				256.10				
		Labour for	1	Joints				12.81				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.15	4.15				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	8.96	0.63				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	12.81	3.07				
		Labour For	1	m.				7.85	7.85			7.85
		Cost for	1	m.					63.12			
		Add 10% for sub mountainous region										0.79
		Labour for	1	m.								8.64
		Cost for	1	m.								63.91

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
xxx		110mm o/d pipe of 2.5 Kgf. / sqcm										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of PVC Pipe including wastage and breakage 5%			m.	31.50	68.00	2142.00				
		Total - I						2142.00				
		Sundries @ 3% i.e. on Rs. 2142						64.26				
		Add contractor's profit @ 10% i.e. on Rs. 2206.26						220.63				
		Add Labour cess @ 1% i.e. on Rs. 2426.89						24.27				
		Material Cost for	30	m.				2451.16				
		Material Cost for	1	m.				81.71	81.71			81.71
		For stringing out in trench 110mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.25	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)			Each	0.25	181.86	45.47				
(iii)		Helper (Skilled worker - Lower)			Each	0.125	174.53	21.82				
		Total - II						123.13				
		Sundries @ 3% i.e. on Rs. 123.13						3.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 126.82						27.27				
		Add Labour cess @ 1% i.e. on Rs. 154.09						1.54				
		Labour for	30	m.				155.63				
		Labour for	1	m.				5.19				
		For cutting PVC Pipe 110mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	2.25	223.36	502.56				
(ii)		Helper (Skilled worker - Upper)			Each	2.25	181.86	409.19				
		Total						911.75				
		Sundries @ 3% i.e. on Rs. 911.75						27.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 939.1						201.91				
		Add Labour cess @ 1% i.e. on Rs. 1141.01						11.41				
		Labour for	100	Cuts				1152.42				
		Labour for	1	Cuts				11.52				
		For Jointing PVC Pipe 110mm i/d										
		Labour										
		Taking Output :-	16	Joints								
(i)		Fitter Pipe (Ist Class)			Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	16	Joints				256.10				
		Labour for	1	Joints				16.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.19	5.19				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	11.52	0.81				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	16.01	3.84				
		Labour For	1	m.				9.84	9.84			9.84
		Cost for	1	m.					91.55			
		Add 10% for sub mountainous region										0.98
		Labour for	1	m.								10.82
		Cost for	1	m.								92.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxxi		160mm o/d pipe of 2.5 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	143.00	4504.50				
		Total - I				4504.50				
		Sundries @ 3% i.e. on Rs. 4504.5				135.14				
		Add contractor's profit @ 10% i.e. on Rs. 4639.64				463.96				
		Add Labour cess @ 1% i.e. on Rs. 5103.6				51.04				
		Material Cost for	30	m.		5154.64				
		Material Cost for	1	m.		171.82	171.82			171.82
		For stringing out in trench 160mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)	Each	0.333	181.86	60.56				
(iii)		Helper (Skilled worker - Lower)	Each	0.167	174.53	29.15				
		Total - II				164.09				
		Sundries @ 3% i.e. on Rs. 164.09				4.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 169.01				36.34				
		Add Labour cess @ 1% i.e. on Rs. 205.35				2.05				
		Labour for	30	m.		207.40				
		Labour for	1	m.		6.91				
		For cutting PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.00	223.36	670.08				
(ii)		Helper (Skilled worker - Upper)	Each	3.00	181.86	545.58				
		Total				1215.66				
		Sundries @ 3% i.e. on Rs. 1215.66				36.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 1252.13				269.21				
		Add Labour cess @ 1% i.e. on Rs. 1521.34				15.21				
		Labour for	100	Cuts		1536.55				
		Labour for	1	Cuts		15.37				
		For Jointing PVC Pipe 160mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total						202.61				
		Sundries @ 3% i.e. on Rs. 202.61						6.08				
		Add contractor's profit @ 21.50% i.e. on Rs. 208.69						44.87				
		Add Labour cess @ 1% i.e. on Rs. 253.56						2.54				
		Labour for	12	Joints				256.10				
		Labour for	1	Joints				21.34				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	6.91	6.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	15.37	1.08				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	21.34	5.12				
		Labour For	1	m.				13.11	13.11			13.11
		Cost for	1	m.					184.93			
		Add 10% for sub mountainous region										1.31
		Labour for	1	m.								14.42
		Cost for	1	m.								186.24

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxxii		200mm o/d pipe of 2.5 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	278.00	8757.00				
		Total - I				8757.00				
		Sundries @ 3% i.e. on Rs. 8757				262.71				
		Add contractor's profit @ 10% i.e. on Rs. 9019.71				901.97				
		Add Labour cess @ 1% i.e. on Rs. 9921.68				99.22				
		Material Cost for	30	m.		10020.90				
		Material Cost for	1	m.		334.03	334.03			334.03
		For stringing out in trench 200mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)	Each	0.500	181.86	90.93				
(iii)		Helper (Skilled worker - Lower)	Each	0.333	174.53	58.12				
		Total - II				260.73				
		Sundries @ 3% i.e. on Rs. 260.73				7.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 268.55				57.74				
		Add Labour cess @ 1% i.e. on Rs. 326.29				3.26				
		Labour for	30	m.		329.55				
		Labour for	1	m.		10.99				
		For cutting PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	3.50	223.36	781.76				
(ii)		Helper (Skilled worker - Upper)	Each	3.50	181.86	636.51				
		Total				1418.27				
		Sundries @ 3% i.e. on Rs. 1418.27				42.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 1460.82				314.08				
		Add Labour cess @ 1% i.e. on Rs. 1774.9				17.75				
		Labour for	100	Cuts		1792.65				
		Labour for	1	Cuts		17.93				
		For Jointing PVC Pipe 200mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.625	181.86	113.66				
		Total						253.26				
		Sundries @ 3% i.e. on Rs. 253.26						7.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 260.86						56.08				
		Add Labour cess @ 1% i.e. on Rs. 316.94						3.17				
		Labour for	12	Joints				320.11				
		Labour for	1	Joints				26.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	10.99	10.99				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.93	1.26				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	26.68	6.40				
		Labour For	1	m.				18.65	18.65			18.65
		Cost for	1	m.					352.68			
		Add 10% for sub mountainous region										1.87
		Labour for	1	m.								20.52
		Cost for	1	m.								354.55

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
xxxiii		250mm o/d pipe of 2.5 Kgf. / sqcm								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of PVC Pipe including wastage and breakage 5%	m.	31.50	452.00	14238.00				
		Total - I				14238.00				
		Sundries @ 3% i.e. on Rs. 14238				427.14				
		Add contractor's profit @ 10% i.e. on Rs. 14665.14				1466.51				
		Add Labour cess @ 1% i.e. on Rs. 16131.65				161.32				
		Material Cost for	30	m.		16292.97				
		Material Cost for	1	m.		543.10	543.10			543.10
		For stringing out in trench 250mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)	Each	0.625	223.36	139.60				
(ii)		Helper (Skilled worker - Upper)	Each	0.625	181.86	113.66				
(iii)		Helper (Skilled worker - Lower)	Each	0.500	174.53	87.27				
		Total - II				340.53				
		Sundries @ 3% i.e. on Rs. 340.53				10.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 350.75				75.41				
		Add Labour cess @ 1% i.e. on Rs. 426.16				4.26				
		Labour for	30	m.		430.42				
		Labour for	1	m.		14.35				
		For cutting PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)	Each	4.00	181.86	727.44				
		Total				1620.88				
		Sundries @ 3% i.e. on Rs. 1620.88				48.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 1669.51				358.94				
		Add Labour cess @ 1% i.e. on Rs. 2028.45				20.28				
		Labour for	100	Cuts		2048.73				
		Labour for	1	Cuts		20.49				
		For Jointing PVC Pipe 250mm i/d								
		Labour								
		Taking Output :-	12	Joints						
(i)		Fitter Pipe (Ist Class)	Each	0.750	223.36	167.52				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total						303.92				
		Sundries @ 3% i.e. on Rs. 303.92						9.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.04						67.30				
		Add Labour cess @ 1% i.e. on Rs. 380.34						3.80				
		Labour for	12	Joints				384.14				
		Labour for	1	Joints				32.01				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	14.35	14.35				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	20.49	1.43				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	32.01	7.68				
		Labour For	1	m.				23.46	23.46			23.46
		Cost for	1	m.					566.56			
		Add 10% for sub mountainous region										2.35
		Labour for	1	m.								25.81
		Cost for	1	m.								568.91

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.13		Providing, Stringing out H.D.P.E. Pipes as per ISI - 4984 casting along the Trenches and laying the same in Trenches to correct alignment and gradients, cutting, jointing and testing including cost of specials complete as per specifications.								
i		90mm o/d pipe of 6 Kg. PE-63								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of H.D.P.E. Pipe including wastage and breakage 5%	m.	31.50	364.00	11466.00				
		Total - I				11466.00				
		Sundries @ 3% i.e. on Rs. 11466				343.98				
		Add contractor's profit @ 10% i.e. on Rs. 11809.98				1181.00				
		Add Labour cess @ 1% i.e. on Rs. 12990.98				129.91				
		Material Cost for	30	m.		13120.89				
		Material Cost for	1	m.		437.36	437.36			437.36
		For stringing out in trench 90mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)		Each	0.222	223.36	49.59			
(ii)		Helper (Skilled worker - Upper)		Each	0.222	181.86	40.37			
(iii)		Helper (Skilled worker - Lower)		Each	0.111	174.53	19.37			
		Total - II					109.33			
		Sundries @ 3% i.e. on Rs. 109.33					3.28			
		Add contractor's profit @ 21.50% i.e. on Rs. 112.61					24.21			
		Add Labour cess @ 1% i.e. on Rs. 136.82					1.37			
		Labour for	30	m.			138.19			
		Labour for	1	m.			4.61			
		For cutting PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	2.00	223.36	446.72			
(ii)		Helper (Skilled worker - Upper)		Each	2.00	181.86	363.72			
		Total					810.44			
		Sundries @ 3% i.e. on Rs. 810.44					24.31			
		Add contractor's profit @ 21.50% i.e. on Rs. 834.75					179.47			
		Add Labour cess @ 1% i.e. on Rs. 1014.22					10.14			
		Labour for	100	Cuts			1024.36			
		Labour for	1	Cuts			10.24			

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		For Jointing PVC Pipe 90mm i/d								
		Labour								
		Taking Output :-	100	Joints						
(i)		Fitter Pipe (Ist Class)	Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)	Each	8.00	181.86	1454.88				
		Total				2348.32				
		Sundries @ 3% i.e. on Rs. 2348.32				70.45				
		Add contractor's profit @ 21.50% i.e. on Rs. 2418.77				520.04				
		Add Labour cess @ 1% i.e. on Rs. 2938.81				29.39				
		Labour for	100	Joints		2968.20				
		Labour for	1	Joints		29.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.	m.	1.00	4.61	4.61				
		Cutting of pipe taking 7 cut per 100 m.	Each	0.07	10.24	0.72				
		Jointig pipe taking 24 joint per 100 m.	Each	0.24	29.68	7.12				
		Labour For	1	m.		12.45	12.45			12.45
		Cost for	1	m.			449.81			
		Add 10% for sub mountainous region								1.25
		Labour for	1	m.						13.70
		Cost for	1	m.						451.06

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
ii		110mm o/d pipe of 6 Kg. PE-63										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of H.D.P.E. Pipe including wastage and breakage 5%			m.	31.50	540.00	17010.00				
		Total - I						17010.00				
		Sundries @ 3% i.e. on Rs. 17010						510.30				
		Add contractor's profit @ 10% i.e. on Rs. 17520.3						1752.03				
		Add Labour cess @ 1% i.e. on Rs. 19272.33						192.72				
		Material Cost for	30	m.				19465.05				
		Material Cost for	1	m.				648.84	648.84			648.84
		For stringing out in trench 110mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.286	223.36	63.88				
(ii)		Helper (Skilled worker - Upper)			Each	0.286	181.86	52.01				
(iii)		Helper (Skilled worker - Lower)			Each	0.143	174.53	24.93				
		Total - II						140.82				
		Sundries @ 3% i.e. on Rs. 140.82						4.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 145.04						31.18				
		Add Labour cess @ 1% i.e. on Rs. 176.22						1.76				
		Labour for	30	m.				177.98				
		Labour for	1	m.				5.93				
		For cutting PVC Pipe 110mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	2.625	223.36	586.32				
(ii)		Helper (Skilled worker - Upper)			Each	2.625	181.86	477.38				
		Total						1063.70				
		Sundries @ 3% i.e. on Rs. 1063.7						31.91				
		Add contractor's profit @ 21.50% i.e. on Rs. 1095.61						235.56				
		Add Labour cess @ 1% i.e. on Rs. 1331.17						13.31				
		Labour for	100	Cuts				1344.48				
		Labour for	1	Cuts				13.44				
		For Jointing PVC Pipe 110mm i/d										
		Labour										
		Taking Output :-	80	Joints								

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(i)		Fitter Pipe (1st Class)			Each	4.00	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	8.00	181.86	1454.88				
		Total						2348.32				
		Sundries @ 3% i.e. on Rs. 2348.32						70.45				
		Add contractor's profit @ 21.50% i.e. on Rs. 2418.77						520.04				
		Add Labour cess @ 1% i.e. on Rs. 2938.81						29.39				
		Labour for	80	Joints				2968.20				
		Labour for	1	Joints				37.10				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.93	5.93				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	13.44	0.94				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	37.10	8.90				
		Labour For	1	m.				15.77	15.77			15.77
		Cost for	1	m.					664.61			
		Add 10% for sub mountainous region										1.58
		Labour for	1	m.								17.35
		Cost for	1	m.								666.19

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
iii		90mm o/d pipe of 4 Kg. PE-63										
		Unit :-	1	m.								
		Taking output :-	30	m.								
(I)		Material										
(i)		Supply of H.D.P.E. Pipe including wastage and breakage 5%			m.	31.50	257.00	8095.50				
		Total - I						8095.50				
		Sundries @ 3% i.e. on Rs. 8095.5						242.87				
		Add contractor's profit @ 10% i.e. on Rs. 8338.37						833.84				
		Add Labour cess @ 1% i.e. on Rs. 9172.21						91.72				
		Material Cost for	30	m.				9263.93				
		Material Cost for	1	m.				308.80	308.80			308.80
		For stringing out in trench 90mm i/d										
(II)		Labour										
		Taking output :-	30	m.								
(i)		Fitter Pipe (Ist Class)			Each	0.222	223.36	49.59				
(ii)		Helper (Skilled worker - Upper)			Each	0.222	181.86	40.37				
(iii)		Helper (Skilled worker - Lower)			Each	0.111	174.53	19.37				
		Total - II						109.33				
		Sundries @ 3% i.e. on Rs. 109.33						3.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 112.61						24.21				
		Add Labour cess @ 1% i.e. on Rs. 136.82						1.37				
		Labour for	30	m.				138.19				
		Labour for	1	m.				4.61				
		For cutting PVC Pipe 90mm i/d										
		Labour										
		Taking Output :-	100	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
(ii)		Helper (Skilled worker - Upper)			Each	2.00	181.86	363.72				
		Total						810.44				
		Sundries @ 3% i.e. on Rs. 810.44						24.31				
		Add contractor's profit @ 21.50% i.e. on Rs. 834.75						179.47				
		Add Labour cess @ 1% i.e. on Rs. 1014.22						10.14				
		Labour for	100	Cuts				1024.36				
		Labour for	1	Cuts				10.24				
		For Jointing PVC Pipe 90mm i/d										
		Labour										
		Taking Output :-	100	Joints								
(i)		Fitter Pipe (Ist Class)			Each	4.00	223.36	893.44				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	8.00	181.86	1454.88				
		Total						2348.32				
		Sundries @ 3% i.e. on Rs. 2348.32						70.45				
		Add contractor's profit @ 21.50% i.e. on Rs. 2418.77						520.04				
		Add Labour cess @ 1% i.e. on Rs. 2938.81						29.39				
		Labour for	100	Joints				2968.20				
		Labour for	1	Joints				29.68				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.61	4.61				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	10.24	0.72				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	29.68	7.12				
		Labour For	1	m.				12.45	12.45			12.45
		Cost for	1	m.					321.25			
		Add 10% for sub mountainous region										1.25
		Labour for	1	m.								13.70
		Cost for	1	m.								322.50

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
iv		110mm o/d pipe of 4 Kg. PE-63								
		Unit :-	1	m.						
		Taking output :-	30	m.						
(I)		Material								
(i)		Supply of H.D.P.E. Pipe including wastage and breakage 5%	m.	31.50	384.00	12096.00				
		Total - I				12096.00				
		Sundries @ 3% i.e. on Rs. 12096				362.88				
		Add contractor's profit @ 10% i.e. on Rs. 12458.88				1245.89				
		Add Labour cess @ 1% i.e. on Rs. 13704.77				137.05				
		Material Cost for	30	m.		13841.82				
		Material Cost for	1	m.		461.39	461.39			461.39
		For stringing out in trench 110mm i/d								
(II)		Labour								
		Taking output :-	30	m.						
(i)		Fitter Pipe (Ist Class)			Each	0.286	223.36	63.88		
(ii)		Helper (Skilled worker - Upper)			Each	0.286	181.86	52.01		
(iii)		Helper (Skilled worker - Lower)			Each	0.143	174.53	24.93		
		Total - II					140.82			
		Sundries @ 3% i.e. on Rs. 140.82					4.22			
		Add contractor's profit @ 21.50% i.e. on Rs. 145.04					31.18			
		Add Labour cess @ 1% i.e. on Rs. 176.22					1.76			
		Labour for	30	m.			177.98			
		Labour for	1	m.			5.93			
		For cutting PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	100	Cuts						
(i)		Fitter Pipe (Ist Class)			Each	2.625	223.36	586.32		
(ii)		Helper (Skilled worker - Upper)			Each	2.625	181.86	477.38		
		Total					1063.70			
		Sundries @ 3% i.e. on Rs. 1063.7					31.91			
		Add contractor's profit @ 21.50% i.e. on Rs. 1095.61					235.56			
		Add Labour cess @ 1% i.e. on Rs. 1331.17					13.31			
		Labour for	100	Cuts			1344.48			
		Labour for	1	Cuts			13.44			
		For Jointing PVC Pipe 110mm i/d								
		Labour								
		Taking Output :-	80	Joints						
(i)		Fitter Pipe (Ist Class)			Each	4.00	223.36	893.44		

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(ii)		Helper (Skilled worker - Upper)			Each	8.00	181.86	1454.88				
		Total						2348.32				
		Sundries @ 3% i.e. on Rs. 2348.32						70.45				
		Add contractor's profit @ 21.50% i.e. on Rs. 2418.77						520.04				
		Add Labour cess @ 1% i.e. on Rs. 2938.81						29.39				
		Labour for	80	Joints				2968.20				
		Labour for	1	Joints				37.10				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	5.93	5.93				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	13.44	0.94				
		Jointig pipe taking 24 joint per 100 m.			Each	0.24	37.10	8.90				
		Labour For	1	m.				15.77	15.77			15.77
		Cost for	1	m.					477.16			
		Add 10% for sub mountainous region										1.58
		Labour for	1	m.								17.35
		Cost for	1	m.								478.74

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.14	Cutting cast Iron pipes and specials and chipping or filing the surface to a uniform finish :----			DELETED and replaced with new					
	28.15	Cutting A.C. Pipes and specials and chipping or filling the cut surface to a Uniform Finish.			DELETED and replaced with new					
28.16		Cutting P.V.C. pipes and specials and Chipping or Filling the cut surface to a Uniform Finish.			DELETED					
28.17		Cutting H.D.P.E. pipes and specials and Chipping and Filling the cut surface to a Uniform Finish.			DELETED					

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.14		Providing, Stringing out, cutting, Jointing and testing of Quick Coupling pipe IS 11722/86 and laying the same in trenches to correct alignment and gradients, jointed with coupler fitted including cost of specials and all cartage complete.								
		Quick Coupling Jointing pipe IS 11722/86								
a		50.80mm o/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output :-	100	m.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	251.60	25663.20			
		Add cost of specials @ 10%					2566.32			
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material					1411.48			
		Total - I					29641.00			
		Sundries @ 3% i.e. on Rs. 29641					889.23			
		Add contractor's profit @ 10% i.e. on Rs. 30530.23					3053.02			
		Add Labour cess @ 1% i.e. on Rs. 33583.25					335.83			
		Material cost for	100.00	m.			33919.08			
		Material cost for	1.00	m.			339.19	339.19		339.19
		For stringing out in trench								
		Labour								
		Taking Output :-	300	m.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	2.00	181.86	363.72			
		Total					587.08			
		Sundries @ 3% i.e. on Rs. 587.08					17.61			
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69					130.01			
		Add Labour cess @ 1% i.e. on Rs. 734.7					7.35			
		Labour for	300	m.			742.05			
		Labour for	1	m.			2.47			
		For cutting Q.C. Pipe								
		Labour								
		Taking Output :-	145	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(ii)		Mazdoor (Skilled - Upper)	Each	2.00	164.69	329.38				
		Total				552.74				
		Sundries @ 3% i.e. on Rs. 552.74				16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32				122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72				6.92				
		Labour for 145 Cuts				698.64				
		Labour for 1 Cuts				4.82				
		For Jointing Q.C. Pipe								
		Labour								
		Taking Output :-								
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	1.00	164.69	164.69				
		Total				388.05				
		Sundries @ 3% i.e. on Rs. 388.05				11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69				85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62				4.86				
		Labour for 52 Joints				490.48				
		Labour for 1 Joints				9.43				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.	m.	1.00	2.47	2.47				
		Cutting of pipe taking 7 cut per 100 m.	Each	0.07	4.82	0.34				
		Jointig pipe taking 41 joint per 100 m.	Each	0.41	9.43	3.87				
		Labour For 1 m.				6.68	6.68			6.68
		Cost for 1 m.					345.87			
		Add 10% for sub mountainous region								0.67
		Labour for 1 m.								7.35
		Cost for 1 m.								346.54

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		63.50mm o/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output :-	100	m.								
(l)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	328.48	33504.96				
		Add cost of specials @ 10%						3350.50				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material						1842.77				
		Total - I						38698.23				
		Sundries @ 3% i.e. on Rs. 38698.23						1160.95				
		Add contractor's profit @ 10% i.e. on Rs. 39859.18						3985.92				
		Add Labour cess @ 1% i.e. on Rs. 43845.1						438.45				
		Material cost for	100.00	m.				44283.55				
		Material cost for	1.00	m.				442.84	442.84			442.84
		For stringing out in trench										
		Labour										
		Taking Output :-	300	m.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	2.00	181.86	363.72				
		Total						587.08				
		Sundries @ 3% i.e. on Rs. 587.08						17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69						130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7						7.35				
		Labour for	300	m.				742.05				
		Labour for	1	m.				2.47				
		For cutting Q.C. Pipe										
		Labour										
		Taking Output :-	135	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	2.00	164.69	329.38				
		Total						552.74				
		Sundries @ 3% i.e. on Rs. 552.74						16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32						122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72						6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	135	Cuts				698.64				
		Labour for	1	Cuts				5.18				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	50	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	50	Joints				490.48				
		Labour for	1	Joints				9.81				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.47	2.47				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	5.18	0.36				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	9.81	4.02				
		Labour For	1	m.				6.85	6.85			6.85
		Cost for	1	m.					449.69			
		Add 10% for sub mountainous region										0.69
		Labour for	1	m.								7.54
		Cost for	1	m.								450.38

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		76.20mm o/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output :-	100	m.						
(l)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	364.84	37213.68				
		Add cost of specials @ 10%				3721.37				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material				2046.75				
		Total - I				42981.80				
		Sundries @ 3% i.e. on Rs. 42981.8				1289.45				
		Add contractor's profit @ 10% i.e. on Rs. 44271.25				4427.13				
		Add Labour cess @ 1% i.e. on Rs. 48698.38				486.98				
		Material cost for	100.00	m.		49185.36				
		Material cost for	1.00	m.		491.85	491.85			491.85
		For stringing out in trench								
		Labour								
		Taking Output :-	300	m.						
(i)		Fitter Pipe (Ist Class)								
(ii)		Helper (Skilled worker - Upper)			Each	1.00	223.36	223.36		
		Total			Each	2.00	181.86	363.72		
		Sundries @ 3% i.e. on Rs. 587.08					587.08			
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69					17.61			
		Add Labour cess @ 1% i.e. on Rs. 734.7					130.01			
		Labour for	300	m.			7.35			
		Labour for	1	m.			742.05			
		For cutting Q.C. Pipe					2.47			
		Labour								
		Taking Output :-	120	Cuts						
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36		
(ii)		Mazdoor (Skilled - Upper)			Each	2.00	164.69	329.38		
		Total					552.74			
		Sundries @ 3% i.e. on Rs. 552.74					16.58			
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32					122.40			
		Add Labour cess @ 1% i.e. on Rs. 691.72					6.92			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	120	Cuts				698.64				
		Labour for	1	Cuts				5.82				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	48	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	48	Joints				490.48				
		Labour for	1	Joints				10.22				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.47	2.47				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	5.82	0.41				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	10.22	4.19				
		Labour For	1	m.				7.07	7.07			7.07
		Cost for	1	m.					498.92			
		Add 10% for sub mountainous region										0.71
		Labour for	1	m.								7.78
		Cost for	1	m.								499.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		101.60mm o/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output :-	100	m.								
(l)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	481.16	49078.32				
		Add cost of specials @ 10%						4907.83				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material						2699.31				
		Total - I						56685.46				
		Sundries @ 3% i.e. on Rs. 56685.46						1700.56				
		Add contractor's profit @ 10% i.e. on Rs. 58386.02						5838.60				
		Add Labour cess @ 1% i.e. on Rs. 64224.62						642.25				
		Material cost for	100.00	m.				64866.87				
		Material cost for	1.00	m.				648.67	648.67			648.67
		For stringing out in trench										
		Labour										
		Taking Output :-	275	m.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	2.00	181.86	363.72				
		Total						587.08				
		Sundries @ 3% i.e. on Rs. 587.08						17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69						130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7						7.35				
		Labour for	275	m.				742.05				
		Labour for	1	m.				2.70				
		For cutting Q.C. Pipe										
		Labour										
		Taking Output :-	95	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	2.00	164.69	329.38				
		Total						552.74				
		Sundries @ 3% i.e. on Rs. 552.74						16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32						122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72						6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	95	Cuts				698.64				
		Labour for	1	Cuts				7.35				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	40	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	40	Joints				490.48				
		Labour for	1	Joints				12.26				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.70	2.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	7.35	0.51				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	12.26	5.03				
		Labour For	1	m.				8.24	8.24			8.24
		Cost for	1	m.					656.91			
		Add 10% for sub mountainous region										0.82
		Labour for	1	m.								9.06
		Cost for	1	m.								657.73

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		127.00mm o/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output :-		100 m.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	711.00	72522.00				
		Add cost of specials @ 10%				7252.20				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material				3988.71				
		Total - I				83762.91				
		Sundries @ 3% i.e. on Rs. 83762.91				2512.89				
		Add contractor's profit @ 10% i.e. on Rs. 86275.8				8627.58				
		Add Labour cess @ 1% i.e. on Rs. 94903.38				949.03				
		Material cost for		100.00 m.		95852.41				
		Material cost for		1.00 m.		958.52	958.52			958.52
		For stringing out in trench								
		Labour								
		Taking Output :-		280 m.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	2.00	181.86	363.72				
		Total				587.08				
		Sundries @ 3% i.e. on Rs. 587.08				17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69				130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7				7.35				
		Labour for		280 m.		742.05				
		Labour for		1 m.		2.65				
		For cutting Q.C. Pipe								
		Labour								
		Taking Output :-		75 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	2.00	164.69	329.38				
		Total				552.74				
		Sundries @ 3% i.e. on Rs. 552.74				16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32				122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72				6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	75	Cuts				698.64				
		Labour for	1	Cuts				9.32				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	45	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	45	Joints				490.48				
		Labour for	1	Joints				10.90				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.65	2.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	9.32	0.65				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	10.90	4.47				
		Labour For	1	m.				7.77	7.77			7.77
		Cost for	1	m.					966.29			
		Add 10% for sub mountainous region										0.78
		Labour for	1	m.								8.55
		Cost for	1	m.								967.07

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		152.40mm o/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output :-		100 m.						
(l)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	733.98	74865.96				
		Add cost of specials @ 10%				7486.60				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material				4117.63				
		Total - I				86470.19				
		Sundries @ 3% i.e. on Rs. 86470.19				2594.11				
		Add contractor's profit @ 10% i.e. on Rs. 89064.3				8906.43				
		Add Labour cess @ 1% i.e. on Rs. 97970.73				979.71				
		Material cost for		100.00 m.		98950.44				
		Material cost for		1.00 m.		989.50	989.50			989.50
		For stringing out in trench								
		Labour								
		Taking Output :-		250 m.						
(i)		Fitter Pipe (1st Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	2.00	181.86	363.72				
		Total				587.08				
		Sundries @ 3% i.e. on Rs. 587.08				17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69				130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7				7.35				
		Labour for		250 m.		742.05				
		Labour for		1 m.		2.97				
		For cutting Q.C. Pipe								
		Labour								
		Taking Output :-		55 Cuts						
(i)		Fitter Pipe (1st Class)	Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	2.00	164.69	329.38				
		Total				552.74				
		Sundries @ 3% i.e. on Rs. 552.74				16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32				122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72				6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	55	Cuts				698.64				
		Labour for	1	Cuts				12.70				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	30	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	30	Joints				490.48				
		Labour for	1	Joints				16.35				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	2.97	2.97				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	12.70	0.89				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	16.35	6.70				
		Labour For	1	m.				10.56	10.56			10.56
		Cost for	1	m.					1000.06			
		Add 10% for sub mountainous region										1.06
		Labour for	1	m.								11.62
		Cost for	1	m.								1001.12

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		203.40mm o/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output :-	100	m.								
(l)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	1321.92	134835.84				
		Add cost of specials @ 10%						13483.58				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material						7415.97				
		Total - I						155735.39				
		Sundries @ 3% i.e. on Rs. 155735.39						4672.06				
		Add contractor's profit @ 10% i.e. on Rs. 160407.45						16040.75				
		Add Labour cess @ 1% i.e. on Rs. 176448.2						1764.48				
		Material cost for	100.00	m.				178212.68				
		Material cost for	1.00	m.				1782.13	1782.13			1782.13
		For stringing out in trench										
		Labour										
		Taking Output :-	210	m.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	2.00	181.86	363.72				
		Total						587.08				
		Sundries @ 3% i.e. on Rs. 587.08						17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69						130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7						7.35				
		Labour for	210	m.				742.05				
		Labour for	1	m.				3.53				
		For cutting Q.C. Pipe										
		Labour										
		Taking Output :-	45	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	2.00	164.69	329.38				
		Total						552.74				
		Sundries @ 3% i.e. on Rs. 552.74						16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32						122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72						6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	45	Cuts				698.64				
		Labour for	1	Cuts				15.53				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	20	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	20	Joints				490.48				
		Labour for	1	Joints				24.52				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	3.53	3.53				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	15.53	1.09				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	24.52	10.05				
		Labour For	1	m.				14.67	14.67			14.67
		Cost for	1	m.					1796.80			
		Add 10% for sub mountainous region										1.47
		Labour for	1	m.								16.14
		Cost for	1	m.								1798.27

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		254.00mm o/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output :-	100	m.						
(l)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	2104.22	214630.44				
		Add cost of specials @ 10%				21463.04				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material				11804.67				
		Total - I				247898.15				
		Sundries @ 3% i.e. on Rs. 247898.15				7436.94				
		Add contractor's profit @ 10% i.e. on Rs. 255335.09				25533.51				
		Add Labour cess @ 1% i.e. on Rs. 280868.6				2808.69				
		Material cost for	100.00	m.		283677.29				
		Material cost for	1.00	m.		2836.77	2836.77			2836.77
		For stringing out in trench								
		Labour								
		Taking Output :-	190	m.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	2.00	181.86	363.72				
		Total				587.08				
		Sundries @ 3% i.e. on Rs. 587.08				17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69				130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7				7.35				
		Labour for	190	m.		742.05				
		Labour for	1	m.		3.91				
		For cutting Q.C. Pipe								
		Labour								
		Taking Output :-	40	Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	2.00	164.69	329.38				
		Total				552.74				
		Sundries @ 3% i.e. on Rs. 552.74				16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32				122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72				6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	40	Cuts				698.64				
		Labour for	1	Cuts				17.47				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	14	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	14	Joints				490.48				
		Labour for	1	Joints				35.03				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	3.91	3.91				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	17.47	1.22				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	35.03	14.36				
		Labour For	1	m.				19.49	19.49			19.49
		Cost for	1	m.					2856.26			
		Add 10% for sub mountainous region										1.95
		Labour for	1	m.								21.44
		Cost for	1	m.								2858.21

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		304.80mm o/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output :-		100 m.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	2821.25	287767.50				
		Add cost of specials @ 10%				28776.75				
		Add carriage from Ex-factory to site of work and unloading @5% on cost of material				15827.21				
		Total - I				332371.46				
		Sundries @ 3% i.e. on Rs. 332371.46				9971.14				
		Add contractor's profit @ 10% i.e. on Rs. 342342.6				34234.26				
		Add Labour cess @ 1% i.e. on Rs. 376576.86				3765.77				
		Material cost for		100.00 m.		380342.63				
		Material cost for		1.00 m.		3803.43	3803.43			3803.43
		For stringing out in trench								
		Labour								
		Taking Output :-		175 m.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	2.00	181.86	363.72				
		Total				587.08				
		Sundries @ 3% i.e. on Rs. 587.08				17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69				130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7				7.35				
		Labour for		175 m.		742.05				
		Labour for		1 m.		4.24				
		For cutting Q.C. Pipe								
		Labour								
		Taking Output :-		35 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	2.00	164.69	329.38				
		Total				552.74				
		Sundries @ 3% i.e. on Rs. 552.74				16.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 569.32				122.40				
		Add Labour cess @ 1% i.e. on Rs. 691.72				6.92				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	35	Cuts				698.64				
		Labour for	1	Cuts				19.96				
		For Jointing Q.C. Pipe										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
		Total						388.05				
		Sundries @ 3% i.e. on Rs. 388.05						11.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 399.69						85.93				
		Add Labour cess @ 1% i.e. on Rs. 485.62						4.86				
		Labour for	10	Joints				490.48				
		Labour for	1	Joints				49.05				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			m.	1.00	4.24	4.24				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	19.96	1.40				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	49.05	20.11				
		Labour For	1	m.				25.75	25.75			25.75
		Cost for	1	m.					3829.18			
		Add 10% for sub mountainous region										2.58
		Labour for	1	m.								28.33
		Cost for	1	m.								3831.76

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.15		Supplying, fixing and jointing PVC specials complete as desired by Engineer-in-Charge(for pipe lines laid inside habitation only)								
		Unit :-	1	m.						
		No analysis has been prepared						5% Extra will be taken for the respective i/d of pipe.		

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.18	Jointing Cast Iron Socketted Pipes Valves and specials with run lead caulked joints including cost of labour Fuel and Tools etc. tested complete.			DELETED and replaced with new					
	28.19	Making flanged joints for Cast Iron pipes, valves and specials.			DELETED and replaced with new					
	28.20	Jointing cast Iron Socketted Pipes Valves and specials with rubber tyton joints fitted complete including cost of Labour and Tools, Etc. and tested complete.			DELETED and replaced with new					

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.18		Providing, Stringing out, cutting, Jointing and testing of C.I. Double Flanged pipes with casted flanged as per IS:7181, Class-B and laying the same in trenches to correct alignment and gradients,jointed with nut bolts and rubber insertion fitted complete including all cartage.										
a		80mm i/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output of 80mm i/d pipe weight 15.8 Kg. per m. :-	100	m.								
		Or	15.80	Qtl.								
(I)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	1249.12	127410.24				
		Total - I						127410.24				
		Sundries @ 3% i.e. on Rs. 127410.24						3822.31				
		Add contractor's profit @ 10% i.e. on Rs. 131232.55						13123.26				
		Add Labour cess @ 1% i.e. on Rs. 144355.81						1443.56				
		Material cost for	100.00	m.				145799.37				
		Material cost for	1.00	m.				1457.99	1457.99			1457.99
		For stringing out in trench 80mm i/d										
		Labour										
		Taking Output :-	35.55	Qtl.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)			Each	3.00	174.53	523.59				
		Total						928.81				
		Sundries @ 3% i.e. on Rs. 928.81						27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67						205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35						11.62				
		Labour for	35.55	Qtl.				1173.97				
		Labour for	15.80	Qtl.				521.76				
		Labour for	1	Qtl.				33.02				
		For cutting C.I. Pipe 80mm i/d										
		Labour										
		Taking Output :-	10	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	0.50	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	0.50	181.86	90.93				
(iii)		Rubber Insertion			Each	10.00	15.00	150.00				
(iv)		Nut and Bolts			Nos.	40.00	20.00	800.00				
(v)		Pig lead			Kg.	19.00	148.00	2812.00				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		Total				3964.61				
		Sundries @ 3% i.e. on Rs. 3964.61				118.94				
		Add contractor's profit @ 21.50% i.e. on Rs. 4083.55				877.96				
		Add Labour cess @ 1% i.e. on Rs. 4961.51				49.62				
		Labour for	10	Cuts		5011.13				
		Labour for	1	Cuts		501.11				
		For Jointing C.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-	10	Joints						
(i)		Fitter Pipe (Ist Class)		Each	1.333	223.36	297.74			
(ii)		Helper (Skilled worker - Upper)		Each	1.50	181.86	272.79			
(iii)		Rubber Insertion		Each	10.00	15.00	150.00			
(iv)		Nut and Bolts		Nos.	40.00	20.00	800.00			
(v)		Pig lead		Kg.	19.00	148.00	2812.00			
		Total				4332.53				
		Sundries @ 3% i.e. on Rs. 4332.53				129.98				
		Add contractor's profit @ 21.50% i.e. on Rs. 4462.51				959.44				
		Add Labour cess @ 1% i.e. on Rs. 5421.95				54.22				
		Labour for	10	Joints		5476.17				
		Labour for	1	Joints		547.62				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.		Kg.	15.80	0.3302	5.22			
		Cutting of pipe taking 7 cut per 100 m.		Each	0.07	501.11	35.08			
		Jointig pipe taking 41 joint per 100 m.		Each	0.41	547.62	224.52			
		Labour For	1	m.		264.82	264.82			264.82
		Cost for	1	m.			1722.81			
		Add 10% for sub mountainous region								26.48
		Labour for	1	m.						291.30
		Cost for	1	m.						1749.29

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 100mm i/d pipe weight 20 Kg. per m. :-	100	m.						
		Or	20.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1570.90	160231.80			
		Total - I				160231.80				
		Sundries @ 3% i.e. on Rs. 160231.8				4806.95				
		Add contractor's profit @ 10% i.e. on Rs. 165038.75				16503.88				
		Add Labour cess @ 1% i.e. on Rs. 181542.63				1815.43				
		Material cost for	100.00	m.		183358.06				
		Material cost for	1.00	m.		1833.58	1833.58			1833.58
		For stringing out in trench 100mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	20.00	Qtl.		660.46				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 100mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	0.75	223.36	167.52			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	25.00	250.00			
(iv)		Nut and Bolts		Nos.	50.00	20.00	1000.00			
(v)		Pig lead		Kg.	24.00	148.00	3552.00			
		Total				5105.92				
		Sundries @ 3% i.e. on Rs. 5105.92				153.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 5259.1				1130.71				
		Add Labour cess @ 1% i.e. on Rs. 6389.81				63.90				
		Labour for	10	Cuts		6453.71				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				645.37				
		For Jointing C.I. Pipe 100mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	2.50	181.86	454.65				
(iii)		Rubber Insertion			Each	10.00	25.00	250.00				
(iv)		Nut and Bolts			Nos.	50.00	20.00	1000.00				
(v)		Pig lead			Kg.	24.00	148.00	3552.00				
		Total						5554.39				
		Sundries @ 3% i.e. on Rs. 5554.39						166.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 5721.02						1230.02				
		Add Labour cess @ 1% i.e. on Rs. 6951.04						69.51				
		Labour for	10	Joints				7020.55				
		Labour for	1	Joints				702.06				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	20.00	0.3302	6.60				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	645.37	45.18				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	702.06	287.84				
		Labour For	1	m.				339.62	339.62			339.62
		Cost for	1	m.					2173.20			
		Add 10% for sub mountainous region										33.96
		Labour for	1	m.								373.58
		Cost for	1	m.								2207.16

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 125mm i/d pipe weight 26.0 Kg. per m. :-	100	m.						
		Or	26.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2054.09	209517.18			
		Total - I					209517.18			
		Sundries @ 3% i.e. on Rs. 209517.18					6285.52			
		Add contractor's profit @ 10% i.e. on Rs. 215802.7					21580.27			
		Add Labour cess @ 1% i.e. on Rs. 237382.97					2373.83			
		Material cost for	100.00	m.			239756.80			
		Material cost for	1.00	m.			2397.57		2397.57	2397.57
		For stringing out in trench 125mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	26.00	Qtl.			858.60			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 125mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	30.00	300.00			
(iv)		Nut and Bolts		Nos.	60.00	20.00	1200.00			
(v)		Pig lead		Kg.	29.00	148.00	4292.00			
		Total					6151.76			
		Sundries @ 3% i.e. on Rs. 6151.76					184.55			
		Add contractor's profit @ 21.50% i.e. on Rs. 6336.31					1362.31			
		Add Labour cess @ 1% i.e. on Rs. 7698.62					76.99			
		Labour for	10	Cuts			7775.61			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				777.56				
		For Jointing C.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
(iii)		Rubber Insertion			Each	10.00	30.00	300.00				
(iv)		Nut and Bolts			Nos.	60.00	20.00	1200.00				
(v)		Pig lead			Kg.	29.00	148.00	4292.00				
		Total						6672.62				
		Sundries @ 3% i.e. on Rs. 6672.62						200.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 6872.8						1477.65				
		Add Labour cess @ 1% i.e. on Rs. 8350.45						83.50				
		Labour for	10	Joints				8433.95				
		Labour for	1	Joints				843.40				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	26.00	0.3302	8.59				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	777.56	54.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	843.40	345.79				
		Labour For	1	m.				408.81	408.81			408.81
		Cost for	1	m.					2806.38			
		Add 10% for sub mountainous region										40.88
		Labour for	1	m.								449.69
		Cost for	1	m.								2847.26

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 150mm i/d pipe weight 32.40 Kg. per m. :-	100	m.						
		Or	32.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2454.99	250408.98			
		Total - I					250408.98			
		Sundries @ 3% i.e. on Rs. 250408.98					7512.27			
		Add contractor's profit @ 10% i.e. on Rs. 257921.25					25792.13			
		Add Labour cess @ 1% i.e. on Rs. 283713.38					2837.13			
		Material cost for	100.00	m.			286550.51			
		Material cost for	1.00	m.			2865.51		2865.51	2865.51
		For stringing out in trench 150mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	32.40	Qtl.			1069.95			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 150mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.125	223.36	251.28			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	40.00	400.00			
(iv)		Nut and Bolts		Nos.	70.00	20.00	1400.00			
(v)		Pig lead		Kg.	36.00	148.00	5328.00			
		Total					7561.14			
		Sundries @ 3% i.e. on Rs. 7561.14					226.83			
		Add contractor's profit @ 21.50% i.e. on Rs. 7787.97					1674.41			
		Add Labour cess @ 1% i.e. on Rs. 9462.38					94.62			
		Labour for	10	Cuts			9557.00			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				955.70				
		For Jointing C.I. Pipe 150mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
(iii)		Rubber Insertion			Each	10.00	40.00	400.00				
(iv)		Nut and Bolts			Nos.	70.00	20.00	1400.00				
(v)		Pig lead			Kg.	36.00	148.00	5328.00				
		Total						8008.62				
		Sundries @ 3% i.e. on Rs. 8008.62						240.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 8248.88						1773.51				
		Add Labour cess @ 1% i.e. on Rs. 10022.39						100.22				
		Labour for	10	Joints				10122.61				
		Labour for	1	Joints				1012.26				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	32.40	0.3302	10.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	955.70	66.90				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1012.26	415.03				
		Labour For	1	m.				492.63	492.63			492.63
		Cost for	1	m.					3358.14			
		Add 10% for sub mountainous region										49.26
		Labour for	1	m.								541.89
		Cost for	1	m.								3407.40

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 200mm i/d pipe weight 47.40 Kg. per m. :-	100	m.						
		Or	47.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	3528.98	359955.96			
		Total - I				359955.96				
		Sundries @ 3% i.e. on Rs. 359955.96				10798.68				
		Add contractor's profit @ 10% i.e. on Rs. 370754.64				37075.46				
		Add Labour cess @ 1% i.e. on Rs. 407830.1				4078.30				
		Material cost for	100.00	m.		411908.40				
		Material cost for	1.00	m.		4119.08	4119.08			4119.08
		For stringing out in trench 200mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	47.40	Qtl.		1565.29				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 200mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	55.00	550.00			
(iv)		Nut and Bolts		Nos.	90.00	20.00	1800.00			
(v)		Pig lead		Kg.	49.00	148.00	7252.00			
		Total				10118.90				
		Sundries @ 3% i.e. on Rs. 10118.9				303.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 10422.47				2240.83				
		Add Labour cess @ 1% i.e. on Rs. 12663.3				126.63				
		Labour for	10	Cuts		12789.93				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1278.99				
		For Jointing C.I. Pipe 200mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	55.00	550.00				
(iv)		Nut and Bolts			Nos.	90.00	20.00	1800.00				
(v)		Pig lead			Kg.	49.00	148.00	7252.00				
		Total						10811.25				
		Sundries @ 3% i.e. on Rs. 10811.25						324.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 11135.59						2394.15				
		Add Labour cess @ 1% i.e. on Rs. 13529.74						135.30				
		Labour for	10	Joints				13665.04				
		Labour for	1	Joints				1366.50				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	47.40	0.3302	15.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1278.99	89.53				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1366.50	560.27				
		Labour For	1	m.				665.45	665.45			665.45
		Cost for	1	m.					4784.53			
		Add 10% for sub mountainous region										66.55
		Labour for	1	m.								732.00
		Cost for	1	m.								4851.08

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 250mm i/d pipe weight 63.8 Kg. per m. :-	100	m.						
		Or	63.80	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4775.99	487150.98			
		Total - I					487150.98			
		Sundries @ 3% i.e. on Rs. 487150.98					14614.53			
		Add contractor's profit @ 10% i.e. on Rs. 501765.51					50176.55			
		Add Labour cess @ 1% i.e. on Rs. 551942.06					5519.42			
		Material cost for	100.00	m.			557461.48			
		Material cost for	1.00	m.			5574.61		5574.61	5574.61
		For stringing out in trench 250mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	63.80	Qtl.			2106.87			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 250mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	2.500	223.36	558.40			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	60.00	600.00			
(iv)		Nut and Bolts		Nos.	110.00	20.00	2200.00			
(v)		Pig lead		Kg.	68.00	148.00	10064.00			
		Total					13604.26			
		Sundries @ 3% i.e. on Rs. 13604.26					408.13			
		Add contractor's profit @ 21.50% i.e. on Rs. 14012.39					3012.66			
		Add Labour cess @ 1% i.e. on Rs. 17025.05					170.25			
		Labour for	10	Cuts			17195.30			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1719.53				
		For Jointing C.I. Pipe 250mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	60.00	600.00				
(iv)		Nut and Bolts			Nos.	110.00	20.00	2200.00				
(v)		Pig lead			Kg.	68.00	148.00	10064.00				
		Total						14240.77				
		Sundries @ 3% i.e. on Rs. 14240.77						427.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 14667.99						3153.62				
		Add Labour cess @ 1% i.e. on Rs. 17821.61						178.22				
		Labour for	10	Joints				17999.83				
		Labour for	1	Joints				1799.98				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	63.80	0.3302	21.07				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1719.53	120.37				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1799.98	737.99				
		Labour For	1	m.				879.43	879.43			879.43
		Cost for	1	m.					6454.04			
		Add 10% for sub mountainous region										87.94
		Labour for	1	m.								967.37
		Cost for	1	m.								6541.98

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 300mm i/d pipe weight 82.4 Kg. per m. :-	100	m.						
		Or	82.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	6156.98	628011.96			
		Total - I					628011.96			
		Sundries @ 3% i.e. on Rs. 628011.96					18840.36			
		Add contractor's profit @ 10% i.e. on Rs. 646852.32					64685.23			
		Add Labour cess @ 1% i.e. on Rs. 711537.55					7115.38			
		Material cost for	100.00	m.			718652.93			
		Material cost for	1.00	m.			7186.53		7186.53	7186.53
		For stringing out in trench 300mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	82.40	Qtl.			10045.36			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 300mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	3.500	223.36	781.76			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	70.00	700.00			
(iv)		Nut and Bolts		Nos.	130.00	20.00	2600.00			
(v)		Pig lead		Kg.	79.00	148.00	11692.00			
		Total					15955.62			
		Sundries @ 3% i.e. on Rs. 15955.62					478.67			
		Add contractor's profit @ 21.50% i.e. on Rs. 16434.29					3533.37			
		Add Labour cess @ 1% i.e. on Rs. 19967.66					199.68			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				20167.34				
		Labour for	1	Cuts				2016.73				
		For Jointing C.I. Pipe 300mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	2.875	223.36	642.16				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	70.00	700.00				
(iv)		Nut and Bolts			Nos.	130.00	20.00	2600.00				
(v)		Pig lead			Kg.	79.00	148.00	11692.00				
		Total						16452.53				
		Sundries @ 3% i.e. on Rs. 16452.53						493.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 16946.11						3643.41				
		Add Labour cess @ 1% i.e. on Rs. 20589.52						205.90				
		Labour for	10	Joints				20795.42				
		Labour for	1	Joints				2079.54				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	82.40	1.2191	100.45				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2016.73	141.17				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2079.54	852.61				
		Labour For	1	m.				1094.23	1094.23			1094.23
		Cost for	1	m.					8280.76			
		Add 10% for sub mountainous region										109.42
		Labour for	1	m.								1203.65
		Cost for	1	m.								8390.18

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 350mm i/d pipe weight 103.8 Kg. per m. :-	100	m.						
		Or	103.80	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	8002.18	816222.36			
		Total - I					816222.36			
		Sundries @ 3% i.e. on Rs. 816222.36					24486.67			
		Add contractor's profit @ 10% i.e. on Rs. 840709.03					84070.90			
		Add Labour cess @ 1% i.e. on Rs. 924779.93					9247.80			
		Material cost for	100.00	m.			934027.73			
		Material cost for	1.00	m.			9340.28		9340.28	9340.28
		For stringing out in trench 350mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	103.80	Qtl.			12654.23			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 350mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	4.250	223.36	949.28			
(ii)		Helper (Skilled worker - Upper)		Each	0.50	181.86	90.93			
(iii)		Rubber Insertion		Each	10.00	85.00	850.00			
(iv)		Nut and Bolts		Nos.	150.00	20.00	3000.00			
(v)		Pig lead		Kg.	91.00	148.00	13468.00			
		Total					18358.21			
		Sundries @ 3% i.e. on Rs. 18358.21					550.75			
		Add contractor's profit @ 21.50% i.e. on Rs. 18908.96					4065.43			
		Add Labour cess @ 1% i.e. on Rs. 22974.39					229.74			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				23204.13				
		Labour for	1	Cuts				2320.41				
		For Jointing C.I. Pipe 350mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	3.250	223.36	725.92				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
(iii)		Rubber Insertion			Each	10.00	85.00	850.00				
(iv)		Nut and Bolts			Nos.	150.00	20.00	3000.00				
(v)		Pig lead			Kg.	91.00	148.00	13468.00				
		Total						18953.22				
		Sundries @ 3% i.e. on Rs. 18953.22						568.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 19521.82						4197.19				
		Add Labour cess @ 1% i.e. on Rs. 23719.01						237.19				
		Labour for	10	Joints				23956.20				
		Labour for	1	Joints				2395.62				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	103.80	1.2191	126.54				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2320.41	162.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2395.62	982.20				
		Labour For	1	m.				1271.17	1271.17			1271.17
		Cost for	1	m.					10611.45			
		Add 10% for sub mountainous region										127.12
		Labour for	1	m.								1398.29
		Cost for	1	m.								10738.57

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 400mm i/d pipe weight 126.20 Kg. per m. :-	100	m.						
		Or	126.20	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	9759.81	995500.62			
		Total - I					995500.62			
		Sundries @ 3% i.e. on Rs. 995500.62					29865.02			
		Add contractor's profit @ 10% i.e. on Rs. 1025365.64					102536.56			
		Add Labour cess @ 1% i.e. on Rs. 1127902.2					11279.02			
		Material cost for	100.00	m.			1139181.22			
		Material cost for	1.00	m.			11391.81			11391.81
		For stringing out in trench 400mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	126.20	Qtl.			15385.00			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 400mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.000	223.36	1116.80			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	95.00	950.00			
(iv)		Nut and Bolts		Nos.	170.00	20.00	3400.00			
(v)		Pig lead		Kg.	103.00	148.00	15244.00			
		Total					20847.20			
		Sundries @ 3% i.e. on Rs. 20847.2					625.42			
		Add contractor's profit @ 21.50% i.e. on Rs. 21472.62					4616.61			
		Add Labour cess @ 1% i.e. on Rs. 26089.23					260.89			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				26350.12				
		Labour for	1	Cuts				2635.01				
		For Jointing C.I. Pipe 400mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.000	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
(iii)		Rubber Insertion			Each	10.00	95.00	950.00				
(iv)		Nut and Bolts			Nos.	170.00	20.00	3400.00				
(v)		Pig lead			Kg.	103.00	148.00	15244.00				
		Total						21396.74				
		Sundries @ 3% i.e. on Rs. 21396.74						641.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 22038.64						4738.31				
		Add Labour cess @ 1% i.e. on Rs. 26776.95						267.77				
		Labour for	10	Joints				27044.72				
		Labour for	1	Joints				2704.47				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	126.20	1.2191	153.85				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2635.01	184.45				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2704.47	1108.83				
		Labour For	1	m.				1447.13	1447.13			1447.13
		Cost for	1	m.					12838.94			
		Add 10% for sub mountainous region										144.71
		Labour for	1	m.								1591.84
		Cost for	1	m.								12983.65

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 450mm i/d pipe weight 150.20 Kg. per m. :-	100	m.						
		Or	150.20	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	12379.37	1262695.74			
		Total - I				1262695.74				
		Sundries @ 3% i.e. on Rs. 1262695.74				37880.87				
		Add contractor's profit @ 10% i.e. on Rs. 1300576.61				130057.66				
		Add Labour cess @ 1% i.e. on Rs. 1430634.27				14306.34				
		Material cost for	100.00	m.		1444940.61				
		Material cost for	1.00	m.		14449.41	14449.41			14449.41
		For stringing out in trench 450mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for	35.55	Qtl.		4333.89				
		Labour for	150.20	Qtl.		18310.84				
		Labour for	1	Qtl.		121.91				
		For cutting C.I. Pipe 450mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.375	223.36	1200.56			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	100.00	1000.00			
(iv)		Nut and Bolts		Nos.	190.00	20.00	3800.00			
(v)		Pig lead		Kg.	144.00	148.00	21312.00			
		Total				27494.42				
		Sundries @ 3% i.e. on Rs. 27494.42				824.83				
		Add contractor's profit @ 21.50% i.e. on Rs. 28319.25				6088.64				
		Add Labour cess @ 1% i.e. on Rs. 34407.89				344.08				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				34751.97				
		Labour for	1	Cuts				3475.20				
		For Jointing C.I. Pipe 450mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)			Each	5.50	181.86	1000.23				
(iii)		Rubber Insertion			Each	10.00	100.00	1000.00				
(iv)		Nut and Bolts			Nos.	190.00	20.00	3800.00				
(v)		Pig lead			Kg.	144.00	148.00	21312.00				
		Total						28117.35				
		Sundries @ 3% i.e. on Rs. 28117.35						843.52				
		Add contractor's profit @ 21.50% i.e. on Rs. 28960.87						6226.59				
		Add Labour cess @ 1% i.e. on Rs. 35187.46						351.87				
		Labour for	10	Joints				35539.33				
		Labour for	1	Joints				3553.93				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	150.20	1.2191	183.11				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	3475.20	243.26				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	3553.93	1457.11				
		Labour For	1	m.				1883.48	1883.48			1883.48
		Cost for	1	m.					16332.89			
		Add 10% for sub mountainous region										188.35
		Labour for	1	m.								2071.83
		Cost for	1	m.								16521.24

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 500mm i/d pipe weight 178.40 Kg. per m. :-	100	m.						
		Or	178.40	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	14484.10	1477378.20			
		Total - I					1477378.20			
		Sundries @ 3% i.e. on Rs. 1477378.2					44321.35			
		Add contractor's profit @ 10% i.e. on Rs. 1521699.55					152169.96			
		Add Labour cess @ 1% i.e. on Rs. 1673869.51					16738.70			
		Material cost for	100.00	m.			1690608.21			
		Material cost for	1.00	m.			16906.08	16906.08		16906.08
		For stringing out in trench 500mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	178.40	Qtl.			21748.69			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 500mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	6.500	223.36	1451.84			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	110.00	1100.00			
(iv)		Nut and Bolts		Nos.	210.00	20.00	4200.00			
(v)		Pig lead		Kg.	168.00	148.00	24864.00			
		Total					31797.70			
		Sundries @ 3% i.e. on Rs. 31797.7					953.93			
		Add contractor's profit @ 21.50% i.e. on Rs. 32751.63					7041.60			
		Add Labour cess @ 1% i.e. on Rs. 39793.23					397.93			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				40191.16				
		Labour for	1	Cuts				4019.12				
		For Jointing C.I. Pipe 500mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)			Each	6.50	181.86	1182.09				
(iii)		Rubber Insertion			Each	10.00	110.00	1100.00				
(iv)		Nut and Bolts			Nos.	210.00	20.00	4200.00				
(v)		Pig lead			Kg.	168.00	148.00	24864.00				
		Total						32462.89				
		Sundries @ 3% i.e. on Rs. 32462.89						973.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 33436.78						7188.91				
		Add Labour cess @ 1% i.e. on Rs. 40625.69						406.26				
		Labour for	10	Joints				41031.95				
		Labour for	1	Joints				4103.20				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	178.40	1.2191	217.49				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4019.12	281.34				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	4103.20	1682.31				
		Labour For	1	m.				2181.14	2181.14			2181.14
		Cost for	1	m.					19087.22			
		Add 10% for sub mountainous region										218.11
		Labour for	1	m.								2399.25
		Cost for	1	m.								19305.33

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 600mm i/d pipe weight 237.60 Kg. per m. :-	100	m.						
		Or	237.60	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	19967.99	2036734.98			
		Total - I					2036734.98			
		Sundries @ 3% i.e. on Rs. 2036734.98					61102.05			
		Add contractor's profit @ 10% i.e. on Rs. 2097837.03					209783.70			
		Add Labour cess @ 1% i.e. on Rs. 2307620.73					23076.21			
		Material cost for	100.00	m.			2330696.94			
		Material cost for	1.00	m.			23306.97	23306.97		23306.97
		For stringing out in trench 600mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	237.60	Qtl.			28965.75			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 600mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	7.500	223.36	1675.20			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	120.00	1200.00			
(iv)		Nut and Bolts		Nos.	250.00	20.00	5000.00			
(v)		Pig lead		Kg.	209.00	148.00	30932.00			
		Total					38989.06			
		Sundries @ 3% i.e. on Rs. 38989.06					1169.67			
		Add contractor's profit @ 21.50% i.e. on Rs. 40158.73					8634.13			
		Add Labour cess @ 1% i.e. on Rs. 48792.86					487.93			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				49280.79				
		Labour for	1	Cuts				4928.08				
		For Jointing C.I. Pipe 600mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	7.000	223.36	1563.52				
(ii)		Helper (Skilled worker - Upper)			Each	7.50	181.86	1363.95				
(iii)		Rubber Insertion			Each	10.00	120.00	1200.00				
(iv)		Nut and Bolts			Nos.	250.00	20.00	5000.00				
(v)		Pig lead			Kg.	209.00	148.00	30932.00				
		Total						40059.47				
		Sundries @ 3% i.e. on Rs. 40059.47						1201.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 41261.25						8871.17				
		Add Labour cess @ 1% i.e. on Rs. 50132.42						501.32				
		Labour for	10	Joints				50633.74				
		Labour for	1	Joints				5063.37				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	237.60	1.2191	289.66				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4928.08	344.97				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	5063.37	2075.98				
		Labour For	1	m.				2710.61	2710.61			2710.61
		Cost for	1	m.					26017.58			
		Add 10% for sub mountainous region										271.06
		Labour for	1	m.								2981.67
		Cost for	1	m.								26288.64

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.19		Providing, Stringing out, cutting, Jointing and testing of C.I. Double Flanged pipes with screwed flanged as per IS:1536, class-LA and laying the same in trenches to correct alignment and gradients,jointed with nut bolts and rubber insertion fitted complete including all cartage.										
a		80mm i/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output of 80mm i/d pipe weight 15.8 Kg. per m. :-	100	m.								
		Or	15.80	Qtl.								
(I)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	1052.89	107394.78				
		Total - I						107394.78				
		Sundries @ 3% i.e. on Rs. 107394.78						3221.84				
		Add contractor's profit @ 10% i.e. on Rs. 110616.62						11061.66				
		Add Labour cess @ 1% i.e. on Rs. 121678.28						1216.78				
		Material cost for	100.00	m.				122895.06				
		Material cost for	1.00	m.				1228.95	1228.95			1228.95
		For stringing out in trench 80mm i/d										
		Labour										
		Taking Output :-	35.55	Qtl.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)			Each	3.00	174.53	523.59				
		Total						928.81				
		Sundries @ 3% i.e. on Rs. 928.81						27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67						205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35						11.62				
		Labour for	35.55	Qtl.				1173.97				
		Labour for	15.80	Qtl.				521.76				
		Labour for	1	Qtl.				33.02				
		For cutting C.I. Pipe 80mm i/d										
		Labour										
		Taking Output :-	10	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	0.50	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	0.50	181.86	90.93				
(iii)		Rubber Insertion			Each	10.00	15.00	150.00				
(iv)		Nut and Bolts			Nos.	40.00	20.00	800.00				
(v)		Pig lead			Kg.	19.00	148.00	2812.00				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		Total				3964.61				
		Sundries @ 3% i.e. on Rs. 3964.61				118.94				
		Add contractor's profit @ 21.50% i.e. on Rs. 4083.55				877.96				
		Add Labour cess @ 1% i.e. on Rs. 4961.51				49.62				
		Labour for	10	Cuts		5011.13				
		Labour for	1	Cuts		501.11				
		For Jointing C.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-	10	Joints						
(i)		Fitter Pipe (Ist Class)		Each	1.333	223.36	297.74			
(ii)		Helper (Skilled worker - Upper)		Each	1.50	181.86	272.79			
(iii)		Rubber Insertion		Each	10.00	15.00	150.00			
(iv)		Nut and Bolts		Nos.	40.00	20.00	800.00			
(v)		Pig lead		Kg.	19.00	148.00	2812.00			
		Total				4332.53				
		Sundries @ 3% i.e. on Rs. 4332.53				129.98				
		Add contractor's profit @ 21.50% i.e. on Rs. 4462.51				959.44				
		Add Labour cess @ 1% i.e. on Rs. 5421.95				54.22				
		Labour for	10	Joints		5476.17				
		Labour for	1	Joints		547.62				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.		Kg.	15.80	0.3302	5.22			
		Cutting of pipe taking 7 cut per 100 m.		Each	0.07	501.11	35.08			
		Jointig pipe taking 41 joint per 100 m.		Each	0.41	547.62	224.52			
		Labour For	1	m.		264.82	264.82			264.82
		Cost for	1	m.			1493.77			
		Add 10% for sub mountainous region								26.48
		Labour for	1	m.						291.30
		Cost for	1	m.						1520.25

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 100mm i/d pipe weight 20 Kg. per m. :-	100	m.						
		Or	20.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1235.41	126011.82			
		Total - I				126011.82				
		Sundries @ 3% i.e. on Rs. 126011.82				3780.35				
		Add contractor's profit @ 10% i.e. on Rs. 129792.17				12979.22				
		Add Labour cess @ 1% i.e. on Rs. 142771.39				1427.71				
		Material cost for	100.00	m.			144199.10			
		Material cost for	1.00	m.			1441.99	1441.99		1441.99
		For stringing out in trench 100mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	20.00	Qtl.			660.46			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 100mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	0.75	223.36	167.52			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	25.00	250.00			
(iv)		Nut and Bolts		Nos.	40.00	20.00	800.00			
(v)		Pig lead		Kg.	24.00	148.00	3552.00			
		Total					4905.92			
		Sundries @ 3% i.e. on Rs. 4905.92					147.18			
		Add contractor's profit @ 21.50% i.e. on Rs. 5053.1					1086.42			
		Add Labour cess @ 1% i.e. on Rs. 6139.52					61.40			
		Labour for	10	Cuts			6200.92			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				620.09				
		For Jointing C.I. Pipe 100mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	2.50	181.86	454.65				
(iii)		Rubber Insertion			Each	10.00	25.00	250.00				
(iv)		Nut and Bolts			Nos.	50.00	20.00	1000.00				
(v)		Pig lead			Kg.	24.00	148.00	3552.00				
		Total						5554.39				
		Sundries @ 3% i.e. on Rs. 5554.39						166.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 5721.02						1230.02				
		Add Labour cess @ 1% i.e. on Rs. 6951.04						69.51				
		Labour for	10	Joints				7020.55				
		Labour for	1	Joints				702.06				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	20.00	0.3302	6.60				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	620.09	43.41				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	702.06	287.84				
		Labour For	1	m.				337.85	337.85			337.85
		Cost for	1	m.					1779.84			
		Add 10% for sub mountainous region										33.79
		Labour for	1	m.								371.64
		Cost for	1	m.								1813.63

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 125mm i/d pipe weight 26.0 Kg. per m. :-	100	m.						
		Or	26.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1616.26	164858.52			
		Total - I				164858.52				
		Sundries @ 3% i.e. on Rs. 164858.52				4945.76				
		Add contractor's profit @ 10% i.e. on Rs. 169804.28				16980.43				
		Add Labour cess @ 1% i.e. on Rs. 186784.71				1867.85				
		Material cost for	100.00	m.		188652.56				
		Material cost for	1.00	m.		1886.53	1886.53			1886.53
		For stringing out in trench 125mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	26.00	Qtl.		858.60				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 125mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	30.00	300.00			
(iv)		Nut and Bolts		Nos.	60.00	20.00	1200.00			
(v)		Pig lead		Kg.	29.00	148.00	4292.00			
		Total				6151.76				
		Sundries @ 3% i.e. on Rs. 6151.76				184.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 6336.31				1362.31				
		Add Labour cess @ 1% i.e. on Rs. 7698.62				76.99				
		Labour for	10	Cuts		7775.61				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				777.56				
		For Jointing C.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
(iii)		Rubber Insertion			Each	10.00	30.00	300.00				
(iv)		Nut and Bolts			Nos.	60.00	20.00	1200.00				
(v)		Pig lead			Kg.	29.00	148.00	4292.00				
		Total						6672.62				
		Sundries @ 3% i.e. on Rs. 6672.62						200.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 6872.8						1477.65				
		Add Labour cess @ 1% i.e. on Rs. 8350.45						83.50				
		Labour for	10	Joints				8433.95				
		Labour for	1	Joints				843.40				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	26.00	0.3302	8.59				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	777.56	54.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	843.40	345.79				
		Labour For	1	m.				408.81	408.81			408.81
		Cost for	1	m.					2295.34			
		Add 10% for sub mountainous region										40.88
		Labour for	1	m.								449.69
		Cost for	1	m.								2336.22

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 150mm i/d pipe weight 32.40 Kg. per m. :-	100	m.						
		Or	32.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1982.35	202199.70			
		Total - I					202199.70			
		Sundries @ 3% i.e. on Rs. 202199.7					6065.99			
		Add contractor's profit @ 10% i.e. on Rs. 208265.69					20826.57			
		Add Labour cess @ 1% i.e. on Rs. 229092.26					2290.92			
		Material cost for	100.00	m.			231383.18			
		Material cost for	1.00	m.			2313.83	2313.83		2313.83
		For stringing out in trench 150mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	32.40	Qtl.			1069.95			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 150mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.125	223.36	251.28			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	40.00	400.00			
(iv)		Nut and Bolts		Nos.	70.00	20.00	1400.00			
(v)		Pig lead		Kg.	36.00	148.00	5328.00			
		Total					7561.14			
		Sundries @ 3% i.e. on Rs. 7561.14					226.83			
		Add contractor's profit @ 21.50% i.e. on Rs. 7787.97					1674.41			
		Add Labour cess @ 1% i.e. on Rs. 9462.38					94.62			
		Labour for	10	Cuts			9557.00			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				955.70				
		For Jointing C.I. Pipe 150mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
(iii)		Rubber Insertion			Each	10.00	40.00	400.00				
(iv)		Nut and Bolts			Nos.	70.00	20.00	1400.00				
(v)		Pig lead			Kg.	36.00	148.00	5328.00				
		Total						8008.62				
		Sundries @ 3% i.e. on Rs. 8008.62						240.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 8248.88						1773.51				
		Add Labour cess @ 1% i.e. on Rs. 10022.39						100.22				
		Labour for	10	Joints				10122.61				
		Labour for	1	Joints				1012.26				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	32.40	0.3302	10.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	955.70	66.90				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1012.26	415.03				
		Labour For	1	m.				492.63	492.63			492.63
		Cost for	1	m.					2806.46			
		Add 10% for sub mountainous region										49.26
		Labour for	1	m.								541.89
		Cost for	1	m.								2855.72

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 200mm i/d pipe weight 47.40 Kg. per m. :-	100	m.						
		Or	47.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2875.93	293344.86			
		Total - I					293344.86			
		Sundries @ 3% i.e. on Rs. 293344.86					8800.35			
		Add contractor's profit @ 10% i.e. on Rs. 302145.21					30214.52			
		Add Labour cess @ 1% i.e. on Rs. 332359.73					3323.60			
		Material cost for	100.00	m.			335683.33			
		Material cost for	1.00	m.			3356.83	3356.83		3356.83
		For stringing out in trench 200mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	47.40	Qtl.			1565.29			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 200mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	55.00	550.00			
(iv)		Nut and Bolts		Nos.	90.00	20.00	1800.00			
(v)		Pig lead		Kg.	49.00	148.00	7252.00			
		Total					10118.90			
		Sundries @ 3% i.e. on Rs. 10118.9					303.57			
		Add contractor's profit @ 21.50% i.e. on Rs. 10422.47					2240.83			
		Add Labour cess @ 1% i.e. on Rs. 12663.3					126.63			
		Labour for	10	Cuts			12789.93			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1278.99				
		For Jointing C.I. Pipe 200mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	55.00	550.00				
(iv)		Nut and Bolts			Nos.	90.00	20.00	1800.00				
(v)		Pig lead			Kg.	49.00	148.00	7252.00				
		Total						10811.25				
		Sundries @ 3% i.e. on Rs. 10811.25						324.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 11135.59						2394.15				
		Add Labour cess @ 1% i.e. on Rs. 13529.74						135.30				
		Labour for	10	Joints				13665.04				
		Labour for	1	Joints				1366.50				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	47.40	0.3302	15.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1278.99	89.53				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1366.50	560.27				
		Labour For	1	m.				665.45	665.45			665.45
		Cost for	1	m.					4022.28			
		Add 10% for sub mountainous region										66.55
		Labour for	1	m.								732.00
		Cost for	1	m.								4088.83

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 250mm i/d pipe weight 63.8 Kg. per m. :-	100	m.						
		Or	63.80	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	3846.53	392346.06			
		Total - I					392346.06			
		Sundries @ 3% i.e. on Rs. 392346.06					11770.38			
		Add contractor's profit @ 10% i.e. on Rs. 404116.44					40411.64			
		Add Labour cess @ 1% i.e. on Rs. 444528.08					4445.28			
		Material cost for	100.00	m.			448973.36			
		Material cost for	1.00	m.			4489.73	4489.73		4489.73
		For stringing out in trench 250mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	63.80	Qtl.			2106.87			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 250mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	2.500	223.36	558.40			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	60.00	600.00			
(iv)		Nut and Bolts		Nos.	110.00	20.00	2200.00			
(v)		Pig lead		Kg.	68.00	148.00	10064.00			
		Total					13604.26			
		Sundries @ 3% i.e. on Rs. 13604.26					408.13			
		Add contractor's profit @ 21.50% i.e. on Rs. 14012.39					3012.66			
		Add Labour cess @ 1% i.e. on Rs. 17025.05					170.25			
		Labour for	10	Cuts			17195.30			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1719.53				
		For Jointing C.I. Pipe 250mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	60.00	600.00				
(iv)		Nut and Bolts			Nos.	110.00	20.00	2200.00				
(v)		Pig lead			Kg.	68.00	148.00	10064.00				
		Total						14240.77				
		Sundries @ 3% i.e. on Rs. 14240.77						427.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 14667.99						3153.62				
		Add Labour cess @ 1% i.e. on Rs. 17821.61						178.22				
		Labour for	10	Joints				17999.83				
		Labour for	1	Joints				1799.98				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	63.80	0.3302	21.07				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1719.53	120.37				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1799.98	737.99				
		Labour For	1	m.				879.43	879.43			879.43
		Cost for	1	m.					5369.16			
		Add 10% for sub mountainous region										87.94
		Labour for	1	m.								967.37
		Cost for	1	m.								5457.10

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 300mm i/d pipe weight 82.4 Kg. per m. :-	100	m.						
		Or	82.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4940.57	503938.14			
		Total - I					503938.14			
		Sundries @ 3% i.e. on Rs. 503938.14					15118.14			
		Add contractor's profit @ 10% i.e. on Rs. 519056.28					51905.63			
		Add Labour cess @ 1% i.e. on Rs. 570961.91					5709.62			
		Material cost for	100.00	m.			576671.53			
		Material cost for	1.00	m.			5766.72		5766.72	5766.72
		For stringing out in trench 300mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	82.40	Qtl.			10045.36			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 300mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	3.500	223.36	781.76			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	70.00	700.00			
(iv)		Nut and Bolts		Nos.	130.00	20.00	2600.00			
(v)		Pig lead		Kg.	79.00	148.00	11692.00			
		Total					15955.62			
		Sundries @ 3% i.e. on Rs. 15955.62					478.67			
		Add contractor's profit @ 21.50% i.e. on Rs. 16434.29					3533.37			
		Add Labour cess @ 1% i.e. on Rs. 19967.66					199.68			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				20167.34				
		Labour for	1	Cuts				2016.73				
		For Jointing C.I. Pipe 300mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	2.875	223.36	642.16				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	70.00	700.00				
(iv)		Nut and Bolts			Nos.	130.00	20.00	2600.00				
(v)		Pig lead			Kg.	79.00	148.00	11692.00				
		Total						16452.53				
		Sundries @ 3% i.e. on Rs. 16452.53						493.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 16946.11						3643.41				
		Add Labour cess @ 1% i.e. on Rs. 20589.52						205.90				
		Labour for	10	Joints				20795.42				
		Labour for	1	Joints				2079.54				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	82.40	1.2191	100.45				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2016.73	141.17				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2079.54	852.61				
		Labour For	1	m.				1094.23	1094.23			1094.23
		Cost for	1	m.					6860.95			
		Add 10% for sub mountainous region										109.42
		Labour for	1	m.								1203.65
		Cost for	1	m.								6970.37

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 350mm i/d pipe weight 103.8 Kg. per m. :-	100	m.						
		Or	103.80	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	6367.98	649533.96			
		Total - I				649533.96				
		Sundries @ 3% i.e. on Rs. 649533.96				19486.02				
		Add contractor's profit @ 10% i.e. on Rs. 669019.98				66902.00				
		Add Labour cess @ 1% i.e. on Rs. 735921.98				7359.22				
		Material cost for	100.00	m.		743281.20				
		Material cost for	1.00	m.		7432.81	7432.81			7432.81
		For stringing out in trench 350mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	103.80	Qtl.			12654.23			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 350mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	4.250	223.36	949.28			
(ii)		Helper (Skilled worker - Upper)		Each	0.50	181.86	90.93			
(iii)		Rubber Insertion		Each	10.00	85.00	850.00			
(iv)		Nut and Bolts		Nos.	150.00	20.00	3000.00			
(v)		Pig lead		Kg.	91.00	148.00	13468.00			
		Total					18358.21			
		Sundries @ 3% i.e. on Rs. 18358.21					550.75			
		Add contractor's profit @ 21.50% i.e. on Rs. 18908.96					4065.43			
		Add Labour cess @ 1% i.e. on Rs. 22974.39					229.74			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				23204.13				
		Labour for	1	Cuts				2320.41				
		For Jointing C.I. Pipe 350mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	3.250	223.36	725.92				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
(iii)		Rubber Insertion			Each	10.00	85.00	850.00				
(iv)		Nut and Bolts			Nos.	150.00	20.00	3000.00				
(v)		Pig lead			Kg.	91.00	148.00	13468.00				
		Total						18953.22				
		Sundries @ 3% i.e. on Rs. 18953.22						568.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 19521.82						4197.19				
		Add Labour cess @ 1% i.e. on Rs. 23719.01						237.19				
		Labour for	10	Joints				23956.20				
		Labour for	1	Joints				2395.62				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	103.80	1.2191	126.54				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2320.41	162.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2395.62	982.20				
		Labour For	1	m.				1271.17	1271.17			1271.17
		Cost for	1	m.					8703.98			
		Add 10% for sub mountainous region										127.12
		Labour for	1	m.								1398.29
		Cost for	1	m.								8831.10

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 400mm i/d pipe weight 126.20 Kg. per m. :-	100	m.						
		Or	126.20	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	7911.45	806967.90			
		Total - I					806967.90			
		Sundries @ 3% i.e. on Rs. 806967.9					24209.04			
		Add contractor's profit @ 10% i.e. on Rs. 831176.94					83117.69			
		Add Labour cess @ 1% i.e. on Rs. 914294.63					9142.95			
		Material cost for	100.00	m.			923437.58			
		Material cost for	1.00	m.			9234.38			9234.38
		For stringing out in trench 400mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	126.20	Qtl.			15385.00			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 400mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.000	223.36	1116.80			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	95.00	950.00			
(iv)		Nut and Bolts		Nos.	170.00	20.00	3400.00			
(v)		Pig lead		Kg.	103.00	148.00	15244.00			
		Total					20847.20			
		Sundries @ 3% i.e. on Rs. 20847.2					625.42			
		Add contractor's profit @ 21.50% i.e. on Rs. 21472.62					4616.61			
		Add Labour cess @ 1% i.e. on Rs. 26089.23					260.89			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				26350.12				
		Labour for	1	Cuts				2635.01				
		For Jointing C.I. Pipe 400mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.000	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
(iii)		Rubber Insertion			Each	10.00	95.00	950.00				
(iv)		Nut and Bolts			Nos.	170.00	20.00	3400.00				
(v)		Pig lead			Kg.	103.00	148.00	15244.00				
		Total						21396.74				
		Sundries @ 3% i.e. on Rs. 21396.74						641.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 22038.64						4738.31				
		Add Labour cess @ 1% i.e. on Rs. 26776.95						267.77				
		Labour for	10	Joints				27044.72				
		Labour for	1	Joints				2704.47				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	126.20	1.2191	153.85				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2635.01	184.45				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2704.47	1108.83				
		Labour For	1	m.				1447.13	1447.13			1447.13
		Cost for	1	m.					10681.51			
		Add 10% for sub mountainous region										144.71
		Labour for	1	m.								1591.84
		Cost for	1	m.								10826.22

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 450mm i/d pipe weight 150.20 Kg. per m. :-	100	m.						
		Or	150.20	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	9754.53	994962.06			
		Total - I					994962.06			
		Sundries @ 3% i.e. on Rs. 994962.06					29848.86			
		Add contractor's profit @ 10% i.e. on Rs. 1024810.92					102481.09			
		Add Labour cess @ 1% i.e. on Rs. 1127292.01					11272.92			
		Material cost for	100.00	m.			1138564.93			
		Material cost for	1.00	m.			11385.65		11385.65	11385.65
		For stringing out in trench 450mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	150.20	Qtl.			18310.84			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 450mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.375	223.36	1200.56			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	100.00	1000.00			
(iv)		Nut and Bolts		Nos.	190.00	20.00	3800.00			
(v)		Pig lead		Kg.	144.00	148.00	21312.00			
		Total					27494.42			
		Sundries @ 3% i.e. on Rs. 27494.42					824.83			
		Add contractor's profit @ 21.50% i.e. on Rs. 28319.25					6088.64			
		Add Labour cess @ 1% i.e. on Rs. 34407.89					344.08			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				34751.97				
		Labour for	1	Cuts				3475.20				
		For Jointing C.I. Pipe 450mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)			Each	5.50	181.86	1000.23				
(iii)		Rubber Insertion			Each	10.00	100.00	1000.00				
(iv)		Nut and Bolts			Nos.	190.00	20.00	3800.00				
(v)		Pig lead			Kg.	144.00	148.00	21312.00				
		Total						28117.35				
		Sundries @ 3% i.e. on Rs. 28117.35						843.52				
		Add contractor's profit @ 21.50% i.e. on Rs. 28960.87						6226.59				
		Add Labour cess @ 1% i.e. on Rs. 35187.46						351.87				
		Labour for	10	Joints				35539.33				
		Labour for	1	Joints				3553.93				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	150.20	1.2191	183.11				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	3475.20	243.26				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	3553.93	1457.11				
		Labour For	1	m.				1883.48	1883.48			1883.48
		Cost for	1	m.					13269.13			
		Add 10% for sub mountainous region										188.35
		Labour for	1	m.								2071.83
		Cost for	1	m.								13457.48

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 500mm i/d pipe weight 178.40 Kg. per m. :-	100	m.						
		Or	178.40	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	11523.77	1175424.54			
		Total - I					1175424.54			
		Sundries @ 3% i.e. on Rs. 1175424.54					35262.74			
		Add contractor's profit @ 10% i.e. on Rs. 1210687.28					121068.73			
		Add Labour cess @ 1% i.e. on Rs. 1331756.01					13317.56			
		Material cost for	100.00	m.			1345073.57			
		Material cost for	1.00	m.			13450.74		13450.74	13450.74
		For stringing out in trench 500mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	178.40	Qtl.			21748.69			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 500mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	6.500	223.36	1451.84			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	110.00	1100.00			
(iv)		Nut and Bolts		Nos.	210.00	20.00	4200.00			
(v)		Pig lead		Kg.	168.00	148.00	24864.00			
		Total					31797.70			
		Sundries @ 3% i.e. on Rs. 31797.7					953.93			
		Add contractor's profit @ 21.50% i.e. on Rs. 32751.63					7041.60			
		Add Labour cess @ 1% i.e. on Rs. 39793.23					397.93			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				40191.16				
		Labour for	1	Cuts				4019.12				
		For Jointing C.I. Pipe 500mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)			Each	6.50	181.86	1182.09				
(iii)		Rubber Insertion			Each	10.00	110.00	1100.00				
(iv)		Nut and Bolts			Nos.	210.00	20.00	4200.00				
(v)		Pig lead			Kg.	168.00	148.00	24864.00				
		Total						32462.89				
		Sundries @ 3% i.e. on Rs. 32462.89						973.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 33436.78						7188.91				
		Add Labour cess @ 1% i.e. on Rs. 40625.69						406.26				
		Labour for	10	Joints				41031.95				
		Labour for	1	Joints				4103.20				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	178.40	1.2191	217.49				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4019.12	281.34				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	4103.20	1682.31				
		Labour For	1	m.				2181.14	2181.14			2181.14
		Cost for	1	m.					15631.88			
		Add 10% for sub mountainous region										218.11
		Labour for	1	m.								2399.25
		Cost for	1	m.								15849.99

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :-		1 m.						
		Taking Output of 600mm i/d pipe weight 237.60 Kg. per m. :-		100 m.						
		Or		237.60 Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%	Rmt.	102.00	15410.39	1571859.78				
		Total - I				1571859.78				
		Sundries @ 3% i.e. on Rs. 1571859.78				47155.79				
		Add contractor's profit @ 10% i.e. on Rs. 1619015.57				161901.56				
		Add Labour cess @ 1% i.e. on Rs. 1780917.13				17809.17				
		Material cost for		100.00 m.		1798726.30				
		Material cost for		1.00 m.		17987.26	17987.26			17987.26
		For stringing out in trench 600mm i/d								
		Labour								
		Taking Output :-		35.55 Qtl.						
(i)		Fitter Pipe (Ist Class)	Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)	Each	3.00	174.53	523.59				
(iv)		Provision for crane of 35 Tonne	Each	0.500	5000.00	2500.00				
		Total				3428.81				
		Sundries @ 3% i.e. on Rs. 3428.81				102.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67				759.31				
		Add Labour cess @ 1% i.e. on Rs. 4290.98				42.91				
		Labour for		35.55 Qtl.		4333.89				
		Labour for		237.60 Qtl.		28965.75				
		Labour for		1 Qtl.		121.91				
		For cutting C.I. Pipe 600mm i/d								
		Labour								
		Taking Output :-		10 Cuts						
(i)		Fitter Pipe (Ist Class)	Each	7.500	223.36	1675.20				
(ii)		Helper (Skilled worker - Upper)	Each	1.00	181.86	181.86				
(iii)		Rubber Insertion	Each	10.00	120.00	1200.00				
(iv)		Nut and Bolts	Nos.	250.00	20.00	5000.00				
(v)		Pig lead	Kg.	209.00	148.00	30932.00				
		Total				38989.06				
		Sundries @ 3% i.e. on Rs. 38989.06				1169.67				
		Add contractor's profit @ 21.50% i.e. on Rs. 40158.73				8634.13				
		Add Labour cess @ 1% i.e. on Rs. 48792.86				487.93				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				49280.79				
		Labour for	1	Cuts				4928.08				
		For Jointing C.I. Pipe 600mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	7.000	223.36	1563.52				
(ii)		Helper (Skilled worker - Upper)			Each	7.50	181.86	1363.95				
(iii)		Rubber Insertion			Each	10.00	120.00	1200.00				
(iv)		Nut and Bolts			Nos.	250.00	20.00	5000.00				
(v)		Pig lead			Kg.	209.00	148.00	30932.00				
		Total						40059.47				
		Sundries @ 3% i.e. on Rs. 40059.47						1201.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 41261.25						8871.17				
		Add Labour cess @ 1% i.e. on Rs. 50132.42						501.32				
		Labour for	10	Joints				50633.74				
		Labour for	1	Joints				5063.37				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	237.60	1.2191	289.66				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4928.08	344.97				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	5063.37	2075.98				
		Labour For	1	m.				2710.61	2710.61			2710.61
		Cost for	1	m.				20697.87				
		Add 10% for sub mountainous region										271.06
		Labour for	1	m.								2981.67
		Cost for	1	m.								20968.93

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.20		Providing, Stringing out, cutting, Jointing and testing of D.I. Double Flanged pipes with screwed flanged as per IS:8329-2000, Class-K9 and laying the same in trenches to correct alignment and gradients, jointed with nut bolts and rubber insertion joints fitted complete including all cartage.										
a		80mm i/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output of 80mm i/d pipe weight 15.8 Kg. per m. :-	100	m.								
		Or	15.80	Qtl.								
(I)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	1315.59	134190.18				
		Total - I						134190.18				
		Sundries @ 3% i.e. on Rs. 134190.18						4025.71				
		Add contractor's profit @ 10% i.e. on Rs. 138215.89						13821.59				
		Add Labour cess @ 1% i.e. on Rs. 152037.48						1520.37				
		Material cost for	100.00	m.				153557.85				
		Material cost for	1.00	m.				1535.58	1535.58			1535.58
		For stringing out in trench 80mm i/d										
		Labour										
		Taking Output :-	35.55	Qtl.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)			Each	3.00	174.53	523.59				
		Total						928.81				
		Sundries @ 3% i.e. on Rs. 928.81						27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67						205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35						11.62				
		Labour for	35.55	Qtl.				1173.97				
		Labour for	15.80	Qtl.				521.76				
		Labour for	1	Qtl.				33.02				
		For cutting C.I. Pipe 80mm i/d										
		Labour										
		Taking Output :-	10	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	0.50	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	0.50	181.86	90.93				
(iii)		Rubber Insertion			Each	10.00	15.00	150.00				
(iv)		Nut and Bolts			Nos.	40.00	20.00	800.00				
(v)		Pig lead			Kg.	19.00	148.00	2812.00				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		Total				3964.61				
		Sundries @ 3% i.e. on Rs. 3964.61				118.94				
		Add contractor's profit @ 21.50% i.e. on Rs. 4083.55				877.96				
		Add Labour cess @ 1% i.e. on Rs. 4961.51				49.62				
		Labour for	10	Cuts		5011.13				
		Labour for	1	Cuts		501.11				
		For Jointing C.I. Pipe 80mm i/d								
		Labour								
		Taking Output :-	10	Joints						
(i)		Fitter Pipe (Ist Class)		Each	1.333	223.36	297.74			
(ii)		Helper (Skilled worker - Upper)		Each	1.50	181.86	272.79			
(iii)		Rubber Insertion		Each	10.00	15.00	150.00			
(iv)		Nut and Bolts		Nos.	40.00	20.00	800.00			
(v)		Pig lead		Kg.	19.00	148.00	2812.00			
		Total				4332.53				
		Sundries @ 3% i.e. on Rs. 4332.53				129.98				
		Add contractor's profit @ 21.50% i.e. on Rs. 4462.51				959.44				
		Add Labour cess @ 1% i.e. on Rs. 5421.95				54.22				
		Labour for	10	Joints		5476.17				
		Labour for	1	Joints		547.62				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.								
		Stringing in trench per m.		Kg.	15.80	0.3302	5.22			
		Cutting of pipe taking 7 cut per 100 m.		Each	0.07	501.11	35.08			
		Jointig pipe taking 41 joint per 100 m.		Each	0.41	547.62	224.52			
		Labour For	1	m.		264.82	264.82			264.82
		Cost for	1	m.			1800.40			
		Add 10% for sub mountainous region								26.48
		Labour for	1	m.						291.30
		Cost for	1	m.						1826.88

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		100mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 100mm i/d pipe weight 20 Kg. per m. :-	100	m.						
		Or	20.00	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	1386.27	141399.54			
		Total - I				141399.54				
		Sundries @ 3% i.e. on Rs. 141399.54				4241.99				
		Add contractor's profit @ 10% i.e. on Rs. 145641.53				14564.15				
		Add Labour cess @ 1% i.e. on Rs. 160205.68				1602.06				
		Material cost for	100.00	m.		161807.74				
		Material cost for	1.00	m.		1618.08	1618.08			1618.08
		For stringing out in trench 100mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	20.00	Qtl.		660.46				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 100mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	0.75	223.36	167.52			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	25.00	250.00			
(iv)		Nut and Bolts		Nos.	50.00	20.00	1000.00			
(v)		Pig lead		Kg.	24.00	148.00	3552.00			
		Total				5105.92				
		Sundries @ 3% i.e. on Rs. 5105.92				153.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 5259.1				1130.71				
		Add Labour cess @ 1% i.e. on Rs. 6389.81				63.90				
		Labour for	10	Cuts		6453.71				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				645.37				
		For Jointing C.I. Pipe 100mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.333	223.36	297.74				
(ii)		Helper (Skilled worker - Upper)			Each	2.50	181.86	454.65				
(iii)		Rubber Insertion			Each	10.00	25.00	250.00				
(iv)		Nut and Bolts			Nos.	50.00	20.00	1000.00				
(v)		Pig lead			Kg.	24.00	148.00	3552.00				
		Total						5554.39				
		Sundries @ 3% i.e. on Rs. 5554.39						166.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 5721.02						1230.02				
		Add Labour cess @ 1% i.e. on Rs. 6951.04						69.51				
		Labour for	10	Joints				7020.55				
		Labour for	1	Joints				702.06				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	20.00	0.3302	6.60				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	645.37	45.18				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	702.06	287.84				
		Labour For	1	m.				339.62	339.62			339.62
		Cost for	1	m.					1957.70			
		Add 10% for sub mountainous region										33.96
		Labour for	1	m.								373.58
		Cost for	1	m.								1991.66

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		125mm i/d pipe lines laid complete										
		Unit :-	1	m.								
		Taking Output of 125mm i/d pipe weight 26.0 Kg. per m. :-	100	m.								
		Or	26.00	Qtl.								
(I)		Material										
		Supply of Pipe including wastage 2%			Rmt.	102.00	1840.00	187680.00				
		Total - I						187680.00				
		Sundries @ 3% i.e. on Rs. 187680						5630.40				
		Add contractor's profit @ 10% i.e. on Rs. 193310.4						19331.04				
		Add Labour cess @ 1% i.e. on Rs. 212641.44						2126.41				
		Material cost for	100.00	m.				214767.85				
		Material cost for	1.00	m.				2147.68	2147.68			2147.68
		For stringing out in trench 125mm i/d										
		Labour										
		Taking Output :-	35.55	Qtl.								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
(iii)		Helper (Skilled worker - Lower)			Each	3.00	174.53	523.59				
		Total						928.81				
		Sundries @ 3% i.e. on Rs. 928.81						27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67						205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35						11.62				
		Labour for	35.55	Qtl.				1173.97				
		Labour for	26.00	Qtl.				858.60				
		Labour for	1	Qtl.				33.02				
		For cutting C.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Cuts								
(i)		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	0.75	181.86	136.40				
(iii)		Rubber Insertion			Each	10.00	30.00	300.00				
(iv)		Nut and Bolts			Nos.	60.00	20.00	1200.00				
(v)		Pig lead			Kg.	29.00	148.00	4292.00				
		Total						6151.76				
		Sundries @ 3% i.e. on Rs. 6151.76						184.55				
		Add contractor's profit @ 21.50% i.e. on Rs. 6336.31						1362.31				
		Add Labour cess @ 1% i.e. on Rs. 7698.62						76.99				
		Labour for	10	Cuts				7775.61				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				777.56				
		For Jointing C.I. Pipe 125mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
(iii)		Rubber Insertion			Each	10.00	30.00	300.00				
(iv)		Nut and Bolts			Nos.	60.00	20.00	1200.00				
(v)		Pig lead			Kg.	29.00	148.00	4292.00				
		Total						6672.62				
		Sundries @ 3% i.e. on Rs. 6672.62						200.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 6872.8						1477.65				
		Add Labour cess @ 1% i.e. on Rs. 8350.45						83.50				
		Labour for	10	Joints				8433.95				
		Labour for	1	Joints				843.40				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	26.00	0.3302	8.59				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	777.56	54.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	843.40	345.79				
		Labour For	1	m.				408.81	408.81			408.81
		Cost for	1	m.					2556.49			
		Add 10% for sub mountainous region										40.88
		Labour for	1	m.								449.69
		Cost for	1	m.								2597.37

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 150mm i/d pipe weight 32.40 Kg. per m. :-	100	m.						
		Or	32.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2057.25	209839.50			
		Total - I					209839.50			
		Sundries @ 3% i.e. on Rs. 209839.5					6295.19			
		Add contractor's profit @ 10% i.e. on Rs. 216134.69					21613.47			
		Add Labour cess @ 1% i.e. on Rs. 237748.16					2377.48			
		Material cost for	100.00	m.			240125.64			
		Material cost for	1.00	m.			2401.26		2401.26	
		For stringing out in trench 150mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	32.40	Qtl.			1069.95			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 150mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.125	223.36	251.28			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	40.00	400.00			
(iv)		Nut and Bolts		Nos.	70.00	20.00	1400.00			
(v)		Pig lead		Kg.	36.00	148.00	5328.00			
		Total					7561.14			
		Sundries @ 3% i.e. on Rs. 7561.14					226.83			
		Add contractor's profit @ 21.50% i.e. on Rs. 7787.97					1674.41			
		Add Labour cess @ 1% i.e. on Rs. 9462.38					94.62			
		Labour for	10	Cuts			9557.00			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				955.70				
		For Jointing C.I. Pipe 150mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.00	181.86	545.58				
(iii)		Rubber Insertion			Each	10.00	40.00	400.00				
(iv)		Nut and Bolts			Nos.	70.00	20.00	1400.00				
(v)		Pig lead			Kg.	36.00	148.00	5328.00				
		Total						8008.62				
		Sundries @ 3% i.e. on Rs. 8008.62						240.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 8248.88						1773.51				
		Add Labour cess @ 1% i.e. on Rs. 10022.39						100.22				
		Labour for	10	Joints				10122.61				
		Labour for	1	Joints				1012.26				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	32.40	0.3302	10.70				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	955.70	66.90				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1012.26	415.03				
		Labour For	1	m.				492.63	492.63			492.63
		Cost for	1	m.					2893.89			
		Add 10% for sub mountainous region										49.26
		Labour for	1	m.								541.89
		Cost for	1	m.								2943.15

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 200mm i/d pipe weight 47.40 Kg. per m. :-	100	m.						
		Or	47.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	2655.44	270854.88			
		Total - I				270854.88				
		Sundries @ 3% i.e. on Rs. 270854.88				8125.65				
		Add contractor's profit @ 10% i.e. on Rs. 278980.53				27898.05				
		Add Labour cess @ 1% i.e. on Rs. 306878.58				3068.79				
		Material cost for	100.00	m.		309947.37				
		Material cost for	1.00	m.		3099.47	3099.47			3099.47
		For stringing out in trench 200mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total				928.81				
		Sundries @ 3% i.e. on Rs. 928.81				27.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67				205.68				
		Add Labour cess @ 1% i.e. on Rs. 1162.35				11.62				
		Labour for	35.55	Qtl.		1173.97				
		Labour for	47.40	Qtl.		1565.29				
		Labour for	1	Qtl.		33.02				
		For cutting C.I. Pipe 200mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	55.00	550.00			
(iv)		Nut and Bolts		Nos.	90.00	20.00	1800.00			
(v)		Pig lead		Kg.	49.00	148.00	7252.00			
		Total				10118.90				
		Sundries @ 3% i.e. on Rs. 10118.9				303.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 10422.47				2240.83				
		Add Labour cess @ 1% i.e. on Rs. 12663.3				126.63				
		Labour for	10	Cuts		12789.93				

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1278.99				
		For Jointing C.I. Pipe 200mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	55.00	550.00				
(iv)		Nut and Bolts			Nos.	90.00	20.00	1800.00				
(v)		Pig lead			Kg.	49.00	148.00	7252.00				
		Total						10811.25				
		Sundries @ 3% i.e. on Rs. 10811.25						324.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 11135.59						2394.15				
		Add Labour cess @ 1% i.e. on Rs. 13529.74						135.30				
		Labour for	10	Joints				13665.04				
		Labour for	1	Joints				1366.50				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	47.40	0.3302	15.65				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1278.99	89.53				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1366.50	560.27				
		Labour For	1	m.				665.45	665.45			665.45
		Cost for	1	m.					3764.92			
		Add 10% for sub mountainous region										66.55
		Labour for	1	m.								732.00
		Cost for	1	m.								3831.47

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 250mm i/d pipe weight 63.8 Kg. per m. :-	100	m.						
		Or	63.80	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	3596.50	366843.00			
		Total - I					366843.00			
		Sundries @ 3% i.e. on Rs. 366843					11005.29			
		Add contractor's profit @ 10% i.e. on Rs. 377848.29					37784.83			
		Add Labour cess @ 1% i.e. on Rs. 415633.12					4156.33			
		Material cost for	100.00	m.			419789.45			
		Material cost for	1.00	m.			4197.89	4197.89		4197.89
		For stringing out in trench 250mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
		Total					928.81			
		Sundries @ 3% i.e. on Rs. 928.81					27.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 956.67					205.68			
		Add Labour cess @ 1% i.e. on Rs. 1162.35					11.62			
		Labour for	35.55	Qtl.			1173.97			
		Labour for	63.80	Qtl.			2106.87			
		Labour for	1	Qtl.			33.02			
		For cutting C.I. Pipe 250mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	2.500	223.36	558.40			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	60.00	600.00			
(iv)		Nut and Bolts		Nos.	110.00	20.00	2200.00			
(v)		Pig lead		Kg.	68.00	148.00	10064.00			
		Total					13604.26			
		Sundries @ 3% i.e. on Rs. 13604.26					408.13			
		Add contractor's profit @ 21.50% i.e. on Rs. 14012.39					3012.66			
		Add Labour cess @ 1% i.e. on Rs. 17025.05					170.25			
		Labour for	10	Cuts			17195.30			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1	Cuts				1719.53				
		For Jointing C.I. Pipe 250mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (Ist Class)			Each	2.500	223.36	558.40				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	60.00	600.00				
(iv)		Nut and Bolts			Nos.	110.00	20.00	2200.00				
(v)		Pig lead			Kg.	68.00	148.00	10064.00				
		Total						14240.77				
		Sundries @ 3% i.e. on Rs. 14240.77						427.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 14667.99						3153.62				
		Add Labour cess @ 1% i.e. on Rs. 17821.61						178.22				
		Labour for	10	Joints				17999.83				
		Labour for	1	Joints				1799.98				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	63.80	0.3302	21.07				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	1719.53	120.37				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	1799.98	737.99				
		Labour For	1	m.				879.43	879.43			879.43
		Cost for	1	m.					5077.32			
		Add 10% for sub mountainous region										87.94
		Labour for	1	m.								967.37
		Cost for	1	m.								5165.26

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 300mm i/d pipe weight 82.4 Kg. per m. :-	100	m.						
		Or	82.40	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	4628.29	472085.58			
		Total - I					472085.58			
		Sundries @ 3% i.e. on Rs. 472085.58					14162.57			
		Add contractor's profit @ 10% i.e. on Rs. 486248.15					48624.82			
		Add Labour cess @ 1% i.e. on Rs. 534872.97					5348.73			
		Material cost for	100.00	m.			540221.70			
		Material cost for	1.00	m.			5402.22		5402.22	5402.22
		For stringing out in trench 300mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	82.40	Qtl.			10045.36			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 300mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	3.500	223.36	781.76			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	70.00	700.00			
(iv)		Nut and Bolts		Nos.	130.00	20.00	2600.00			
(v)		Pig lead		Kg.	79.00	148.00	11692.00			
		Total					15955.62			
		Sundries @ 3% i.e. on Rs. 15955.62					478.67			
		Add contractor's profit @ 21.50% i.e. on Rs. 16434.29					3533.37			
		Add Labour cess @ 1% i.e. on Rs. 19967.66					199.68			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				20167.34				
		Labour for	1	Cuts				2016.73				
		For Jointing C.I. Pipe 300mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	2.875	223.36	642.16				
(ii)		Helper (Skilled worker - Upper)			Each	4.50	181.86	818.37				
(iii)		Rubber Insertion			Each	10.00	70.00	700.00				
(iv)		Nut and Bolts			Nos.	130.00	20.00	2600.00				
(v)		Pig lead			Kg.	79.00	148.00	11692.00				
		Total						16452.53				
		Sundries @ 3% i.e. on Rs. 16452.53						493.58				
		Add contractor's profit @ 21.50% i.e. on Rs. 16946.11						3643.41				
		Add Labour cess @ 1% i.e. on Rs. 20589.52						205.90				
		Labour for	10	Joints				20795.42				
		Labour for	1	Joints				2079.54				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	82.40	1.2191	100.45				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2016.73	141.17				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2079.54	852.61				
		Labour For	1	m.				1094.23	1094.23			1094.23
		Cost for	1	m.					6496.45			
		Add 10% for sub mountainous region										109.42
		Labour for	1	m.								1203.65
		Cost for	1	m.								6605.87

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		350mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 350mm i/d pipe weight 103.8 Kg. per m. :-	100	m.						
		Or	103.80	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	5809.89	592608.78			
		Total - I					592608.78			
		Sundries @ 3% i.e. on Rs. 592608.78					17778.26			
		Add contractor's profit @ 10% i.e. on Rs. 610387.04					61038.70			
		Add Labour cess @ 1% i.e. on Rs. 671425.74					6714.26			
		Material cost for	100.00	m.			678140.00			
		Material cost for	1.00	m.			6781.40	6781.40		6781.40
		For stringing out in trench 350mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	103.80	Qtl.			12654.23			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 350mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	4.250	223.36	949.28			
(ii)		Helper (Skilled worker - Upper)		Each	0.50	181.86	90.93			
(iii)		Rubber Insertion		Each	10.00	85.00	850.00			
(iv)		Nut and Bolts		Nos.	150.00	20.00	3000.00			
(v)		Pig lead		Kg.	91.00	148.00	13468.00			
		Total					18358.21			
		Sundries @ 3% i.e. on Rs. 18358.21					550.75			
		Add contractor's profit @ 21.50% i.e. on Rs. 18908.96					4065.43			
		Add Labour cess @ 1% i.e. on Rs. 22974.39					229.74			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				23204.13				
		Labour for	1	Cuts				2320.41				
		For Jointing C.I. Pipe 350mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	3.250	223.36	725.92				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
(iii)		Rubber Insertion			Each	10.00	85.00	850.00				
(iv)		Nut and Bolts			Nos.	150.00	20.00	3000.00				
(v)		Pig lead			Kg.	91.00	148.00	13468.00				
		Total						18953.22				
		Sundries @ 3% i.e. on Rs. 18953.22						568.60				
		Add contractor's profit @ 21.50% i.e. on Rs. 19521.82						4197.19				
		Add Labour cess @ 1% i.e. on Rs. 23719.01						237.19				
		Labour for	10	Joints				23956.20				
		Labour for	1	Joints				2395.62				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	103.80	1.2191	126.54				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2320.41	162.43				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2395.62	982.20				
		Labour For	1	m.				1271.17	1271.17			1271.17
		Cost for	1	m.					8052.57			
		Add 10% for sub mountainous region										127.12
		Labour for	1	m.								1398.29
		Cost for	1	m.								8179.69

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 400mm i/d pipe weight 126.20 Kg. per m. :-	100	m.						
		Or	126.20	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	7002.04	714208.08			
		Total - I					714208.08			
		Sundries @ 3% i.e. on Rs. 714208.08					21426.24			
		Add contractor's profit @ 10% i.e. on Rs. 735634.32					73563.43			
		Add Labour cess @ 1% i.e. on Rs. 809197.75					8091.98			
		Material cost for	100.00	m.			817289.73			
		Material cost for	1.00	m.			8172.90			8172.90
		For stringing out in trench 400mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	126.20	Qtl.			15385.00			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 400mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.000	223.36	1116.80			
(ii)		Helper (Skilled worker - Upper)		Each	0.75	181.86	136.40			
(iii)		Rubber Insertion		Each	10.00	95.00	950.00			
(iv)		Nut and Bolts		Nos.	170.00	20.00	3400.00			
(v)		Pig lead		Kg.	103.00	148.00	15244.00			
		Total					20847.20			
		Sundries @ 3% i.e. on Rs. 20847.2					625.42			
		Add contractor's profit @ 21.50% i.e. on Rs. 21472.62					4616.61			
		Add Labour cess @ 1% i.e. on Rs. 26089.23					260.89			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				26350.12				
		Labour for	1	Cuts				2635.01				
		For Jointing C.I. Pipe 400mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.000	223.36	893.44				
(ii)		Helper (Skilled worker - Upper)			Each	5.00	181.86	909.30				
(iii)		Rubber Insertion			Each	10.00	95.00	950.00				
(iv)		Nut and Bolts			Nos.	170.00	20.00	3400.00				
(v)		Pig lead			Kg.	103.00	148.00	15244.00				
		Total						21396.74				
		Sundries @ 3% i.e. on Rs. 21396.74						641.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 22038.64						4738.31				
		Add Labour cess @ 1% i.e. on Rs. 26776.95						267.77				
		Labour for	10	Joints				27044.72				
		Labour for	1	Joints				2704.47				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	126.20	1.2191	153.85				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	2635.01	184.45				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	2704.47	1108.83				
		Labour For	1	m.				1447.13	1447.13			1447.13
		Cost for	1	m.					9620.03			
		Add 10% for sub mountainous region										144.71
		Labour for	1	m.								1591.84
		Cost for	1	m.								9764.74

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 450mm i/d pipe weight 150.20 Kg. per m. :-	100	m.						
		Or	150.20	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	8353.49	852055.98			
		Total - I					852055.98			
		Sundries @ 3% i.e. on Rs. 852055.98					25561.68			
		Add contractor's profit @ 10% i.e. on Rs. 877617.66					87761.77			
		Add Labour cess @ 1% i.e. on Rs. 965379.43					9653.79			
		Material cost for	100.00	m.			975033.22			
		Material cost for	1.00	m.			9750.33		9750.33	9750.33
		For stringing out in trench 450mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	150.20	Qtl.			18310.84			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 450mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	5.375	223.36	1200.56			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	100.00	1000.00			
(iv)		Nut and Bolts		Nos.	190.00	20.00	3800.00			
(v)		Pig lead		Kg.	144.00	148.00	21312.00			
		Total					27494.42			
		Sundries @ 3% i.e. on Rs. 27494.42					824.83			
		Add contractor's profit @ 21.50% i.e. on Rs. 28319.25					6088.64			
		Add Labour cess @ 1% i.e. on Rs. 34407.89					344.08			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				34751.97				
		Labour for	1	Cuts				3475.20				
		For Jointing C.I. Pipe 450mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	4.500	223.36	1005.12				
(ii)		Helper (Skilled worker - Upper)			Each	5.50	181.86	1000.23				
(iii)		Rubber Insertion			Each	10.00	100.00	1000.00				
(iv)		Nut and Bolts			Nos.	190.00	20.00	3800.00				
(v)		Pig lead			Kg.	144.00	148.00	21312.00				
		Total						28117.35				
		Sundries @ 3% i.e. on Rs. 28117.35						843.52				
		Add contractor's profit @ 21.50% i.e. on Rs. 28960.87						6226.59				
		Add Labour cess @ 1% i.e. on Rs. 35187.46						351.87				
		Labour for	10	Joints				35539.33				
		Labour for	1	Joints				3553.93				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	150.20	1.2191	183.11				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	3475.20	243.26				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	3553.93	1457.11				
		Labour For	1	m.				1883.48	1883.48			1883.48
		Cost for	1	m.					11633.81			
		Add 10% for sub mountainous region										188.35
		Labour for	1	m.								2071.83
		Cost for	1	m.								11822.16

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 500mm i/d pipe weight 178.40 Kg. per m. :-	100	m.						
		Or	178.40	Qtl.						
(l)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	9014.00	919428.00			
		Total - I					919428.00			
		Sundries @ 3% i.e. on Rs. 919428					27582.84			
		Add contractor's profit @ 10% i.e. on Rs. 947010.84					94701.08			
		Add Labour cess @ 1% i.e. on Rs. 1041711.92					10417.12			
		Material cost for	100.00	m.			1052129.04			
		Material cost for	1.00	m.			10521.29		10521.29	10521.29
		For stringing out in trench 500mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	178.40	Qtl.			21748.69			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 500mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	6.500	223.36	1451.84			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	110.00	1100.00			
(iv)		Nut and Bolts		Nos.	210.00	20.00	4200.00			
(v)		Pig lead		Kg.	168.00	148.00	24864.00			
		Total					31797.70			
		Sundries @ 3% i.e. on Rs. 31797.7					953.93			
		Add contractor's profit @ 21.50% i.e. on Rs. 32751.63					7041.60			
		Add Labour cess @ 1% i.e. on Rs. 39793.23					397.93			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				40191.16				
		Labour for	1	Cuts				4019.12				
		For Jointing C.I. Pipe 500mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	5.000	223.36	1116.80				
(ii)		Helper (Skilled worker - Upper)			Each	6.50	181.86	1182.09				
(iii)		Rubber Insertion			Each	10.00	110.00	1100.00				
(iv)		Nut and Bolts			Nos.	210.00	20.00	4200.00				
(v)		Pig lead			Kg.	168.00	148.00	24864.00				
		Total						32462.89				
		Sundries @ 3% i.e. on Rs. 32462.89						973.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 33436.78						7188.91				
		Add Labour cess @ 1% i.e. on Rs. 40625.69						406.26				
		Labour for	10	Joints				41031.95				
		Labour for	1	Joints				4103.20				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	178.40	1.2191	217.49				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4019.12	281.34				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	4103.20	1682.31				
		Labour For	1	m.				2181.14	2181.14			2181.14
		Cost for	1	m.					12702.43			
		Add 10% for sub mountainous region										218.11
		Labour for	1	m.								2399.25
		Cost for	1	m.								12920.54

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm i/d pipe lines laid complete								
		Unit :-	1	m.						
		Taking Output of 600mm i/d pipe weight 237.60 Kg. per m. :-	100	m.						
		Or	237.60	Qtl.						
(I)		Material								
		Supply of Pipe including wastage 2%		Rmt.	102.00	9015.00	919530.00			
		Total - I					919530.00			
		Sundries @ 3% i.e. on Rs. 919530					27585.90			
		Add contractor's profit @ 10% i.e. on Rs. 947115.9					94711.59			
		Add Labour cess @ 1% i.e. on Rs. 1041827.49					10418.27			
		Material cost for	100.00	m.			1052245.76			
		Material cost for	1.00	m.			10522.46		10522.46	10522.46
		For stringing out in trench 600mm i/d								
		Labour								
		Taking Output :-	35.55	Qtl.						
(i)		Fitter Pipe (Ist Class)		Each	1.00	223.36	223.36			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Helper (Skilled worker - Lower)		Each	3.00	174.53	523.59			
(iv)		Provision for crane of 35 Tonne		Each	0.500	5000.00	2500.00			
		Total					3428.81			
		Sundries @ 3% i.e. on Rs. 3428.81					102.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 3531.67					759.31			
		Add Labour cess @ 1% i.e. on Rs. 4290.98					42.91			
		Labour for	35.55	Qtl.			4333.89			
		Labour for	237.60	Qtl.			28965.75			
		Labour for	1	Qtl.			121.91			
		For cutting C.I. Pipe 600mm i/d								
		Labour								
		Taking Output :-	10	Cuts						
(i)		Fitter Pipe (Ist Class)		Each	7.500	223.36	1675.20			
(ii)		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
(iii)		Rubber Insertion		Each	10.00	120.00	1200.00			
(iv)		Nut and Bolts		Nos.	250.00	20.00	5000.00			
(v)		Pig lead		Kg.	209.00	148.00	30932.00			
		Total					38989.06			
		Sundries @ 3% i.e. on Rs. 38989.06					1169.67			
		Add contractor's profit @ 21.50% i.e. on Rs. 40158.73					8634.13			
		Add Labour cess @ 1% i.e. on Rs. 48792.86					487.93			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	Cuts				49280.79				
		Labour for	1	Cuts				4928.08				
		For Jointing C.I. Pipe 600mm i/d										
		Labour										
		Taking Output :-	10	Joints								
(i)		Fitter Pipe (1st Class)			Each	7.000	223.36	1563.52				
(ii)		Helper (Skilled worker - Upper)			Each	7.50	181.86	1363.95				
(iii)		Rubber Insertion			Each	10.00	120.00	1200.00				
(iv)		Nut and Bolts			Nos.	250.00	20.00	5000.00				
(v)		Pig lead			Kg.	209.00	148.00	30932.00				
		Total						40059.47				
		Sundries @ 3% i.e. on Rs. 40059.47						1201.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 41261.25						8871.17				
		Add Labour cess @ 1% i.e. on Rs. 50132.42						501.32				
		Labour for	10	Joints				50633.74				
		Labour for	1	Joints				5063.37				
		Labour for Stringing / Laying in trenched , cutting and jointing complete.										
		Stringing in trench per m.			Kg.	237.60	1.2191	289.66				
		Cutting of pipe taking 7 cut per 100 m.			Each	0.07	4928.08	344.97				
		Jointig pipe taking 41 joint per 100 m.			Each	0.41	5063.37	2075.98				
		Labour For	1	m.				2710.61	2710.61			2710.61
		Cost for	1	m.					13233.07			
		Add 10% for sub mountainous region										271.06
		Labour for	1	m.								2981.67
		Cost for	1	m.								13504.13

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.21	Jointing A.C. Pipes and specials with A.C. complings or cast iron detachable joints fittings with bolts and nuts of grooved ends excluding the cost of C.I.D. joints, A.C. couplings rubber rings Bolts and nuts but including Cartage of the same from Divisional stores or nearest Railway station to site of works and including testing etc., Complete in all respects :-			DELETED and replaced with new					
	28.22	Jointing P.V.C. Pipes and specials with P.V.C. Couplings and Cement solvent excluding the cost of P.V.C. Couplings and Cement solvent but including Cartage of the same from Divisioanal Stores or nearest Railway Station to site of works and including testing etc., Complete in all respects.			DELETED and replaced with new					

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.21		Supplying and laying C.I. specials complete as desired by Engineer-in-Charge conforming to ISI specifications.								
a		C.I. specials upto 300mm i/d								
		Unit :-	1	Kg.						
(I)		Material								
(i)		Cost of specials		Kg.	1.00	44.31	44.31			
		Total - I					44.31			
		Sundries @ 3% i.e. on Rs. 44.31					1.33			
		Add contractor's profit @ 10% i.e. on Rs. 45.64					4.56			
		Add Labour cess @ 1% i.e. on Rs. 50.2					0.50			
							50.70	50.70		50.70
(II)		Labour								
		(Detail of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say = 319Kg								
		Taking Output:-	319	Kg.						
(i)		Fitter Pipe (Ist Class)		Each	2.00	223.36	446.72			
(ii)		Cost of lead		Kg.	1.00	148.00	148.00			
		Total - II					594.72			
		Sundries @ 3% i.e. on Rs. 594.72					17.84			
		Add contractor's profit @ 21.50% i.e. on Rs. 612.56					131.70			
		Add Labour cess @ 1% i.e. on Rs. 744.26					7.44			
		Labour For	319	Kg.			751.70			
		Labour for	1	Kg.			2.36	2.36		2.36
		Cost for	1	Kg.				53.06		
		Add 10% for sub mountainous region								0.24
		Labour for	1	Kg.						2.60
		Cost for	1	Kg.						53.30

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		C.I. specials above 300mm i/d										
		Unit :-	1	Kg.								
(I)		Material										
(i)		Cost of specials			Kg.	1.00	54.86	54.86				
		Total - I						54.86				
		Sundries @ 3% i.e. on Rs. 54.86						1.65				
		Add contractor's profit @ 10% i.e. on Rs. 56.51						5.65				
		Add Labour cess @ 1% i.e. on Rs. 62.16						0.62				
								62.78	62.78			62.78
(II)		Labour										
		(Detail of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say = 319Kg										
		Taking Output:-	319	Kg.								
(i)		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
(ii)		Cost of lead			Kg.	1.00	148.00	148.00				
		Total - II						594.72				
		Sundries @ 3% i.e. on Rs. 594.72						17.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 612.56						131.70				
		Add Labour cess @ 1% i.e. on Rs. 744.26						7.44				
		Labour For	319	Kg.				751.70				
		Labour for	1	Kg.				2.36	2.36			2.36
		Cost for	1	Kg.					65.14			
		Add 10% for sub mountainous region										0.24
		Labour for	1	Kg.								2.60
		Cost for	1	Kg.								65.38

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.22		Supplying and laying D.I. specials/fittings as per IS:9527-2000, class K-12 suitable for tyten joint with external bitumen coating and inside cement mortar lining, scaffolding, derricks, Jim poles, tools and plants, ropes, guys, etc. Complete.								
a		D.I. specials upto 300mm i/d								
		Unit :-	1	Kg.						
(I)		Material								
(i)		Cost of specials		Kg.	1.00	89.68	89.68			
		Total - I				89.68				
		Sundries @ 3% i.e. on Rs. 89.68				2.69				
		Add contractor's profit @ 10% i.e. on Rs. 92.37				9.24				
		Add Labour cess @ 1% i.e. on Rs. 101.61				1.02				
						102.63	102.63			102.63
(II)		Labour								
		(Detail of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say = 319Kg								
		Taking Output:-	319	Kg.						
(i)		Fitter Pipe (Ist Class)		Each	2.00	223.36	446.72			
(ii)		Cost of lead		Kg.	1.00	148.00	148.00			
		Total - II				594.72				
		Sundries @ 3% i.e. on Rs. 594.72				17.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 612.56				131.70				
		Add Labour cess @ 1% i.e. on Rs. 744.26				7.44				
		Labour For	319	Kg.		751.70				
		Labour for	1	Kg.		2.36	2.36			2.36
		Cost for	1	Kg.			104.99			
		Add 10% for sub mountainous region								0.24
		Labour for	1	Kg.						2.60
		Cost for	1	Kg.						105.23

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		D.I. specials above 300mm i/d										
		Unit :-	1	Kg.								
(I)		Material										
(i)		Cost of specials			Kg.	1.00	147.70	147.70				
		Total - I						147.70				
		Sundries @ 3% i.e. on Rs. 147.7						4.43				
		Add contractor's profit @ 10% i.e. on Rs. 152.13						15.21				
		Add Labour cess @ 1% i.e. on Rs. 167.34						1.67				
								169.01	169.01			169.01
(II)		Labour										
		(Detail of Cost of 300mm i/d for 3m pipe) weighting 106.3Kg per meter length 106.3*3 = 318.9Kg say = 319Kg										
		Taking Output:-	319	Kg.								
(i)		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
(ii)		Cost of lead			Kg.	1.00	148.00	148.00				
		Total - II						594.72				
		Sundries @ 3% i.e. on Rs. 594.72						17.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 612.56						131.70				
		Add Labour cess @ 1% i.e. on Rs. 744.26						7.44				
		Labour For	319	Kg.				751.70				
		Labour for	1	Kg.				2.36	2.36			2.36
		Cost for	1	Kg.					171.37			
		Add 10% for sub mountainous region										0.24
		Labour for	1	Kg.								2.60
		Cost for	1	Kg.								171.61

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.23		Jointing H.D.P.E. Pipe and specials including Cartage of the jointing material from Divisional Store or nearest Railway Station to site of work and including testing etc. Complete in all respect.	DELETED							

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.24		Providing & fixing sluice valves ISI marked 14846-2000, socketted or flanged, jointing with tyton joints including all carriage complete.										
A		Class PN-1 as per ISI										
a		80mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	1797.00	17970.00				
ii		3mm thick insertion sheet			Each	10.00	15.00	150.00				
iii		Nuts and Bolts			Each	40.00	20.00	800.00				
		Total - I						18920.00				
		Sundries @ 3% i.e. on Rs. 18920						567.60				
		Add contractor's profit @ 10% i.e. on Rs. 19487.6						1948.76				
		Add Labour cess @ 1% i.e. on Rs. 21436.36						214.36				
		Material Cost for	10	Nos.				21650.72				
		Material Cost for	1	Each				2165.07	2165.07			2165.07
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	2.666	223.36	595.48				
ii		Helper (Skilled worker - Upper)			Each	3.666	181.86	666.70				
		Total - II						1262.18				
		Sundries @ 3% i.e. on Rs. 1262.18						37.87				
		Add contractor's profit @ 21.50% i.e. on Rs. 1300.05						279.51				
		Add Labour cess @ 1% i.e. on Rs. 1579.56						15.80				
		Labour for	10.00	Nos.				1595.36				
		Labour for	1.00	Each				159.54	159.54	159.54		
		Cost for	1.00	Each					2324.61			
		Add 10% for sub mountainous region										15.95
		Labour for	1.00	Each								175.49
		Cost for	1.00	Each								2340.56

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		100mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	2360.00	23600.00				
ii		3mm thick insertion sheet			Each	10.00	25.00	250.00				
iii		Nuts and Bolts			Each	50.00	20.00	1000.00				
		Total - I						24850.00				
		Sundries @ 3% i.e. on Rs. 24850						745.50				
		Add contractor's profit @ 10% i.e. on Rs. 25595.5						2559.55				
		Add Labour cess @ 1% i.e. on Rs. 28155.05						281.55				
		Material Cost for	10	Nos.				28436.60				
		Material Cost for	1	Each				2843.66	2843.66			2843.66
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	2.714	223.36	606.20				
ii		Helper (Skilled worker - Upper)			Each	4.714	181.86	857.29				
		Total - II						1463.49				
		Sundries @ 3% i.e. on Rs. 1463.49						43.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 1507.39						324.09				
		Add Labour cess @ 1% i.e. on Rs. 1831.48						18.31				
		Labour for	10.00	Nos.				1849.79				
		Labour for	1.00	Each				184.98	184.98		184.98	
		Cost for	1.00	Each					3028.64			
		Add 10% for sub mountainous region										18.50
		Labour for	1.00	Each								203.48
		Cost for	1.00	Each								3047.14

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		125mm i/d Sluice Valves Socketted or Flanged			Deleted as this size is not in use nowadays							
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	0.00	0.00				
ii		3mm thick insertion sheet			Each	10.00	30.00	300.00				
iii		Nuts and Bolts			Each	60.00	20.00	1200.00				
		Total - I						1500.00				
		Sundries @ 3% i.e. on Rs. 1500						45.00				
		Add contractor's profit @ 10% i.e. on Rs. 1545						154.50				
		Add Labour cess @ 1% i.e. on Rs. 1699.5						17.00				
		Material Cost for	10	Nos.				1716.50				
		Material Cost for	1	Each				171.65	171.65			171.65
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.269	223.36	730.16				
ii		Helper (Skilled worker - Upper)			Each	4.769	181.86	867.29				
		Total - II						1597.45				
		Sundries @ 3% i.e. on Rs. 1597.45						47.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 1645.37						353.75				
		Add Labour cess @ 1% i.e. on Rs. 1999.12						19.99				
		Labour for	10.00	Nos.				2019.11				
		Labour for	1.00	Each				201.91	201.91		201.91	
		Cost for	1.00	Each					373.56			
		Add 10% for sub mountainous region										20.19
		Labour for	1.00	Each								222.10
		Cost for	1.00	Each								393.75

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		150mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	3720.00	37200.00				
ii		3mm thick insertion sheet			Each	10.00	40.00	400.00				
iii		Nuts and Bolts			Each	70.00	20.00	1400.00				
		Total - I						39000.00				
		Sundries @ 3% i.e. on Rs. 39000						1170.00				
		Add contractor's profit @ 10% i.e. on Rs. 40170						4017.00				
		Add Labour cess @ 1% i.e. on Rs. 44187						441.87				
		Material Cost for	10	Nos.				44628.87				
		Material Cost for	1	Each				4462.89	4462.89			4462.89
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.750	223.36	837.60				
ii		Helper (Skilled worker - Upper)			Each	5.850	181.86	1063.88				
		Total - II						1901.48				
		Sundries @ 3% i.e. on Rs. 1901.48						57.04				
		Add contractor's profit @ 21.50% i.e. on Rs. 1958.52						421.08				
		Add Labour cess @ 1% i.e. on Rs. 2379.6						23.80				
		Labour for	10.00	Nos.				2403.40				
		Labour for	1.00	Each				240.34	240.34		240.34	
		Cost for	1.00	Each					4703.23			
		Add 10% for sub mountainous region										24.03
		Labour for	1.00	Each								264.37
		Cost for	1.00	Each								4727.26

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		200mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	6220.00	62200.00				
ii		3mm thick insertion sheet			Each	10.00	55.00	550.00				
iii		Nuts and Bolts			Each	90.00	20.00	1800.00				
		Total - I						64550.00				
		Sundries @ 3% i.e. on Rs. 64550						1936.50				
		Add contractor's profit @ 10% i.e. on Rs. 66486.5						6648.65				
		Add Labour cess @ 1% i.e. on Rs. 73135.15						731.35				
		Material Cost for	10	Nos.				73866.50				
		Material Cost for	1	Each				7386.65	7386.65			7386.65
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	4.930	223.36	1101.16				
ii		Helper (Skilled worker - Upper)			Each	6.930	181.86	1260.29				
		Total - II						2361.45				
		Sundries @ 3% i.e. on Rs. 2361.45						70.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 2432.29						522.94				
		Add Labour cess @ 1% i.e. on Rs. 2955.23						29.55				
		Labour for	10.00	Nos.				2984.78				
		Labour for	1.00	Each				298.48	298.48		298.48	
		Cost for	1.00	Each					7685.13			
		Add 10% for sub mountainous region										29.85
		Labour for	1.00	Each								328.33
		Cost for	1.00	Each								7714.98

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		250mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	9860.00	98600.00				
ii		3mm thick insertion sheet			Each	10.00	60.00	600.00				
iii		Nuts and Bolts			Each	110.00	20.00	2200.00				
		Total - I						101400.00				
		Sundries @ 3% i.e. on Rs. 101400						3042.00				
		Add contractor's profit @ 10% i.e. on Rs. 104442						10444.20				
		Add Labour cess @ 1% i.e. on Rs. 114886.2						1148.86				
		Material Cost for	10	Nos.				116035.06				
		Material Cost for	1	Each				11603.51	11603.51			11603.51
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	7.500	223.36	1675.20				
ii		Helper (Skilled worker - Upper)			Each	7.250	181.86	1318.49				
		Total - II						2993.69				
		Sundries @ 3% i.e. on Rs. 2993.69						89.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 3083.5						662.95				
		Add Labour cess @ 1% i.e. on Rs. 3746.45						37.46				
		Labour for	10.00	Nos.				3783.91				
		Labour for	1.00	Each				378.39	378.39		378.39	
		Cost for	1.00	Each					11981.90			
		Add 10% for sub mountainous region										37.84
		Labour for	1.00	Each								416.23
		Cost for	1.00	Each								12019.74

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		300mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	11940.00	119400.00				
ii		3mm thick insertion sheet			Each	10.00	70.00	700.00				
iii		Nuts and Bolts			Each	130.00	20.00	2600.00				
		Total - I						122700.00				
		Sundries @ 3% i.e. on Rs. 122700						3681.00				
		Add contractor's profit @ 10% i.e. on Rs. 126381						12638.10				
		Add Labour cess @ 1% i.e. on Rs. 139019.1						1390.19				
		Material Cost for	10	Nos.				140409.29				
		Material Cost for	1	Each				14040.93	14040.93			14040.93
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					14581.85			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								14635.94

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		350mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	17840.00	178400.00				
ii		3mm thick insertion sheet			Each	10.00	85.00	850.00				
iii		Nuts and Bolts			Each	150.00	20.00	3000.00				
		Total - I						182250.00				
		Sundries @ 3% i.e. on Rs. 182250						5467.50				
		Add contractor's profit @ 10% i.e. on Rs. 187717.5						18771.75				
		Add Labour cess @ 1% i.e. on Rs. 206489.25						2064.89				
		Material Cost for	10	Nos.				208554.14				
		Material Cost for	1	Each				20855.41	20855.41			20855.41
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					21396.33			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								21450.42

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		400mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	31453.00	314530.00				
ii		3mm thick insertion sheet			Each	10.00	95.00	950.00				
iii		Nuts and Bolts			Each	170.00	20.00	3400.00				
		Total - I						318880.00				
		Sundries @ 3% i.e. on Rs. 318880						9566.40				
		Add contractor's profit @ 10% i.e. on Rs. 328446.4						32844.64				
		Add Labour cess @ 1% i.e. on Rs. 361291.04						3612.91				
		Material Cost for	10	Nos.				364903.95				
		Material Cost for	1	Each				36490.40	36490.40			36490.40
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.250	223.36	2959.52				
ii		Helper (Skilled worker - Upper)			Each	11.750	181.86	2136.86				
		Total - II						5096.38				
		Sundries @ 3% i.e. on Rs. 5096.38						152.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 5249.27						1128.59				
		Add Labour cess @ 1% i.e. on Rs. 6377.86						63.78				
		Labour for	10.00	Nos.				6441.64				
		Labour for	1.00	Each				644.16	644.16		644.16	
		Cost for	1.00	Each					37134.56			
		Add 10% for sub mountainous region										64.42
		Labour for	1.00	Each								708.58
		Cost for	1.00	Each								37198.98

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
j		450mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	56553.00	565530.00				
ii		3mm thick insertion sheet			Each	10.00	100.00	1000.00				
iii		Nuts and Bolts			Each	190.00	20.00	3800.00				
		Total - I						570330.00				
		Sundries @ 3% i.e. on Rs. 570330						17109.90				
		Add contractor's profit @ 10% i.e. on Rs. 587439.9						58743.99				
		Add Labour cess @ 1% i.e. on Rs. 646183.89						6461.84				
		Material Cost for	10	Nos.				652645.73				
		Material Cost for	1	Each				65264.57	65264.57			65264.57
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.750	223.36	3071.20				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5298.99				
		Sundries @ 3% i.e. on Rs. 5298.99						158.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 5457.96						1173.46				
		Add Labour cess @ 1% i.e. on Rs. 6631.42						66.31				
		Labour for	10.00	Nos.				6697.73				
		Labour for	1.00	Each				669.77	669.77		669.77	
		Cost for	1.00	Each					65934.34			
		Add 10% for sub mountainous region										66.98
		Labour for	1.00	Each								736.75
		Cost for	1.00	Each								66001.32

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
k		500mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	101798.00	1017980.00				
ii		3mm thick insertion sheet			Each	10.00	110.00	1100.00				
iii		Nuts and Bolts			Each	210.00	20.00	4200.00				
		Total - I						1023280.00				
		Sundries @ 3% i.e. on Rs. 1023280						30698.40				
		Add contractor's profit @ 10% i.e. on Rs. 1053978.4						105397.84				
		Add Labour cess @ 1% i.e. on Rs. 1159376.24						11593.76				
		Material Cost for	10	Nos.				1170970.00				
		Material Cost for	1	Each				117097.00	117097.00			117097.00
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	14.500	223.36	3238.72				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5466.51				
		Sundries @ 3% i.e. on Rs. 5466.51						164.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 5630.51						1210.56				
		Add Labour cess @ 1% i.e. on Rs. 6841.07						68.41				
		Labour for	10.00	Nos.				6909.48				
		Labour for	1.00	Each				690.95	690.95		690.95	
		Cost for	1.00	Each					117787.95			
		Add 10% for sub mountainous region										69.10
		Labour for	1.00	Each								760.05
		Cost for	1.00	Each								117857.05

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
I		600mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	117730.00	1177300.00				
ii		3mm thick insertion sheet			Each	10.00	120.00	1200.00				
iii		Nuts and Bolts			Each	250.00	20.00	5000.00				
		Total - I						1183500.00				
		Sundries @ 3% i.e. on Rs. 1183500						35505.00				
		Add contractor's profit @ 10% i.e. on Rs. 1219005						121900.50				
		Add Labour cess @ 1% i.e. on Rs. 1340905.5						13409.06				
		Material Cost for	10	Nos.				1354314.56				
		Material Cost for	1	Each				135431.46	135431.46			135431.46
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	15.875	223.36	3545.84				
ii		Helper (Skilled worker - Upper)			Each	17.750	181.86	3228.02				
		Total - II						6773.86				
		Sundries @ 3% i.e. on Rs. 6773.86						203.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 6977.08						1500.07				
		Add Labour cess @ 1% i.e. on Rs. 8477.15						84.77				
		Labour for	10.00	Nos.				8561.92				
		Labour for	1.00	Each				856.19	856.19		856.19	
		Cost for	1.00	Each					136287.65			
		Add 10% for sub mountainous region										85.62
		Labour for	1.00	Each								941.81
		Cost for	1.00	Each								136373.27

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
B		Special quality make such as kirlosker or equivalent as approved by Engineer-in-Charge.								
a		80mm i/d Sluice Valves Socketted or Flanged								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Sluice valves socketted or flanged		Each	10.00	6726.00	67260.00			
ii		3mm thick insertion sheet		Each	10.00	15.00	150.00			
iii		Nuts and Bolts		Each	40.00	20.00	800.00			
		Total - I					68210.00			
		Sundries @ 3% i.e. on Rs. 68210					2046.30			
		Add contractor's profit @ 10% i.e. on Rs. 70256.3					7025.63			
		Add Labour cess @ 1% i.e. on Rs. 77281.93					772.82			
		Material Cost for	10	Nos.			78054.75			
		Material Cost for	1	Each			7805.48	7805.48		7805.48
II		Labour								
		Taking output	10	Nos.						
i		Fitter Pipe (Ist Class)		Each	2.666	223.36	595.48			
ii		Helper (Skilled worker - Upper)		Each	3.666	181.86	666.70			
		Total - II					1262.18			
		Sundries @ 3% i.e. on Rs. 1262.18					37.87			
		Add contractor's profit @ 21.50% i.e. on Rs. 1300.05					279.51			
		Add Labour cess @ 1% i.e. on Rs. 1579.56					15.80			
		Labour for	10.00	Nos.			1595.36			
		Labour for	1.00	Each			159.54	159.54	159.54	
		Cost for	1.00	Each				7965.02		
		Add 10% for sub mountainous region								15.95
		Labour for	1.00	Each						175.49
		Cost for	1.00	Each						7980.97

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		100mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	10181.00	101810.00				
ii		3mm thick insertion sheet			Each	10.00	25.00	250.00				
iii		Nuts and Bolts			Each	50.00	20.00	1000.00				
		Total - I						103060.00				
		Sundries @ 3% i.e. on Rs. 103060						3091.80				
		Add contractor's profit @ 10% i.e. on Rs. 106151.8						10615.18				
		Add Labour cess @ 1% i.e. on Rs. 116766.98						1167.67				
		Material Cost for	10	Nos.				117934.65				
		Material Cost for	1	Each				11793.47	11793.47			11793.47
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	2.714	223.36	606.20				
ii		Helper (Skilled worker - Upper)			Each	4.714	181.86	857.29				
		Total - II						1463.49				
		Sundries @ 3% i.e. on Rs. 1463.49						43.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 1507.39						324.09				
		Add Labour cess @ 1% i.e. on Rs. 1831.48						18.31				
		Labour for	10.00	Nos.				1849.79				
		Labour for	1.00	Each				184.98	184.98		184.98	
		Cost for	1.00	Each					11978.45			
		Add 10% for sub mountainous region										18.50
		Labour for	1.00	Each								203.48
		Cost for	1.00	Each								11996.95

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		125mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	14114.00	141140.00				
ii		3mm thick insertion sheet			Each	10.00	30.00	300.00				
iii		Nuts and Bolts			Each	60.00	20.00	1200.00				
		Total - I						142640.00				
		Sundries @ 3% i.e. on Rs. 142640						4279.20				
		Add contractor's profit @ 10% i.e. on Rs. 146919.2						14691.92				
		Add Labour cess @ 1% i.e. on Rs. 161611.12						1616.11				
		Material Cost for	10	Nos.				163227.23				
		Material Cost for	1	Each				16322.72	16322.72			16322.72
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.269	223.36	730.16				
ii		Helper (Skilled worker - Upper)			Each	4.769	181.86	867.29				
		Total - II						1597.45				
		Sundries @ 3% i.e. on Rs. 1597.45						47.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 1645.37						353.75				
		Add Labour cess @ 1% i.e. on Rs. 1999.12						19.99				
		Labour for	10.00	Nos.				2019.11				
		Labour for	1.00	Each				201.91	201.91		201.91	
		Cost for	1.00	Each					16524.63			
		Add 10% for sub mountainous region										20.19
		Labour for	1.00	Each								222.10
		Cost for	1.00	Each								16544.82

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		150mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	16744.00	167440.00				
ii		3mm thick insertion sheet			Each	10.00	40.00	400.00				
iii		Nuts and Bolts			Each	70.00	20.00	1400.00				
		Total - I						169240.00				
		Sundries @ 3% i.e. on Rs. 169240						5077.20				
		Add contractor's profit @ 10% i.e. on Rs. 174317.2						17431.72				
		Add Labour cess @ 1% i.e. on Rs. 191748.92						1917.49				
		Material Cost for	10	Nos.				193666.41				
		Material Cost for	1	Each				19366.64	19366.64			19366.64
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.750	223.36	837.60				
ii		Helper (Skilled worker - Upper)			Each	5.850	181.86	1063.88				
		Total - II						1901.48				
		Sundries @ 3% i.e. on Rs. 1901.48						57.04				
		Add contractor's profit @ 21.50% i.e. on Rs. 1958.52						421.08				
		Add Labour cess @ 1% i.e. on Rs. 2379.6						23.80				
		Labour for	10.00	Nos.				2403.40				
		Labour for	1.00	Each				240.34	240.34		240.34	
		Cost for	1.00	Each					19606.98			
		Add 10% for sub mountainous region										24.03
		Labour for	1.00	Each								264.37
		Cost for	1.00	Each								19631.01

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		200mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	28099.00	280990.00				
ii		3mm thick insertion sheet			Each	10.00	55.00	550.00				
iii		Nuts and Bolts			Each	70.00	20.00	1400.00				
		Total - I						282940.00				
		Sundries @ 3% i.e. on Rs. 282940						8488.20				
		Add contractor's profit @ 10% i.e. on Rs. 291428.2						29142.82				
		Add Labour cess @ 1% i.e. on Rs. 320571.02						3205.71				
		Material Cost for	10	Nos.				323776.73				
		Material Cost for	1	Each				32377.67	32377.67			32377.67
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	4.930	223.36	1101.16				
ii		Helper (Skilled worker - Upper)			Each	6.930	181.86	1260.29				
		Total - II						2361.45				
		Sundries @ 3% i.e. on Rs. 2361.45						70.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 2432.29						522.94				
		Add Labour cess @ 1% i.e. on Rs. 2955.23						29.55				
		Labour for	10.00	Nos.				2984.78				
		Labour for	1.00	Each				298.48	298.48		298.48	
		Cost for	1.00	Each					32676.15			
		Add 10% for sub mountainous region										29.85
		Labour for	1.00	Each								328.33
		Cost for	1.00	Each								32706.00

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		250mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	35643.00	356430.00				
ii		3mm thick insertion sheet			Each	10.00	60.00	600.00				
iii		Nuts and Bolts			Each	110.00	20.00	2200.00				
		Total - I						359230.00				
		Sundries @ 3% i.e. on Rs. 359230						10776.90				
		Add contractor's profit @ 10% i.e. on Rs. 370006.9						37000.69				
		Add Labour cess @ 1% i.e. on Rs. 407007.59						4070.08				
		Material Cost for	10	Nos.				411077.67				
		Material Cost for	1	Each				41107.77	41107.77			41107.77
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	7.500	223.36	1675.20				
ii		Helper (Skilled worker - Upper)			Each	7.250	181.86	1318.49				
		Total - II						2993.69				
		Sundries @ 3% i.e. on Rs. 2993.69						89.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 3083.5						662.95				
		Add Labour cess @ 1% i.e. on Rs. 3746.45						37.46				
		Labour for	10.00	Nos.				3783.91				
		Labour for	1.00	Each				378.39	378.39		378.39	
		Cost for	1.00	Each					41486.16			
		Add 10% for sub mountainous region										37.84
		Labour for	1.00	Each								416.23
		Cost for	1.00	Each								41524.00

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		300mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	50985.00	509850.00				
ii		3mm thick insertion sheet			Each	10.00	70.00	700.00				
iii		Nuts and Bolts			Each	130.00	20.00	2600.00				
		Total - I						513150.00				
		Sundries @ 3% i.e. on Rs. 513150						15394.50				
		Add contractor's profit @ 10% i.e. on Rs. 528544.5						52854.45				
		Add Labour cess @ 1% i.e. on Rs. 581398.95						5813.99				
		Material Cost for	10	Nos.				587212.94				
		Material Cost for	1	Each				58721.29	58721.29			58721.29
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					59262.21			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								59316.30

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		350mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	78438.00	784380.00				
ii		3mm thick insertion sheet			Each	10.00	85.00	850.00				
iii		Nuts and Bolts			Each	150.00	20.00	3000.00				
		Total - I						788230.00				
		Sundries @ 3% i.e. on Rs. 788230						23646.90				
		Add contractor's profit @ 10% i.e. on Rs. 811876.9						81187.69				
		Add Labour cess @ 1% i.e. on Rs. 893064.59						8930.65				
		Material Cost for	10	Nos.				901995.24				
		Material Cost for	1	Each				90199.52	90199.52			90199.52
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					90740.44			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								90794.53

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		400mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	93286.00	932860.00				
ii		3mm thick insertion sheet			Each	10.00	95.00	950.00				
iii		Nuts and Bolts			Each	170.00	20.00	3400.00				
		Total - I						937210.00				
		Sundries @ 3% i.e. on Rs. 937210						28116.30				
		Add contractor's profit @ 10% i.e. on Rs. 965326.3						96532.63				
		Add Labour cess @ 1% i.e. on Rs. 1061858.93						10618.59				
		Material Cost for	10	Nos.				1072477.52				
		Material Cost for	1	Each				107247.75	107247.75			107247.75
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.250	223.36	2959.52				
ii		Helper (Skilled worker - Upper)			Each	11.750	181.86	2136.86				
		Total - II						5096.38				
		Sundries @ 3% i.e. on Rs. 5096.38						152.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 5249.27						1128.59				
		Add Labour cess @ 1% i.e. on Rs. 6377.86						63.78				
		Labour for	10.00	Nos.				6441.64				
		Labour for	1.00	Each				644.16	644.16		644.16	
		Cost for	1.00	Each					107891.91			
		Add 10% for sub mountainous region										64.42
		Labour for	1.00	Each								708.58
		Cost for	1.00	Each								107956.33

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
j		450mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	122720.00	1227200.00				
ii		3mm thick insertion sheet			Each	10.00	100.00	1000.00				
iii		Nuts and Bolts			Each	190.00	20.00	3800.00				
		Total - I						1232000.00				
		Sundries @ 3% i.e. on Rs. 1232000						36960.00				
		Add contractor's profit @ 10% i.e. on Rs. 1268960						126896.00				
		Add Labour cess @ 1% i.e. on Rs. 1395856						13958.56				
		Material Cost for	10	Nos.				1409814.56				
		Material Cost for	1	Each				140981.46	140981.46			140981.46
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.750	223.36	3071.20				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5298.99				
		Sundries @ 3% i.e. on Rs. 5298.99						158.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 5457.96						1173.46				
		Add Labour cess @ 1% i.e. on Rs. 6631.42						66.31				
		Labour for	10.00	Nos.				6697.73				
		Labour for	1.00	Each				669.77	669.77		669.77	
		Cost for	1.00	Each					141651.23			
		Add 10% for sub mountainous region										66.98
		Labour for	1.00	Each								736.75
		Cost for	1.00	Each								141718.21

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
k		500mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	165810.00	1658100.00				
ii		3mm thick insertion sheet			Each	10.00	110.00	1100.00				
iii		Nuts and Bolts			Each	210.00	20.00	4200.00				
		Total - I						1663400.00				
		Sundries @ 3% i.e. on Rs. 1663400						49902.00				
		Add contractor's profit @ 10% i.e. on Rs. 1713302						171330.20				
		Add Labour cess @ 1% i.e. on Rs. 1884632.2						18846.32				
		Material Cost for	10	Nos.				1903478.52				
		Material Cost for	1	Each				190347.85	190347.85			190347.85
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	14.500	223.36	3238.72				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5466.51				
		Sundries @ 3% i.e. on Rs. 5466.51						164.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 5630.51						1210.56				
		Add Labour cess @ 1% i.e. on Rs. 6841.07						68.41				
		Labour for	10.00	Nos.				6909.48				
		Labour for	1.00	Each				690.95	690.95		690.95	
		Cost for	1.00	Each					191038.80			
		Add 10% for sub mountainous region										69.10
		Labour for	1.00	Each								760.05
		Cost for	1.00	Each								191107.90

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
I		600mm i/d Sluice Valves Socketted or Flanged										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Sluice valves socketted or flanged			Each	10.00	225326.00	2253260.00				
ii		3mm thick insertion sheet			Each	10.00	120.00	1200.00				
iii		Nuts and Bolts			Each	250.00	20.00	5000.00				
		Total - I						2259460.00				
		Sundries @ 3% i.e. on Rs. 2259460						67783.80				
		Add contractor's profit @ 10% i.e. on Rs. 2327243.8						232724.38				
		Add Labour cess @ 1% i.e. on Rs. 2559968.18						25599.68				
		Material Cost for	10	Nos.				2585567.86				
		Material Cost for	1	Each				258556.79	258556.79			258556.79
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	15.875	223.36	3545.84				
ii		Helper (Skilled worker - Upper)			Each	17.750	181.86	3228.02				
		Total - II						6773.86				
		Sundries @ 3% i.e. on Rs. 6773.86						203.22				
		Add contractor's profit @ 21.50% i.e. on Rs. 6977.08						1500.07				
		Add Labour cess @ 1% i.e. on Rs. 8477.15						84.77				
		Labour for	10.00	Nos.				8561.92				
		Labour for	1.00	Each				856.19	856.19		856.19	
		Cost for	1.00	Each					259412.98			
		Add 10% for sub mountainous region										85.62
		Labour for	1.00	Each								941.81
		Cost for	1.00	Each								259498.60

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.25		Providing & fixing Fire Hydrants jointing with flanged joint including all carriages complete. (without Fire Hydrant surface box)								
a		Fire Hydrants SV type as per IS-909								
		Unit :-	1	Each						
		Taking output	1	Nos.						
I		Materials								
i		Cost of Fire Hydrent		Each	1.00	5500.00	5500.00			
ii		3mm thick insertion sheet		Each	1.00	25.00	25.00			
iii		Nuts and Bolts		Each	4.00	20.00	80.00			
		Total - I					5605.00			
		Sundries @ 3% i.e. on Rs. 5605					168.15			
		Add contractor's profit @ 10% i.e. on Rs. 5773.15					577.32			
		Add Labour cess @ 1% i.e. on Rs. 6350.47					63.50			
		Material Cost for	1	Nos.			6413.97	6413.97		6413.97
II		Labour								
		Taking output	1	Nos.						
i		Fitter Pipe (Ist Class)		Each	0.166	223.36	37.08			
ii		Helper (Skilled worker - Upper)		Each	0.333	181.86	60.56			
		Total - II					97.64			
		Sundries @ 3% i.e. on Rs. 97.64					2.93			
		Add contractor's profit @ 21.50% i.e. on Rs. 100.57					21.62			
		Add Labour cess @ 1% i.e. on Rs. 122.19					1.22			
							123.41			
		Labour for	1.00	Each			123.41	123.41	123.41	
		Cost for	1.00	Each				6537.38		
		Add 10% for sub mountainous region								12.34
		Labour for	1.00	Each						135.75
		Cost for	1.00	Each						6549.72

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		Fire Hydrants Ordinary type as per IS										
		Unit :-	1	Each								
		Taking output	1	Nos.								
I		Materials										
i		Cost of Fire Hydrent			Each	1.00	3500.00	3500.00				
ii		3mm thick insertion sheet			Each	1.00	25.00	25.00				
iii		Nuts and Bolts			Each	5.00	20.00	100.00				
		Total - I						3625.00				
		Sundries @ 3% i.e. on Rs. 3625						108.75				
		Add contractor's profit @ 10% i.e. on Rs. 3733.75						373.38				
		Add Labour cess @ 1% i.e. on Rs. 4107.13						41.07				
		Material Cost for	1	Nos.				4148.20	4148.20			4148.20
II		Labour										
		Taking output	1	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.166	223.36	37.08				
ii		Helper (Skilled worker - Upper)			Each	0.333	181.86	60.56				
		Total - II						97.64				
		Sundries @ 3% i.e. on Rs. 97.64						2.93				
		Add contractor's profit @ 21.50% i.e. on Rs. 100.57						21.62				
		Add Labour cess @ 1% i.e. on Rs. 122.19						1.22				
								123.41				
		Labour for	1.00	Each				123.41	123.41		123.41	
		Cost for	1.00	Each					4271.61			
		Add 10% for sub mountainous region										12.34
		Labour for	1.00	Each								135.75
		Cost for	1.00	Each								4283.95

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.26		Providing & fixing Single air valve as per IS-14845 jointing with tyten joint including all carriages complete.								
		Unit :-	1	Each						
		Taking output	1	Nos.						
I		Materials								
i		Cost of Single air valve		Each	1.00	3500.00	3500.00			
ii		3mm thick insertion sheet		Each	1.00	25.00	25.00			
iii		Nuts and Bolts		Each	5.00	20.00	100.00			
		Total - I					3625.00			
		Sundries @ 3% i.e. on Rs. 3625					108.75			
		Add contractor's profit @ 10% i.e. on Rs. 3733.75					373.38			
		Add Labour cess @ 1% i.e. on Rs. 4107.13					41.07			
		Material Cost for	1	Nos.			4148.20		4148.20	4148.20
II		Labour								
		Taking output	1	Nos.						
i		Fitter Pipe (Ist Class)		Each	0.333	223.36	74.38			
ii		Helper (Skilled worker - Upper)		Each	0.333	181.86	60.56			
iii		Drilling & tapping 25mm Connection (Rate as per 28.33 e Total -II)		Each	1.000	205.68	205.68			
		Total - II					340.62			
		Sundries @ 3% i.e. on Rs. 340.62					10.22			
		Add contractor's profit @ 21.50% i.e. on Rs. 350.84					75.43			
		Add Labour cess @ 1% i.e. on Rs. 426.27					4.26			
							430.53			
		Labour for	1.00	Each			430.53		430.53	
		Cost for	1.00	Each					4578.73	
		Add 10% for sub mountainous region								43.05
		Labour for	1.00	Each						473.58
		Cost for	1.00	Each						4621.78

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.27		Providing & fixing double air valve jointing with tyten joint including all carriages complete.								
		Unit :-	1	Each						
		Taking output	1	Nos.						
I		Materials								
i		Cost of double air valve		Each	1.00	3500.00	3500.00			
ii		3mm thick insertion sheet		Each	1.00	25.00	25.00			
iii		Nuts and Bolts		Each	8.00	20.00	160.00			
		Total - I					3685.00			
		Sundries @ 3% i.e. on Rs. 3685					110.55			
		Add contractor's profit @ 10% i.e. on Rs. 3795.55					379.56			
		Add Labour cess @ 1% i.e. on Rs. 4175.11					41.75			
		Material Cost for	1	Nos.			4216.86			4216.86
II		Labour								
		Taking output	1	Nos.						
i		Fitter Pipe (Ist Class)		Each	0.333	223.36	74.38			
ii		Helper (Skilled worker - Upper)		Each	0.333	181.86	60.56			
		Total - II					134.94			
		Sundries @ 3% i.e. on Rs. 134.94					4.05			
		Add contractor's profit @ 21.50% i.e. on Rs. 138.99					29.88			
		Add Labour cess @ 1% i.e. on Rs. 168.87					1.69			
							170.56			
		Labour for	1.00	Each			170.56		170.56	
		Cost for	1.00	Each			4387.42			
		Add 10% for sub mountainous region								17.06
		Labour for	1.00	Each						187.62
		Cost for	1.00	Each						4404.48

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.28		Extra for fixing Non-return valves in pipe lines jointing with tyten joint including all carriages complete.								
A		Class PN-1.6 as per ISI with rubber seat								
a		80mm i/d Non-return valve								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Non-return valve		Each	10.00	1760.00	17600.00			
ii		3mm thick insertion sheet		Each	10.00	15.00	150.00			
iii		Nuts and Bolts		Each	80.00	20.00	1600.00			
		Total - I					19350.00			
		Sundries @ 3% i.e. on Rs. 19350					580.50			
		Add contractor's profit @ 10% i.e. on Rs. 19930.5					1993.05			
		Add Labour cess @ 1% i.e. on Rs. 21923.55					219.24			
		Material Cost for	10	Nos.			22142.79			
		Material Cost for	1	Each			2214.28	2214.28		2214.28
II		Labour								
		Taking output	10	Nos.						
i		Fitter Pipe (Ist Class)		Each	2.666	223.36	595.48			
ii		Helper (Skilled worker - Upper)		Each	3.666	181.86	666.70			
		Total - II					1262.18			
		Sundries @ 3% i.e. on Rs. 1262.18					37.87			
		Add contractor's profit @ 21.50% i.e. on Rs. 1300.05					279.51			
		Add Labour cess @ 1% i.e. on Rs. 1579.56					15.80			
		Labour for	10.00	Nos.			1595.36			
		Labour for	1.00	Each			159.54	159.54	159.54	
		Cost for	1.00	Each			2373.82			
		Add 10% for sub mountainous region								15.95
		Labour for	1.00	Each						175.49
		Cost for	1.00	Each						2389.77

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		100mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	2294.00	22940.00				
ii		3mm thick insertion sheet			Each	10.00	25.00	250.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						24790.00				
		Sundries @ 3% i.e. on Rs. 24790						743.70				
		Add contractor's profit @ 10% i.e. on Rs. 25533.7						2553.37				
		Add Labour cess @ 1% i.e. on Rs. 28087.07						280.87				
		Material Cost for	10	Nos.				28367.94				
		Material Cost for	1	Each				2836.79	2836.79			2836.79
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	2.714	223.36	606.20				
ii		Helper (Skilled worker - Upper)			Each	4.714	181.86	857.29				
		Total - II						1463.49				
		Sundries @ 3% i.e. on Rs. 1463.49						43.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 1507.39						324.09				
		Add Labour cess @ 1% i.e. on Rs. 1831.48						18.31				
		Labour for	10.00	Nos.				1849.79				
		Labour for	1.00	Each				184.98	184.98		184.98	
		Cost for	1.00	Each					3021.77			
		Add 10% for sub mountainous region										18.50
		Labour for	1.00	Each								203.48
		Cost for	1.00	Each								3040.27

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		125mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	3337.00	33370.00				
ii		3mm thick insertion sheet			Each	10.00	30.00	300.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						35270.00				
		Sundries @ 3% i.e. on Rs. 35270						1058.10				
		Add contractor's profit @ 10% i.e. on Rs. 36328.1						3632.81				
		Add Labour cess @ 1% i.e. on Rs. 39960.91						399.61				
		Material Cost for	10	Nos.				40360.52				
		Material Cost for	1	Each				4036.05	4036.05			4036.05
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.269	223.36	730.16				
ii		Helper (Skilled worker - Upper)			Each	4.769	181.86	867.29				
		Total - II						1597.45				
		Sundries @ 3% i.e. on Rs. 1597.45						47.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 1645.37						353.75				
		Add Labour cess @ 1% i.e. on Rs. 1999.12						19.99				
		Labour for	10.00	Nos.				2019.11				
		Labour for	1.00	Each				201.91	201.91		201.91	
		Cost for	1.00	Each					4237.96			
		Add 10% for sub mountainous region										20.19
		Labour for	1.00	Each								222.10
		Cost for	1.00	Each								4258.15

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		150mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	3944.00	39440.00				
ii		3mm thick insertion sheet			Each	10.00	40.00	400.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						41440.00				
		Sundries @ 3% i.e. on Rs. 41440						1243.20				
		Add contractor's profit @ 10% i.e. on Rs. 42683.2						4268.32				
		Add Labour cess @ 1% i.e. on Rs. 46951.52						469.52				
		Material Cost for	10	Nos.				47421.04				
		Material Cost for	1	Each				4742.10	4742.10			4742.10
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.750	223.36	837.60				
ii		Helper (Skilled worker - Upper)			Each	5.850	181.86	1063.88				
		Total - II						1901.48				
		Sundries @ 3% i.e. on Rs. 1901.48						57.04				
		Add contractor's profit @ 21.50% i.e. on Rs. 1958.52						421.08				
		Add Labour cess @ 1% i.e. on Rs. 2379.6						23.80				
		Labour for	10.00	Nos.				2403.40				
		Labour for	1.00	Each				240.34	240.34		240.34	
		Cost for	1.00	Each					4982.44			
		Add 10% for sub mountainous region										24.03
		Labour for	1.00	Each								264.37
		Cost for	1.00	Each								5006.47

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		200mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	6491.00	64910.00				
ii		3mm thick insertion sheet			Each	10.00	55.00	550.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						67060.00				
		Sundries @ 3% i.e. on Rs. 67060						2011.80				
		Add contractor's profit @ 10% i.e. on Rs. 69071.8						6907.18				
		Add Labour cess @ 1% i.e. on Rs. 75978.98						759.79				
		Material Cost for	10	Nos.				76738.77				
		Material Cost for	1	Each				7673.88	7673.88			7673.88
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	4.930	223.36	1101.16				
ii		Helper (Skilled worker - Upper)			Each	6.930	181.86	1260.29				
		Total - II						2361.45				
		Sundries @ 3% i.e. on Rs. 2361.45						70.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 2432.29						522.94				
		Add Labour cess @ 1% i.e. on Rs. 2955.23						29.55				
		Labour for	10.00	Nos.				2984.78				
		Labour for	1.00	Each				298.48	298.48		298.48	
		Cost for	1.00	Each					7972.36			
		Add 10% for sub mountainous region										29.85
		Labour for	1.00	Each								328.33
		Cost for	1.00	Each								8002.21

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		250mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	11041.00	110410.00				
ii		3mm thick insertion sheet			Each	10.00	60.00	600.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						112610.00				
		Sundries @ 3% i.e. on Rs. 112610						3378.30				
		Add contractor's profit @ 10% i.e. on Rs. 115988.3						11598.83				
		Add Labour cess @ 1% i.e. on Rs. 127587.13						1275.87				
		Material Cost for	10	Nos.				128863.00				
		Material Cost for	1	Each				12886.30	12886.30			12886.30
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	7.500	223.36	1675.20				
ii		Helper (Skilled worker - Upper)			Each	7.250	181.86	1318.49				
		Total - II						2993.69				
		Sundries @ 3% i.e. on Rs. 2993.69						89.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 3083.5						662.95				
		Add Labour cess @ 1% i.e. on Rs. 3746.45						37.46				
		Labour for	10.00	Nos.				3783.91				
		Labour for	1.00	Each				378.39	378.39		378.39	
		Cost for	1.00	Each					13264.69			
		Add 10% for sub mountainous region										37.84
		Labour for	1.00	Each								416.23
		Cost for	1.00	Each								13302.53

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		300mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	13103.00	131030.00				
ii		3mm thick insertion sheet			Each	10.00	70.00	700.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						133330.00				
		Sundries @ 3% i.e. on Rs. 133330						3999.90				
		Add contractor's profit @ 10% i.e. on Rs. 137329.9						13732.99				
		Add Labour cess @ 1% i.e. on Rs. 151062.89						1510.63				
		Material Cost for	10	Nos.				152573.52				
		Material Cost for	1	Each				15257.35	15257.35			15257.35
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					15798.27			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								15852.36

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		350mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	35366.00	353660.00				
ii		3mm thick insertion sheet			Each	10.00	85.00	850.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						356110.00				
		Sundries @ 3% i.e. on Rs. 356110						10683.30				
		Add contractor's profit @ 10% i.e. on Rs. 366793.3						36679.33				
		Add Labour cess @ 1% i.e. on Rs. 403472.63						4034.73				
		Material Cost for	10	Nos.				407507.36				
		Material Cost for	1	Each				40750.74	40750.74			40750.74
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					41291.66			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								41345.75

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		400mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	51442.00	514420.00				
ii		3mm thick insertion sheet			Each	10.00	95.00	950.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						516970.00				
		Sundries @ 3% i.e. on Rs. 516970						15509.10				
		Add contractor's profit @ 10% i.e. on Rs. 532479.1						53247.91				
		Add Labour cess @ 1% i.e. on Rs. 585727.01						5857.27				
		Material Cost for	10	Nos.				591584.28				
		Material Cost for	1	Each				59158.43	59158.43			59158.43
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.250	223.36	2959.52				
ii		Helper (Skilled worker - Upper)			Each	11.750	181.86	2136.86				
		Total - II						5096.38				
		Sundries @ 3% i.e. on Rs. 5096.38						152.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 5249.27						1128.59				
		Add Labour cess @ 1% i.e. on Rs. 6377.86						63.78				
		Labour for	10.00	Nos.				6441.64				
		Labour for	1.00	Each				644.16	644.16		644.16	
		Cost for	1.00	Each					59802.59			
		Add 10% for sub mountainous region										64.42
		Labour for	1.00	Each								708.58
		Cost for	1.00	Each								59867.01

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
j		450mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	72340.00	723400.00				
ii		3mm thick insertion sheet			Each	10.00	100.00	1000.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						726000.00				
		Sundries @ 3% i.e. on Rs. 726000						21780.00				
		Add contractor's profit @ 10% i.e. on Rs. 747780						74778.00				
		Add Labour cess @ 1% i.e. on Rs. 822558						8225.58				
		Material Cost for	10	Nos.				830783.58				
		Material Cost for	1	Each				83078.36	83078.36			83078.36
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.750	223.36	3071.20				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5298.99				
		Sundries @ 3% i.e. on Rs. 5298.99						158.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 5457.96						1173.46				
		Add Labour cess @ 1% i.e. on Rs. 6631.42						66.31				
		Labour for	10.00	Nos.				6697.73				
		Labour for	1.00	Each				669.77	669.77		669.77	
		Cost for	1.00	Each					83748.13			
		Add 10% for sub mountainous region										66.98
		Labour for	1.00	Each								736.75
		Cost for	1.00	Each								83815.11

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
k		500mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	96453.00	964530.00				
ii		3mm thick insertion sheet			Each	10.00	110.00	1100.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						967230.00				
		Sundries @ 3% i.e. on Rs. 967230						29016.90				
		Add contractor's profit @ 10% i.e. on Rs. 996246.9						99624.69				
		Add Labour cess @ 1% i.e. on Rs. 1095871.59						10958.72				
		Material Cost for	10	Nos.				1106830.31				
		Material Cost for	1	Each				110683.03	110683.03			110683.03
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	14.500	223.36	3238.72				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5466.51				
		Sundries @ 3% i.e. on Rs. 5466.51						164.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 5630.51						1210.56				
		Add Labour cess @ 1% i.e. on Rs. 6841.07						68.41				
		Labour for	10.00	Nos.				6909.48				
		Labour for	1.00	Each				690.95	690.95		690.95	
		Cost for	1.00	Each					111373.98			
		Add 10% for sub mountainous region										69.10
		Labour for	1.00	Each								760.05
		Cost for	1.00	Each								111443.08

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
B		Class PN-1.6 as per ISI with gun metal seat								
a		80mm i/d Non-return valve								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Non-return valve	Each	10.00	3200.00	32000.00				
ii		3mm thick insertion sheet	Each	10.00	15.00	150.00				
iii		Nuts and Bolts	Each	80.00	20.00	1600.00				
		Total - I				33750.00				
		Sundries @ 3% i.e. on Rs. 33750				1012.50				
		Add contractor's profit @ 10% i.e. on Rs. 34762.5				3476.25				
		Add Labour cess @ 1% i.e. on Rs. 38238.75				382.39				
		Material Cost for	10	Nos.		38621.14				
		Material Cost for	1	Each		3862.11	3862.11			3862.11
II		Labour								
		Taking output	10	Nos.						
i		Fitter Pipe (Ist Class)	Each	2.666	223.36	595.48				
ii		Helper (Skilled worker - Upper)	Each	3.666	181.86	666.70				
		Total - II				1262.18				
		Sundries @ 3% i.e. on Rs. 1262.18				37.87				
		Add contractor's profit @ 21.50% i.e. on Rs. 1300.05				279.51				
		Add Labour cess @ 1% i.e. on Rs. 1579.56				15.80				
		Labour for	10.00	Nos.		1595.36				
		Labour for	1.00	Each		159.54	159.54		159.54	
		Cost for	1.00	Each			4021.65			
		Add 10% for sub mountainous region								15.95
		Labour for	1.00	Each						175.49
		Cost for	1.00	Each						4037.60

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		100mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	4000.00	40000.00				
ii		3mm thick insertion sheet			Each	10.00	25.00	250.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						41850.00				
		Sundries @ 3% i.e. on Rs. 41850						1255.50				
		Add contractor's profit @ 10% i.e. on Rs. 43105.5						4310.55				
		Add Labour cess @ 1% i.e. on Rs. 47416.05						474.16				
		Material Cost for	10	Nos.				47890.21				
		Material Cost for	1	Each				4789.02	4789.02			4789.02
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	2.714	223.36	606.20				
ii		Helper (Skilled worker - Upper)			Each	4.714	181.86	857.29				
		Total - II						1463.49				
		Sundries @ 3% i.e. on Rs. 1463.49						43.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 1507.39						324.09				
		Add Labour cess @ 1% i.e. on Rs. 1831.48						18.31				
		Labour for	10.00	Nos.				1849.79				
		Labour for	1.00	Each				184.98	184.98		184.98	
		Cost for	1.00	Each					4974.00			
		Add 10% for sub mountainous region										18.50
		Labour for	1.00	Each								203.48
		Cost for	1.00	Each								4992.50

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		125mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	5500.00	55000.00				
ii		3mm thick insertion sheet			Each	10.00	30.00	300.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						56900.00				
		Sundries @ 3% i.e. on Rs. 56900						1707.00				
		Add contractor's profit @ 10% i.e. on Rs. 58607						5860.70				
		Add Labour cess @ 1% i.e. on Rs. 64467.7						644.68				
		Material Cost for	10	Nos.				65112.38				
		Material Cost for	1	Each				6511.24	6511.24			6511.24
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.269	223.36	730.16				
ii		Helper (Skilled worker - Upper)			Each	4.769	181.86	867.29				
		Total - II						1597.45				
		Sundries @ 3% i.e. on Rs. 1597.45						47.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 1645.37						353.75				
		Add Labour cess @ 1% i.e. on Rs. 1999.12						19.99				
		Labour for	10.00	Nos.				2019.11				
		Labour for	1.00	Each				201.91	201.91		201.91	
		Cost for	1.00	Each					6713.15			
		Add 10% for sub mountainous region										20.19
		Labour for	1.00	Each								222.10
		Cost for	1.00	Each								6733.34

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		150mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	6500.00	65000.00				
ii		3mm thick insertion sheet			Each	10.00	40.00	400.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						67000.00				
		Sundries @ 3% i.e. on Rs. 67000						2010.00				
		Add contractor's profit @ 10% i.e. on Rs. 69010						6901.00				
		Add Labour cess @ 1% i.e. on Rs. 75911						759.11				
		Material Cost for	10	Nos.				76670.11				
		Material Cost for	1	Each				7667.01	7667.01			7667.01
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.750	223.36	837.60				
ii		Helper (Skilled worker - Upper)			Each	5.850	181.86	1063.88				
		Total - II						1901.48				
		Sundries @ 3% i.e. on Rs. 1901.48						57.04				
		Add contractor's profit @ 21.50% i.e. on Rs. 1958.52						421.08				
		Add Labour cess @ 1% i.e. on Rs. 2379.6						23.80				
		Labour for	10.00	Nos.				2403.40				
		Labour for	1.00	Each				240.34	240.34		240.34	
		Cost for	1.00	Each					7907.35			
		Add 10% for sub mountainous region										24.03
		Labour for	1.00	Each								264.37
		Cost for	1.00	Each								7931.38

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		200mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	12500.00	125000.00				
ii		3mm thick insertion sheet			Each	10.00	55.00	550.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						127150.00				
		Sundries @ 3% i.e. on Rs. 127150						3814.50				
		Add contractor's profit @ 10% i.e. on Rs. 130964.5						13096.45				
		Add Labour cess @ 1% i.e. on Rs. 144060.95						1440.61				
		Material Cost for	10	Nos.				145501.56				
		Material Cost for	1	Each				14550.16	14550.16			14550.16
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	4.930	223.36	1101.16				
ii		Helper (Skilled worker - Upper)			Each	6.930	181.86	1260.29				
		Total - II						2361.45				
		Sundries @ 3% i.e. on Rs. 2361.45						70.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 2432.29						522.94				
		Add Labour cess @ 1% i.e. on Rs. 2955.23						29.55				
		Labour for	10.00	Nos.				2984.78				
		Labour for	1.00	Each				298.48	298.48		298.48	
		Cost for	1.00	Each					14848.64			
		Add 10% for sub mountainous region										29.85
		Labour for	1.00	Each								328.33
		Cost for	1.00	Each								14878.49

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		250mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	18650.00	186500.00				
ii		3mm thick insertion sheet			Each	10.00	60.00	600.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						188700.00				
		Sundries @ 3% i.e. on Rs. 188700						5661.00				
		Add contractor's profit @ 10% i.e. on Rs. 194361						19436.10				
		Add Labour cess @ 1% i.e. on Rs. 213797.1						2137.97				
		Material Cost for	10	Nos.				215935.07				
		Material Cost for	1	Each				21593.51	21593.51			21593.51
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	7.500	223.36	1675.20				
ii		Helper (Skilled worker - Upper)			Each	7.250	181.86	1318.49				
		Total - II						2993.69				
		Sundries @ 3% i.e. on Rs. 2993.69						89.81				
		Add contractor's profit @ 21.50% i.e. on Rs. 3083.5						662.95				
		Add Labour cess @ 1% i.e. on Rs. 3746.45						37.46				
		Labour for	10.00	Nos.				3783.91				
		Labour for	1.00	Each				378.39	378.39		378.39	
		Cost for	1.00	Each					21971.90			
		Add 10% for sub mountainous region										37.84
		Labour for	1.00	Each								416.23
		Cost for	1.00	Each								22009.74

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		300mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	24500.00	245000.00				
ii		3mm thick insertion sheet			Each	10.00	70.00	700.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						247300.00				
		Sundries @ 3% i.e. on Rs. 247300						7419.00				
		Add contractor's profit @ 10% i.e. on Rs. 254719						25471.90				
		Add Labour cess @ 1% i.e. on Rs. 280190.9						2801.91				
		Material Cost for	10	Nos.				282992.81				
		Material Cost for	1	Each				28299.28	28299.28			28299.28
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					28840.20			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								28894.29

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		350mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	45500.00	455000.00				
ii		3mm thick insertion sheet			Each	10.00	85.00	850.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						457450.00				
		Sundries @ 3% i.e. on Rs. 457450						13723.50				
		Add contractor's profit @ 10% i.e. on Rs. 471173.5						47117.35				
		Add Labour cess @ 1% i.e. on Rs. 518290.85						5182.91				
		Material Cost for	10	Nos.				523473.76				
		Material Cost for	1	Each				52347.38	52347.38			52347.38
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	10.000	223.36	2233.60				
ii		Helper (Skilled worker - Upper)			Each	11.250	181.86	2045.93				
		Total - II						4279.53				
		Sundries @ 3% i.e. on Rs. 4279.53						128.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 4407.92						947.70				
		Add Labour cess @ 1% i.e. on Rs. 5355.62						53.56				
		Labour for	10.00	Nos.				5409.18				
		Labour for	1.00	Each				540.92	540.92		540.92	
		Cost for	1.00	Each					52888.30			
		Add 10% for sub mountainous region										54.09
		Labour for	1.00	Each								595.01
		Cost for	1.00	Each								52942.39

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		400mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	52500.00	525000.00				
ii		3mm thick insertion sheet			Each	10.00	95.00	950.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						527550.00				
		Sundries @ 3% i.e. on Rs. 527550						15826.50				
		Add contractor's profit @ 10% i.e. on Rs. 543376.5						54337.65				
		Add Labour cess @ 1% i.e. on Rs. 597714.15						5977.14				
		Material Cost for	10	Nos.				603691.29				
		Material Cost for	1	Each				60369.13	60369.13			60369.13
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.250	223.36	2959.52				
ii		Helper (Skilled worker - Upper)			Each	11.750	181.86	2136.86				
		Total - II						5096.38				
		Sundries @ 3% i.e. on Rs. 5096.38						152.89				
		Add contractor's profit @ 21.50% i.e. on Rs. 5249.27						1128.59				
		Add Labour cess @ 1% i.e. on Rs. 6377.86						63.78				
		Labour for	10.00	Nos.				6441.64				
		Labour for	1.00	Each				644.16	644.16		644.16	
		Cost for	1.00	Each					61013.29			
		Add 10% for sub mountainous region										64.42
		Labour for	1.00	Each								708.58
		Cost for	1.00	Each								61077.71

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
j		450mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	65000.00	650000.00				
ii		3mm thick insertion sheet			Each	10.00	100.00	1000.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						652600.00				
		Sundries @ 3% i.e. on Rs. 652600						19578.00				
		Add contractor's profit @ 10% i.e. on Rs. 672178						67217.80				
		Add Labour cess @ 1% i.e. on Rs. 739395.8						7393.96				
		Material Cost for	10	Nos.				746789.76				
		Material Cost for	1	Each				74678.98	74678.98			74678.98
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	13.750	223.36	3071.20				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5298.99				
		Sundries @ 3% i.e. on Rs. 5298.99						158.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 5457.96						1173.46				
		Add Labour cess @ 1% i.e. on Rs. 6631.42						66.31				
		Labour for	10.00	Nos.				6697.73				
		Labour for	1.00	Each				669.77	669.77		669.77	
		Cost for	1.00	Each					75348.75			
		Add 10% for sub mountainous region										66.98
		Labour for	1.00	Each								736.75
		Cost for	1.00	Each								75415.73

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
k		500mm i/d Non-return valve										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Non-return valve			Each	10.00	95000.00	950000.00				
ii		3mm thick insertion sheet			Each	10.00	110.00	1100.00				
iii		Nuts and Bolts			Each	80.00	20.00	1600.00				
		Total - I						952700.00				
		Sundries @ 3% i.e. on Rs. 952700						28581.00				
		Add contractor's profit @ 10% i.e. on Rs. 981281						98128.10				
		Add Labour cess @ 1% i.e. on Rs. 1079409.1						10794.09				
		Material Cost for	10	Nos.				1090203.19				
		Material Cost for	1	Each				109020.32	109020.32			109020.32
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	14.500	223.36	3238.72				
ii		Helper (Skilled worker - Upper)			Each	12.250	181.86	2227.79				
		Total - II						5466.51				
		Sundries @ 3% i.e. on Rs. 5466.51						164.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 5630.51						1210.56				
		Add Labour cess @ 1% i.e. on Rs. 6841.07						68.41				
		Labour for	10.00	Nos.				6909.48				
		Labour for	1.00	Each				690.95	690.95		690.95	
		Cost for	1.00	Each					109711.27			
		Add 10% for sub mountainous region										69.10
		Labour for	1.00	Each								760.05
		Cost for	1.00	Each								109780.37

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.29		Providing, fixing and jointing Cast Iron surface box for Sluice valve, Air valve, Fire hydrant etc. including all carriages complete.								
		Unit :-	1	Kg.						
		Taking output	25	Kg.						
I		Materials								
i		Cost of surface box		Kg.	25.00	45.00	1125.00			
		Total - I					1125.00			
		Sundries @ 3% i.e. on Rs. 1125					33.75			
		Add contractor's profit @ 10% i.e. on Rs. 1158.75					115.88			
		Add Labour cess @ 1% i.e. on Rs. 1274.63					12.75			
		Material Cost for	25	Kg.			1287.38			
		Material Cost for	1	Kg.			51.50	51.50		51.50
II		Labour								
		Taking output	25	Kg.						
i		Mason Class-II		Each	0.125	190.00	23.75			
ii		Helper (Skilled worker - Upper)		Each	0.125	181.86	22.73			
		Total - II					46.48			
		Sundries @ 3% i.e. on Rs. 46.48					1.39			
		Add contractor's profit @ 21.50% i.e. on Rs. 47.87					10.29			
		Add Labour cess @ 1% i.e. on Rs. 58.16					0.58			
		Labour for	25.00	Kg.			58.74			
		Labour for	1.00	Kg.			2.35	2.35	2.35	
		Cost for	1.00	Kg.				53.85		
		Add 10% for sub mountainous region								0.24
		Labour for	1.00	Kg.						2.59
		Cost for	1.00	Kg.						54.09

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.30	Fixing cast iron fire hydrants surface boxes including carriage from Divisional Stores or nearest Railway Station and embedding to correct levels in Cement mortar 1:3.	Deleted & merged in 28.29							
	28.31	Fixing cast iron single air valves surface boxes including cartage from Divisional Stores or nearest Railway Station and embedding to correct levels in Cement mortar 1:3.	Deleted & merged in 28.29							
	28.32	Fixing cast iron double air valves surface boxes including cartage from Divisional Stores or nearest Railway Station and embedding to correct levels in Cement mortar 1:3.	Deleted & merged in 28.29							

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.30	DSR - 18.42	Boring with 100 mm diameter casing pipe for hand pump/ tube well in all soils except ordinary hard rocks requiring blasting including removing the casing pipe after the hand pipe/tube well is lowered and tested.								
a		Upto 6 ms depth.								
		Unit :-	1	m.						
		Taking output	6	m.						
I		Labour								
		For boring and removing the pipe								
i		Fitter Pipe (1st Class)		Each	0.50	223.36	111.68			
ii		Mazdoor (Skilled - Upper)		Each	3.00	164.69	494.07			
iii		Hire charges for derick monkey rope and other accessories		Day	0.50	600.00	300.00			
iv		Casing pipe 100 mm i/d Depreciation @ 2% of the cost of casing pipe 6 m.		m.	0.12	325.00	39.00			
		Total - I					944.75			
		Sundries @ 3% i.e. on Rs. 944.75					28.34			
		Add contractor's profit @ 21.50% i.e. on Rs. 973.09					209.21			
		Add Labour cess @ 1% i.e. on Rs. 1182.3					11.82			
		Labour for	6	m.			1194.12			
		Labour for	1	m.			199.02	199.02		199.02
		Cost for	1	m.				199.02		
		Add 10% for sub mountainous region								19.90
		Labour for	1	m.						218.92
		Cost for	1	m.						218.92

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b Beyond 6 ms and upto 12 ms depth.										
		Unit :-	1	m.						
		Taking output	6	m.						
I		Labour								
		For boring and removing the pipe								
i		Fitter Pipe (1st Class)		Each	0.62	223.36	138.48			
ii		Mazdoor (Skilled - Upper)		Each	3.50	164.69	576.42			
iii		Hire charges for derick monkey rope and other accessories		Day	0.62	600.00	372.00			
iv		Casing pipe 100 mm i/d Depreciation @ 2% of the cost of casing pipe 6 m.		m.	0.12	325.00	39.00			
		Total - I					1125.90			
		Sundries @ 3% i.e. on Rs. 1125.9					33.78			
		Add contractor's profit @ 21.50% i.e. on Rs. 1159.68					249.33			
		Add Labour cess @ 1% i.e. on Rs. 1409.01					14.09			
		Labour for	6	m.			1423.10			
		Labour for	1	m.			237.18	237.18		237.18
		Cost for	1	m.				237.18		
		Add 10% for sub mountainous region								23.72
		Labour for	1	m.						260.90
		Cost for	1	m.						260.90

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		Beyond 12 ms and upto 18 ms depth.								
		Unit :-	1	m.						
		Taking output	6	m.						
I		Labour								
		For boring and removing the pipe								
i		Fitter Pipe (1st Class)		Each	0.75	223.36	167.52			
ii		Mazdoor (Skilled - Upper)		Each	4.00	164.69	658.76			
iii		Hire charges for derick monkey rope and other accessories		Day	0.75	600.00	450.00			
iv		Casing pipe 100 mm i/d Depreciation @ 2% of the cost of casing pipe 6 m.		m.	0.12	325.00	39.00			
		Total - I					1315.28			
		Sundries @ 3% i.e. on Rs. 1315.28					39.46			
		Add contractor's profit @ 21.50% i.e. on Rs. 1354.74					291.27			
		Add Labour cess @ 1% i.e. on Rs. 1646.01					16.46			
		Labour for	6	m.			1662.47			
		Labour for	1	m.			277.08	277.08		277.08
		Cost for	1	m.				277.08		
		Add 10% for sub mountainous region								27.71
		Labour for	1	m.						304.79
		Cost for	1	m.						304.79

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.31		DSR - Providing and placing in position filters of 40 mm diameter G.I. pipe with brass strainer of approved quality.								
		Unit :-	1	m.						
		Taking output of one strainer:	1.5	m.						
I		Material								
i		Cost of strainer 40mm diameter 1.5m long			Each	1.000	450.00			
		Total - I					450.00			
		Sundries @ 3% i.e. on Rs. 450					13.50			
		Add contractor's profit @ 10% i.e. on Rs. 463.5					46.35			
		Add Labour cess @ 1% i.e. on Rs. 509.85					5.10			
		Material cost for	1.50	m.			514.95			
		Material cost for	1.00	m.			343.30		343.30	
II		Labour								
		Taking output	1.5	m.						
i		Fitter Pipe (Ist Class)			Each	0.17	223.36			
ii		Mazdoor (Skilled - Upper)			Each	0.17	164.69			
		Total - II					65.97			
		Sundries @ 3% i.e. on Rs. 65.97					1.98			
		Add contractor's profit @ 21.50% i.e. on Rs. 67.95					14.61			
		Add Labour cess @ 1% i.e. on Rs. 82.56					0.83			
		Labour for	1.5	m.			83.39			
		Labour for	1	m.			55.59		55.59	
		Cost for	1	m.					398.89	
		Add 10% for sub mountainous region								5.56
		Labour for	1	m.						61.15
		Cost for	1	m.						404.45

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.32	DSR -	Providing and fixing to filter and lowering to proper levels 40 mm								
	18.44	G.I. pipe for tube well including cleaning and priming the tube well.								
		Unit :-	1	m.						
		Taking output of Depth of :	10	m.						
I		Material								
i		40mm G.I. pipe		m.	10.000	194.48	1944.80			
ii		Cost of sockets. Cutting and wastage @ 2%					38.90			
		Total - I					1983.70			
		Sundries @ 3% i.e. on Rs. 1983.7					59.51			
		Add contractor's profit @ 10% i.e. on Rs. 2043.21					204.32			
		Add Labour cess @ 1% i.e. on Rs. 2247.53					22.48			
		Material cost for	10.00	m.			2270.01			
		Material cost for	1.00	m.			227.00	227.00		227.00
II		Labour								
		Taking output	10	m.						
i		Fitter Pipe (Ist Class)		Each	0.33	223.36	73.71			
ii		Mazdoor (Skilled - Upper)		Each	0.75	164.69	123.52			
		Total - II					197.23			
		Sundries @ 3% i.e. on Rs. 197.23					5.92			
		Add contractor's profit @ 21.50% i.e. on Rs. 203.15					43.68			
		Add Labour cess @ 1% i.e. on Rs. 246.83					2.47			
		Labour for	10	m.			249.30			
		Labour for	1	m.			24.93	24.93		24.93
		Cost for	1	m.				251.93		
		Add 10% for sub mountainous region								2.49
		Labour for	1	m.						27.42
		Cost for	1	m.						254.42

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.33		Providing ferrule, drilling and tapping cast iron pipe lines of all diametres and screwing in Ferrule and connections complete in all respect.								
a		10mm i/d Ferrule medium								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Cost of Ferrule		Each	10.00	180.00	1800.00			
		Total - I					1800.00			
		Sundries @ 3% i.e. on Rs. 1800					54.00			
		Add contractor's profit @ 10% i.e. on Rs. 1854					185.40			
		Add Labour cess @ 1% i.e. on Rs. 2039.4					20.39			
		Material Cost for	10	Nos.			2059.79			
		Material Cost for	1	Each			205.98	205.98		205.98
II		Labour								
		Taking output	10	Nos.						
i		Fitter Pipe (Ist Class)		Each	1.250	223.36	279.20			
ii		Helper (Skilled worker - Upper)		Each	1.250	181.86	227.33			
		Total - II					506.53			
		Sundries @ 3% i.e. on Rs. 506.53					15.20			
		Add contractor's profit @ 21.50% i.e. on Rs. 521.73					112.17			
		Add Labour cess @ 1% i.e. on Rs. 633.9					6.34			
		Labour for	10.00	Nos.			640.24			
		Labour for	1.00	Each			64.02	64.02	64.02	
		Cost for	1.00	Each				270.00		
		Add 10% for sub mountainous region								6.40
		Labour for	1.00	Each						70.42
		Cost for	1.00	Each						276.40

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		15mm i/d Ferrule medium										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Ferrule			Each	10.00	200.00	2000.00				
		Total - I						2000.00				
		Sundries @ 3% i.e. on Rs. 2000						60.00				
		Add contractor's profit @ 10% i.e. on Rs. 2060						206.00				
		Add Labour cess @ 1% i.e. on Rs. 2266						22.66				
		Material Cost for	10	Nos.				2288.66				
		Material Cost for	1	Each				228.87	228.87			228.87
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.375	223.36	307.12				
ii		Helper (Skilled worker - Upper)			Each	1.500	181.86	272.79				
		Total - II						579.91				
		Sundries @ 3% i.e. on Rs. 579.91						17.40				
		Add contractor's profit @ 21.50% i.e. on Rs. 597.31						128.42				
		Add Labour cess @ 1% i.e. on Rs. 725.73						7.26				
		Labour for	10.00	Nos.				732.99				
		Labour for	1.00	Each				73.30	73.30		73.30	
		Cost for	1.00	Each					302.17			
		Add 10% for sub mountainous region										7.33
		Labour for	1.00	Each								80.63
		Cost for	1.00	Each								309.50

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		15mm i/d Ferrule heavy duty										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Ferrule			Each	10.00	250.00	2500.00				
		Total - I						2500.00				
		Sundries @ 3% i.e. on Rs. 2500						75.00				
		Add contractor's profit @ 10% i.e. on Rs. 2575						257.50				
		Add Labour cess @ 1% i.e. on Rs. 2832.5						28.33				
		Material Cost for	10	Nos.				2860.83				
		Material Cost for	1	Each				286.08	286.08			286.08
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.375	223.36	307.12				
ii		Helper (Skilled worker - Upper)			Each	1.500	181.86	272.79				
		Total - II						579.91				
		Sundries @ 3% i.e. on Rs. 579.91						17.40				
		Add contractor's profit @ 21.50% i.e. on Rs. 597.31						128.42				
		Add Labour cess @ 1% i.e. on Rs. 725.73						7.26				
		Labour for	10.00	Nos.				732.99				
		Labour for	1.00	Each				73.30	73.30		73.30	
		Cost for	1.00	Each					359.38			
		Add 10% for sub mountainous region										7.33
		Labour for	1.00	Each								80.63
		Cost for	1.00	Each								366.71

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		20mm i/d Ferrule heavy duty										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Ferrule			Each	10.00	350.00	3500.00				
		Total - I						3500.00				
		Sundries @ 3% i.e. on Rs. 3500						105.00				
		Add contractor's profit @ 10% i.e. on Rs. 3605						360.50				
		Add Labour cess @ 1% i.e. on Rs. 3965.5						39.66				
		Material Cost for	10	Nos.				4005.16				
		Material Cost for	1	Each				400.52	400.52			400.52
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	3.750	223.36	837.60				
ii		Helper (Skilled worker - Upper)			Each	2.000	181.86	363.72				
		Total - II						1201.32				
		Sundries @ 3% i.e. on Rs. 1201.32						36.04				
		Add contractor's profit @ 21.50% i.e. on Rs. 1237.36						266.03				
		Add Labour cess @ 1% i.e. on Rs. 1503.39						15.03				
		Labour for	10.00	Nos.				1518.42				
		Labour for	1.00	Each				151.84	151.84		151.84	
		Cost for	1.00	Each					552.36			
		Add 10% for sub mountainous region										15.18
		Labour for	1.00	Each								167.02
		Cost for	1.00	Each								567.54

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		25mm i/d Ferrule heavy duty										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Ferrule			Each	10.00	750.00	7500.00				
		Total - I						7500.00				
		Sundries @ 3% i.e. on Rs. 7500						225.00				
		Add contractor's profit @ 10% i.e. on Rs. 7725						772.50				
		Add Labour cess @ 1% i.e. on Rs. 8497.5						84.98				
		Material Cost for	10	Nos.				8582.48				
		Material Cost for	1	Each				858.25	858.25			858.25
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	5.250	223.36	1172.64				
ii		Helper (Skilled worker - Upper)			Each	2.500	181.86	454.65				
		Total - II						1627.29				
		Sundries @ 3% i.e. on Rs. 1627.29						48.82				
		Add contractor's profit @ 21.50% i.e. on Rs. 1676.11						360.36				
		Add Labour cess @ 1% i.e. on Rs. 2036.47						20.36				
		Labour for	10.00	Nos.				2056.83				
		Labour for	1.00	Each				205.68	205.68		205.68	
		Cost for	1.00	Each					1063.93			
		Add 10% for sub mountainous region										20.57
		Labour for	1.00	Each								226.25
		Cost for	1.00	Each								1084.50

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.34		Providing and laying, jointing fixing and testing G.I. Pipe lines B-Class including cost of specials such as tees, bends, sockets, elbows etc. testing, cutting, threading Inside building complete.								
a		15mm i/d								
		Unit :-	1	m.						
		Taking output for:-	30	m.						
I		Material								
i		Cost of G.I. Pipe		m.	30.00	72.80	2184.00			
		Add cost of specials & wastage @ 25%					546.00			
ii		Cost of iron holder bats		Each	12.00	5.00	60.00			
		Total - I					2790.00			
		Sundries @ 3% i.e. on Rs. 2790					83.70			
		Add contractor's profit @ 10% i.e. on Rs. 2873.7					287.37			
		Add Labour cess @ 1% i.e. on Rs. 3161.07					31.61			
		Material cost for	30.00	m.			3192.68			
		Material cost for	1.00	m.			106.42	106.42		106.42
II		Labour								
		Taking output for:-	30	m.						
i		Fitter Pipe (Ist Class)		Each	2.50	223.36	558.40			
ii		Mazdoor (Skilled - Upper)		Each	2.50	164.69	411.73			
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line		Each	0.25	223.36	55.84			
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.		Each	0.25	181.86	45.47			
		Total - II					1071.44			
		Sundries @ 3% i.e. on Rs. 1071.44					32.14			
		Add contractor's profit @ 21.50% i.e. on Rs. 1103.58					237.27			
		Add Labour cess @ 1% i.e. on Rs. 1340.85					13.41			
		Labour for	30	m.			1354.26			
		Labour for	1	m.			45.14	45.14		45.14
		Cost for	1	m.				151.56		
		Add 10% for sub mountainous region								4.51
		Labour for	1	m.						49.65
		Cost for	1	m.						156.07

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		20mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	93.60	2808.00				
		Add cost of specials & wastage @ 25%						702.00				
ii		Cost of iron holder bats			Each	12.00	5.00	60.00				
		Total - I						3570.00				
		Sundries @ 3% i.e. on Rs. 3570						107.10				
		Add contractor's profit @ 10% i.e. on Rs. 3677.1						367.71				
		Add Labour cess @ 1% i.e. on Rs. 4044.81						40.45				
		Material cost for	30.00	m.				4085.26				
		Material cost for	1.00	m.				136.18	136.18			136.18
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	2.50	223.36	558.40				
ii		Mazdoor (Skilled - Upper)			Each	3.00	164.69	494.07				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.375	223.36	83.76				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.375	181.86	68.20				
		Total - II						1204.43				
		Sundries @ 3% i.e. on Rs. 1204.43						36.13				
		Add contractor's profit @ 21.50% i.e. on Rs. 1240.56						266.72				
		Add Labour cess @ 1% i.e. on Rs. 1507.28						15.07				
		Labour for	30	m.				1522.35				
		Labour for	1	m.				50.75	50.75			50.75
		Cost for	1	m.					186.93			
		Add 10% for sub mountainous region										5.08
		Labour for	1	m.								55.83
		Cost for	1	m.								192.01

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		25mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	133.12	3993.60				
		Add cost of specials & wastage @ 25%						998.40				
ii		Cost of iron holder bats			Each	12.00	5.00	60.00				
		Total - I						5052.00				
		Sundries @ 3% i.e. on Rs. 5052						151.56				
		Add contractor's profit @ 10% i.e. on Rs. 5203.56						520.36				
		Add Labour cess @ 1% i.e. on Rs. 5723.92						57.24				
		Material cost for	30.00	m.				5781.16				
		Material cost for	1.00	m.				192.71	192.71			192.71
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	2.50	223.36	558.40				
ii		Mazdoor (Skilled - Upper)			Each	3.50	164.69	576.42				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.75	223.36	167.52				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.75	181.86	136.40				
		Total - II						1438.74				
		Sundries @ 3% i.e. on Rs. 1438.74						43.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 1481.9						318.61				
		Add Labour cess @ 1% i.e. on Rs. 1800.51						18.01				
		Labour for	30	m.				1818.52				
		Labour for	1	m.				60.62	60.62			60.62
		Cost for	1	m.					253.33			
		Add 10% for sub mountainous region										6.06
		Labour for	1	m.								66.68
		Cost for	1	m.								259.39

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		32mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	167.44	5023.20				
		Add cost of specials & wastage @ 25%						1255.80				
ii		Cost of iron holder bats			Each	12.00	5.00	60.00				
		Total - I						6339.00				
		Sundries @ 3% i.e. on Rs. 6339						190.17				
		Add contractor's profit @ 10% i.e. on Rs. 6529.17						652.92				
		Add Labour cess @ 1% i.e. on Rs. 7182.09						71.82				
		Material cost for	30.00	m.				7253.91				
		Material cost for	1.00	m.				241.80	241.80			241.80
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	2.50	223.36	558.40				
ii		Mazdoor (Skilled - Upper)			Each	4.50	164.69	741.11				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						1654.08				
		Sundries @ 3% i.e. on Rs. 1654.08						49.62				
		Add contractor's profit @ 21.50% i.e. on Rs. 1703.7						366.30				
		Add Labour cess @ 1% i.e. on Rs. 2070						20.70				
		Labour for	30	m.				2090.70				
		Labour for	1	m.				69.69	69.69			69.69
		Cost for	1	m.					311.49			
		Add 10% for sub mountainous region										6.97
		Labour for	1	m.								76.66
		Cost for	1	m.								318.46

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	194.48	5834.40				
		Add cost of specials & wastage @ 25%						1458.60				
ii		Cost of iron holder bats			Each	12.00	5.00	60.00				
		Total - I						7353.00				
		Sundries @ 3% i.e. on Rs. 7353						220.59				
		Add contractor's profit @ 10% i.e. on Rs. 7573.59						757.36				
		Add Labour cess @ 1% i.e. on Rs. 8330.95						83.31				
		Material cost for	30.00	m.				8414.26				
		Material cost for	1.00	m.				280.48	280.48			280.48
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	2.50	223.36	558.40				
ii		Mazdoor (Skilled - Upper)			Each	4.50	164.69	741.11				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.00	223.36	223.36				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.00	181.86	181.86				
		Total - II						1704.73				
		Sundries @ 3% i.e. on Rs. 1704.73						51.14				
		Add contractor's profit @ 21.50% i.e. on Rs. 1755.87						377.51				
		Add Labour cess @ 1% i.e. on Rs. 2133.38						21.33				
		Labour for	30	m.				2154.71				
		Labour for	1	m.				71.82	71.82			71.82
		Cost for	1	m.					352.30			
		Add 10% for sub mountainous region										7.18
		Labour for	1	m.								79.00
		Cost for	1	m.								359.48

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	252.72	7581.60				
		Add cost of specials & wastage @ 25%						1895.40				
ii		Cost of iron holder bats			Each	12.00	5.00	60.00				
		Total - I						9537.00				
		Sundries @ 3% i.e. on Rs. 9537						286.11				
		Add contractor's profit @ 10% i.e. on Rs. 9823.11						982.31				
		Add Labour cess @ 1% i.e. on Rs. 10805.42						108.05				
		Material cost for	30.00	m.				10913.47				
		Material cost for	1.00	m.				363.78	363.78			363.78
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	2.75	223.36	614.24				
ii		Mazdoor (Skilled - Upper)			Each	5.50	164.69	905.80				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.25	223.36	279.20				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.25	181.86	227.33				
		Total - II						2026.57				
		Sundries @ 3% i.e. on Rs. 2026.57						60.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 2087.37						448.78				
		Add Labour cess @ 1% i.e. on Rs. 2536.15						25.36				
		Labour for	30	m.				2561.51				
		Labour for	1	m.				85.38	85.38			85.38
		Cost for	1	m.					449.16			
		Add 10% for sub mountainous region										8.54
		Labour for	1	m.								93.92
		Cost for	1	m.								457.70

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.35		Providing, laying, jointing, fixing and testing H.D.P.E. / PVC Pipe lines, with G.I. specials such as tees, bends, sockets, elbows etc. testing inside building complete.								
A		H.D.P.E. / PVC pipe 10 Kg/cm ²								
a		20mm i/d								
		Unit :-	1	m.						
		Taking output for:-	40	m.						
I		Material								
i		Cost of H.D.P.E. / PVC Pipe		m.	40.00	28.00	1120.00			
		Add cost of G.I. specials @ 25%					280.00			
		Total - I					1400.00			
		Sundries @ 3% i.e. on Rs. 1400					42.00			
		Add contractor's profit @ 10% i.e. on Rs. 1442					144.20			
		Add Labour cess @ 1% i.e. on Rs. 1586.2					15.86			
		Material cost for	40.00	m.			1602.06			
		Material cost for	1.00	m.			40.05	40.05		40.05
II		Labour								
		Taking output for:-	40	m.						
i		Fitter Pipe (Ist Class)		Each	2.00	223.36	446.72			
ii		Mazdoor (Skilled - Upper)		Each	2.50	164.69	411.73			
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line		Each	0.375	223.36	83.76			
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.		Each	0.375	181.86	68.20			
		Total - II					1010.41			
		Sundries @ 3% i.e. on Rs. 1010.41					30.31			
		Add contractor's profit @ 21.50% i.e. on Rs. 1040.72					223.75			
		Add Labour cess @ 1% i.e. on Rs. 1264.47					12.64			
		Labour for	40	m.			1277.11			
		Labour for	1	m.			31.93	31.93		31.93
		Cost for	1	m.				71.98		
		Add 10% for sub mountainous region								3.19
		Labour for	1	m.						35.12
		Cost for	1	m.						75.17

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		25mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	48.00	1920.00				
		Add cost of G.I. specials @ 25%						480.00				
		Total - I						2400.00				
		Sundries @ 3% i.e. on Rs. 2400						72.00				
		Add contractor's profit @ 10% i.e. on Rs. 2472						247.20				
		Add Labour cess @ 1% i.e. on Rs. 2719.2						27.19				
		Material cost for	40.00	m.				2746.39				
		Material cost for	1.00	m.				68.66	68.66			68.66
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
ii		Mazdoor (Skilled - Upper)			Each	3.00	164.69	494.07				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.75	223.36	167.52				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.75	181.86	136.40				
		Total - II						1244.71				
		Sundries @ 3% i.e. on Rs. 1244.71						37.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 1282.05						275.64				
		Add Labour cess @ 1% i.e. on Rs. 1557.69						15.58				
		Labour for	40	m.				1573.27				
		Labour for	1	m.				39.33	39.33			39.33
		Cost for	1	m.					107.99			
		Add 10% for sub mountainous region										3.93
		Labour for	1	m.								43.26
		Cost for	1	m.								111.92

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		32mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	72.00	2880.00				
		Add cost of G.I. specials @ 25%						720.00				
		Total - I						3600.00				
		Sundries @ 3% i.e. on Rs. 3600						108.00				
		Add contractor's profit @ 10% i.e. on Rs. 3708						370.80				
		Add Labour cess @ 1% i.e. on Rs. 4078.8						40.79				
		Material cost for	40.00	m.				4119.59				
		Material cost for	1.00	m.				102.99	102.99			102.99
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
ii		Mazdoor (Skilled - Upper)			Each	4.00	164.69	658.76				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						1460.05				
		Sundries @ 3% i.e. on Rs. 1460.05						43.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 1503.85						323.33				
		Add Labour cess @ 1% i.e. on Rs. 1827.18						18.27				
		Labour for	40	m.				1845.45				
		Labour for	1	m.				46.14	46.14			46.14
		Cost for	1	m.					149.13			
		Add 10% for sub mountainous region										4.61
		Labour for	1	m.								50.75
		Cost for	1	m.								153.74

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	110.00	4400.00				
		Add cost of G.I. specials @ 25%						1100.00				
		Total - I						5500.00				
		Sundries @ 3% i.e. on Rs. 5500						165.00				
		Add contractor's profit @ 10% i.e. on Rs. 5665						566.50				
		Add Labour cess @ 1% i.e. on Rs. 6231.5						62.32				
		Material cost for	40.00	m.				6293.82				
		Material cost for	1.00	m.				157.35	157.35			157.35
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
ii		Mazdoor (Skilled - Upper)			Each	4.00	164.69	658.76				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.00	223.36	223.36				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.00	181.86	181.86				
		Total - II						1510.70				
		Sundries @ 3% i.e. on Rs. 1510.7						45.32				
		Add contractor's profit @ 21.50% i.e. on Rs. 1556.02						334.54				
		Add Labour cess @ 1% i.e. on Rs. 1890.56						18.91				
		Labour for	40	m.				1909.47				
		Labour for	1	m.				47.74	47.74			47.74
		Cost for	1	m.					205.09			
		Add 10% for sub mountainous region										4.77
		Labour for	1	m.								52.51
		Cost for	1	m.								209.86

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	170.00	6800.00				
		Add cost of G.I. specials @ 25%						1700.00				
		Total - I						8500.00				
		Sundries @ 3% i.e. on Rs. 8500						255.00				
		Add contractor's profit @ 10% i.e. on Rs. 8755						875.50				
		Add Labour cess @ 1% i.e. on Rs. 9630.5						96.31				
		Material cost for	40.00	m.				9726.81				
		Material cost for	1.00	m.				243.17	243.17			243.17
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.25	223.36	502.56				
ii		Mazdoor (Skilled - Upper)			Each	5.00	164.69	823.45				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.25	223.36	279.20				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.25	181.86	227.33				
		Total - II						1832.54				
		Sundries @ 3% i.e. on Rs. 1832.54						54.98				
		Add contractor's profit @ 21.50% i.e. on Rs. 1887.52						405.82				
		Add Labour cess @ 1% i.e. on Rs. 2293.34						22.93				
		Labour for	40	m.				2316.27				
		Labour for	1	m.				57.91	57.91			57.91
		Cost for	1	m.					301.08			
		Add 10% for sub mountainous region										5.79
		Labour for	1	m.								63.70
		Cost for	1	m.								306.87

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
B		H.D.P.E. / PVC pipe 6 Kg/cm ²								
a		32mm i/d								
		Unit :-	1	m.						
		Taking output for:-	40	m.						
I		Material								
i		Cost of H.D.P.E / PVC Pipe	m.	40.00	48.00	1920.00				
		Add cost of G.I. specials @ 25%				480.00				
		Total - I				2400.00				
		Sundries @ 3% i.e. on Rs. 2400				72.00				
		Add contractor's profit @ 10% i.e. on Rs. 2472				247.20				
		Add Labour cess @ 1% i.e. on Rs. 2719.2				27.19				
		Material cost for	40.00	m.		2746.39				
		Material cost for	1.00	m.		68.66	68.66			68.66
II		Labour								
		Taking output for:-	40	m.						
i		Fitter Pipe (Ist Class)	Each	2.00	223.36	446.72				
ii		Mazdoor (Skilled - Upper)	Each	4.00	164.69	658.76				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line	Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.	Each	0.875	181.86	159.13				
		Total - II				1460.05				
		Sundries @ 3% i.e. on Rs. 1460.05				43.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 1503.85				323.33				
		Add Labour cess @ 1% i.e. on Rs. 1827.18				18.27				
		Labour for	40	m.		1845.45				
		Labour for	1	m.		46.14	46.14			46.14
		Cost for	1	m.			114.80			
		Add 10% for sub mountainous region								4.61
		Labour for	1	m.						50.75
		Cost for	1	m.						119.41

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	73.00	2920.00				
		Add cost of G.I. specials @ 25%						730.00				
		Total - I						3650.00				
		Sundries @ 3% i.e. on Rs. 3650						109.50				
		Add contractor's profit @ 10% i.e. on Rs. 3759.5						375.95				
		Add Labour cess @ 1% i.e. on Rs. 4135.45						41.35				
		Material cost for	40.00	m.				4176.80				
		Material cost for	1.00	m.				104.42	104.42			104.42
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
ii		Mazdoor (Skilled - Upper)			Each	4.00	164.69	658.76				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.00	223.36	223.36				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.00	181.86	181.86				
		Total - II						1510.70				
		Sundries @ 3% i.e. on Rs. 1510.7						45.32				
		Add contractor's profit @ 21.50% i.e. on Rs. 1556.02						334.54				
		Add Labour cess @ 1% i.e. on Rs. 1890.56						18.91				
		Labour for	40	m.				1909.47				
		Labour for	1	m.				47.74	47.74			47.74
		Cost for	1	m.					152.16			
		Add 10% for sub mountainous region										4.77
		Labour for	1	m.								52.51
		Cost for	1	m.								156.93

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	113.00	4520.00				
		Add cost of G.I. specials @ 25%						1130.00				
		Total - I						5650.00				
		Sundries @ 3% i.e. on Rs. 5650						169.50				
		Add contractor's profit @ 10% i.e. on Rs. 5819.5						581.95				
		Add Labour cess @ 1% i.e. on Rs. 6401.45						64.01				
		Material cost for	40.00	m.				6465.46				
		Material cost for	1.00	m.				161.64	161.64			161.64
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.25	223.36	502.56				
ii		Mazdoor (Skilled - Upper)			Each	5.00	164.69	823.45				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.25	223.36	279.20				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.25	181.86	227.33				
		Total - II						1832.54				
		Sundries @ 3% i.e. on Rs. 1832.54						54.98				
		Add contractor's profit @ 21.50% i.e. on Rs. 1887.52						405.82				
		Add Labour cess @ 1% i.e. on Rs. 2293.34						22.93				
		Labour for	40	m.				2316.27				
		Labour for	1	m.				57.91	57.91			57.91
		Cost for	1	m.					219.55			
		Add 10% for sub mountainous region										5.79
		Labour for	1	m.								63.70
		Cost for	1	m.								225.34

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
C		H.D.P.E. / PVC pipe 4 Kg/cm²										
a		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	54.00	2160.00				
		Add cost of G.I. specials @ 25%						540.00				
		Total - I						2700.00				
		Sundries @ 3% i.e. on Rs. 2700						81.00				
		Add contractor's profit @ 10% i.e. on Rs. 2781						278.10				
		Add Labour cess @ 1% i.e. on Rs. 3059.1						30.59				
		Material cost for	40.00	m.				3089.69				
		Material cost for	1.00	m.				77.24	77.24			77.24
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.00	223.36	446.72				
ii		Mazdoor (Skilled - Upper)			Each	4.00	164.69	658.76				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.00	223.36	223.36				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.00	181.86	181.86				
		Total - II						1510.70				
		Sundries @ 3% i.e. on Rs. 1510.7						45.32				
		Add contractor's profit @ 21.50% i.e. on Rs. 1556.02						334.54				
		Add Labour cess @ 1% i.e. on Rs. 1890.56						18.91				
		Labour for	40	m.				1909.47				
		Labour for	1	m.				47.74	47.74			47.74
		Cost for	1	m.					124.98			
		Add 10% for sub mountainous region										4.77
		Labour for	1	m.								52.51
		Cost for	1	m.								129.75

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	40	m.								
I		Material										
i		Cost of H.D.P.E / PVC Pipe			m.	40.00	81.00	3240.00				
		Add cost of G.I. specials @ 25%						810.00				
		Total - I						4050.00				
		Sundries @ 3% i.e. on Rs. 4050						121.50				
		Add contractor's profit @ 10% i.e. on Rs. 4171.5						417.15				
		Add Labour cess @ 1% i.e. on Rs. 4588.65						45.89				
		Material cost for	40.00	m.				4634.54				
		Material cost for	1.00	m.				115.86	115.86			115.86
II		Labour										
		Taking output for:-	40	m.								
i		Fitter Pipe (Ist Class)			Each	2.25	223.36	502.56				
ii		Mazdoor (Skilled - Upper)			Each	5.00	164.69	823.45				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.25	223.36	279.20				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.25	181.86	227.33				
		Total - II						1832.54				
		Sundries @ 3% i.e. on Rs. 1832.54						54.98				
		Add contractor's profit @ 21.50% i.e. on Rs. 1887.52						405.82				
		Add Labour cess @ 1% i.e. on Rs. 2293.34						22.93				
		Labour for	40	m.				2316.27				
		Labour for	1	m.				57.91	57.91			57.91
		Cost for	1	m.					173.77			
		Add 10% for sub mountainous region										5.79
		Labour for	1	m.								63.70
		Cost for	1	m.								179.56

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.36		Providing and laying, jointing, fixing, testing G.I. Pipe Lines B-Class, including cost of Specials such as tees, bends, sockets elbow etc., cutting, threading and testing in trenches in the ground complete.								
a		15mm i/d								
		Unit :-	1	m.						
		Taking output for:-	30	m.						
I		Material								
i		Cost of G.I. Pipe		m.	30.00	72.80	2184.00			
		Add cost of specials & wastage @ 10%				218.40				
		Total - I				2402.40				
		Sundries @ 3% i.e. on Rs. 2402.4				72.07				
		Add contractor's profit @ 10% i.e. on Rs. 2474.47				247.45				
		Add Labour cess @ 1% i.e. on Rs. 2721.92				27.22				
		Material cost for	30.00	m.			2749.14			
		Material cost for	1.00	m.			91.64	91.64		91.64
II		Labour								
		Taking output for:-	30	m.						
i		Fitter Pipe (Ist Class)		Each	0.375	223.36	83.76			
ii		Mazdoor (Skilled - Upper)		Each	0.75	164.69	123.52			
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line		Each	0.25	223.36	55.84			
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.		Each	0.25	181.86	45.47			
		Total - II					308.59			
		Sundries @ 3% i.e. on Rs. 308.59					9.26			
		Add contractor's profit @ 21.50% i.e. on Rs. 317.85					68.34			
		Add Labour cess @ 1% i.e. on Rs. 386.19					3.86			
		Labour for	30	m.			390.05			
		Labour for	1	m.			13.00	13.00		13.00
		Cost for	1	m.				104.64		
		Add 10% for sub mountainous region								1.30
		Labour for	1	m.						14.30
		Cost for	1	m.						105.94

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		20mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	93.60	2808.00				
		Add cost of specials & wastage @ 10%						280.80				
		Total - I						3088.80				
		Sundries @ 3% i.e. on Rs. 3088.8						92.66				
		Add contractor's profit @ 10% i.e. on Rs. 3181.46						318.15				
		Add Labour cess @ 1% i.e. on Rs. 3499.61						35.00				
		Material cost for	30.00	m.				3534.61				
		Material cost for	1.00	m.				117.82	117.82			117.82
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (1st Class)			Each	0.50	223.36	111.68				
ii		Mazdoor (Skilled - Upper)			Each	0.75	164.69	123.52				
iii		Extra provision of Fitter Pipe (1st Class) for testing pipe line			Each	0.375	223.36	83.76				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.375	181.86	68.20				
		Total - II						387.16				
		Sundries @ 3% i.e. on Rs. 387.16						11.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 398.77						85.74				
		Add Labour cess @ 1% i.e. on Rs. 484.51						4.85				
		Labour for	30	m.				489.36				
		Labour for	1	m.				16.31	16.31			16.31
		Cost for	1	m.					134.13			
		Add 10% for sub mountainous region										1.63
		Labour for	1	m.								17.94
		Cost for	1	m.								135.76

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		25mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	133.12	3993.60				
		Add cost of specials & wastage @ 10%						399.36				
		Total - I						4392.96				
		Sundries @ 3% i.e. on Rs. 4392.96						131.79				
		Add contractor's profit @ 10% i.e. on Rs. 4524.75						452.48				
		Add Labour cess @ 1% i.e. on Rs. 4977.23						49.77				
		Material cost for	30.00	m.				5027.00				
		Material cost for	1.00	m.				167.57	167.57			167.57
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	0.75	223.36	167.52				
ii		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.375	223.36	83.76				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.375	181.86	68.20				
		Total - II						484.17				
		Sundries @ 3% i.e. on Rs. 484.17						14.53				
		Add contractor's profit @ 21.50% i.e. on Rs. 498.7						107.22				
		Add Labour cess @ 1% i.e. on Rs. 605.92						6.06				
		Labour for	30	m.				611.98				
		Labour for	1	m.				20.40	20.40			20.40
		Cost for	1	m.					187.97			
		Add 10% for sub mountainous region										2.04
		Labour for	1	m.								22.44
		Cost for	1	m.								190.01

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		32mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	167.44	5023.20				
		Add cost of specials & wastage @ 10%						502.32				
		Total - I						5525.52				
		Sundries @ 3% i.e. on Rs. 5525.52						165.77				
		Add contractor's profit @ 10% i.e. on Rs. 5691.29						569.13				
		Add Labour cess @ 1% i.e. on Rs. 6260.42						62.60				
		Material cost for	30.00	m.				6323.02				
		Material cost for	1.00	m.				210.77	210.77			210.77
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	0.75	223.36	167.52				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						727.95				
		Sundries @ 3% i.e. on Rs. 727.95						21.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 749.79						161.20				
		Add Labour cess @ 1% i.e. on Rs. 910.99						9.11				
		Labour for	30	m.				920.10				
		Labour for	1	m.				30.67	30.67			30.67
		Cost for	1	m.					241.44			
		Add 10% for sub mountainous region										3.07
		Labour for	1	m.								33.74
		Cost for	1	m.								244.51

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	194.48	5834.40				
		Add cost of specials & wastage @ 10%						583.44				
		Total - I						6417.84				
		Sundries @ 3% i.e. on Rs. 6417.84						192.54				
		Add contractor's profit @ 10% i.e. on Rs. 6610.38						661.04				
		Add Labour cess @ 1% i.e. on Rs. 7271.42						72.71				
		Material cost for	30.00	m.				7344.13				
		Material cost for	1.00	m.				244.80	244.80			244.80
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	0.88	223.36	195.44				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						755.87				
		Sundries @ 3% i.e. on Rs. 755.87						22.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 778.55						167.39				
		Add Labour cess @ 1% i.e. on Rs. 945.94						9.46				
		Labour for	30	m.				955.40				
		Labour for	1	m.				31.85	31.85			31.85
		Cost for	1	m.					276.65			
		Add 10% for sub mountainous region										3.19
		Labour for	1	m.								35.04
		Cost for	1	m.								279.84

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	252.72	7581.60				
		Add cost of specials & wastage @ 10%						758.16				
		Total - I						8339.76				
		Sundries @ 3% i.e. on Rs. 8339.76						250.19				
		Add contractor's profit @ 10% i.e. on Rs. 8589.95						859.00				
		Add Labour cess @ 1% i.e. on Rs. 9448.95						94.49				
		Material cost for	30.00	m.				9543.44				
		Material cost for	1.00	m.				318.11	318.11			318.11
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (1st Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						783.79				
		Sundries @ 3% i.e. on Rs. 783.79						23.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 807.3						173.57				
		Add Labour cess @ 1% i.e. on Rs. 980.87						9.81				
		Labour for	30	m.				990.68				
		Labour for	1	m.				33.02	33.02			33.02
		Cost for	1	m.					351.13			
		Add 10% for sub mountainous region										3.30
		Labour for	1	m.								36.32
		Cost for	1	m.								354.43

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		65mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	318.24	9547.20				
		Add cost of specials & wastage @ 10%						954.72				
		Total - I						10501.92				
		Sundries @ 3% i.e. on Rs. 10501.92						315.06				
		Add contractor's profit @ 10% i.e. on Rs. 10816.98						1081.70				
		Add Labour cess @ 1% i.e. on Rs. 11898.68						118.99				
		Material cost for	30.00	m.				12017.67				
		Material cost for	1.00	m.				400.59	400.59			400.59
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						783.79				
		Sundries @ 3% i.e. on Rs. 783.79						23.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 807.3						173.57				
		Add Labour cess @ 1% i.e. on Rs. 980.87						9.81				
		Labour for	30	m.				990.68				
		Labour for	1	m.				33.02	33.02			33.02
		Cost for	1	m.					433.61			
		Add 10% for sub mountainous region										3.30
		Labour for	1	m.								36.32
		Cost for	1	m.								436.91

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		80mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	414.96	12448.80				
		Add cost of specials & wastage @ 10%						1244.88				
		Total - I						13693.68				
		Sundries @ 3% i.e. on Rs. 13693.68						410.81				
		Add contractor's profit @ 10% i.e. on Rs. 14104.49						1410.45				
		Add Labour cess @ 1% i.e. on Rs. 15514.94						155.15				
		Material cost for	30.00	m.				15670.09				
		Material cost for	1.00	m.				522.34	522.34			522.34
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	1.25	223.36	279.20				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						839.63				
		Sundries @ 3% i.e. on Rs. 839.63						25.19				
		Add contractor's profit @ 21.50% i.e. on Rs. 864.82						185.94				
		Add Labour cess @ 1% i.e. on Rs. 1050.76						10.51				
		Labour for	30	m.				1061.27				
		Labour for	1	m.				35.38	35.38			35.38
		Cost for	1	m.					557.72			
		Add 10% for sub mountainous region										3.54
		Labour for	1	m.								38.92
		Cost for	1	m.								561.26

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		100mm i/d										
		Unit :-	1	m.								
		Taking output for:-	30	m.								
I		Material										
i		Cost of G.I. Pipe			m.	30.00	603.20	18096.00				
		Add cost of specials & wastage @ 10%						1809.60				
		Total - I						19905.60				
		Sundries @ 3% i.e. on Rs. 19905.6						597.17				
		Add contractor's profit @ 10% i.e. on Rs. 20502.77						2050.28				
		Add Labour cess @ 1% i.e. on Rs. 22553.05						225.53				
		Material cost for	30.00	m.				22778.58				
		Material cost for	1.00	m.				759.29	759.29			759.29
II		Labour										
		Taking output for:-	30	m.								
i		Fitter Pipe (Ist Class)			Each	1.50	223.36	335.04				
ii		Mazdoor (Skilled - Upper)			Each	1.50	164.69	247.04				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	1.00	223.36	223.36				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	1.00	181.86	181.86				
		Total - II						987.30				
		Sundries @ 3% i.e. on Rs. 987.3						29.62				
		Add contractor's profit @ 21.50% i.e. on Rs. 1016.92						218.64				
		Add Labour cess @ 1% i.e. on Rs. 1235.56						12.36				
		Labour for	30	m.				1247.92				
		Labour for	1	m.				41.60	41.60			41.60
		Cost for	1	m.					800.89			
		Add 10% for sub mountainous region										4.16
		Labour for	1	m.								45.76
		Cost for	1	m.								805.05

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.37		Providing and laying, jointing, fixing and testing H.D.P.E. / PVC Pipe Lines as per ISI, Specials tees, bends, sockets, elbow etc., cutting, testing including cost of specials in the trenches in the ground complete.								
A		H.D.P.E. / PVC pipe 10 Kg/cm ²								
a		20mm i/d								
		Unit :-	1	m.						
		Taking output for:-	45	m.						
I		Material								
i		Cost of H.D.P.E. / PVC Pipe		m.	45.00	28.00	1260.00			
		Add cost of specials @ 5%					63.00			
		Total - I					1323.00			
		Sundries @ 3% i.e. on Rs. 1323					39.69			
		Add contractor's profit @ 10% i.e. on Rs. 1362.69					136.27			
		Add Labour cess @ 1% i.e. on Rs. 1498.96					14.99			
		Material cost for	45.00	m.			1513.95			
		Material cost for	1.00	m.			33.64	33.64		33.64
II		Labour								
		Taking output for:-	45	m.						
i		Fitter Pipe (Ist Class)		Each	0.50	223.36	111.68			
ii		Mazdoor (Skilled - Upper)		Each	0.75	164.69	123.52			
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line		Each	0.375	223.36	83.76			
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.		Each	0.375	181.86	68.20			
		Total - II					387.16			
		Sundries @ 3% i.e. on Rs. 387.16					11.61			
		Add contractor's profit @ 21.50% i.e. on Rs. 398.77					85.74			
		Add Labour cess @ 1% i.e. on Rs. 484.51					4.85			
		Labour for	45	m.			489.36			
		Labour for	1	m.			10.87	10.87		10.87
		Cost for	1	m.				44.51		
		Add 10% for sub mountainous region								1.09
		Labour for	1	m.						11.96
		Cost for	1	m.						45.60

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		25mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	48.00	2160.00				
		Add cost of specials @ 5%						108.00				
		Total - I						2268.00				
		Sundries @ 3% i.e. on Rs. 2268						68.04				
		Add contractor's profit @ 10% i.e. on Rs. 2336.04						233.60				
		Add Labour cess @ 1% i.e. on Rs. 2569.64						25.70				
		Material cost for	45.00	m.				2595.34				
		Material cost for	1.00	m.				57.67	57.67			57.67
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (Ist Class)			Each	0.75	223.36	167.52				
ii		Mazdoor (Skilled - Upper)			Each	1.00	164.69	164.69				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.375	223.36	83.76				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.375	181.86	68.20				
		Total - II						484.17				
		Sundries @ 3% i.e. on Rs. 484.17						14.53				
		Add contractor's profit @ 21.50% i.e. on Rs. 498.7						107.22				
		Add Labour cess @ 1% i.e. on Rs. 605.92						6.06				
		Labour for	45	m.				611.98				
		Labour for	1	m.				13.60	13.60			13.60
		Cost for	1	m.					71.27			
		Add 10% for sub mountainous region										1.36
		Labour for	1	m.								14.96
		Cost for	1	m.								72.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		32mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	72.00	3240.00				
		Add cost of specials @ 5%						162.00				
		Total - I						3402.00				
		Sundries @ 3% i.e. on Rs. 3402						102.06				
		Add contractor's profit @ 10% i.e. on Rs. 3504.06						350.41				
		Add Labour cess @ 1% i.e. on Rs. 3854.47						38.54				
		Material cost for	45.00	m.				3893.01				
		Material cost for	1.00	m.				86.51	86.51			86.51
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (Ist Class)			Each	0.75	223.36	167.52				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						727.95				
		Sundries @ 3% i.e. on Rs. 727.95						21.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 749.79						161.20				
		Add Labour cess @ 1% i.e. on Rs. 910.99						9.11				
		Labour for	45	m.				920.10				
		Labour for	1	m.				20.45	20.45			20.45
		Cost for	1	m.					106.96			
		Add 10% for sub mountainous region										2.05
		Labour for	1	m.								22.50
		Cost for	1	m.								109.01

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	110.00	4950.00				
		Add cost of specials @ 5%						247.50				
		Total - I						5197.50				
		Sundries @ 3% i.e. on Rs. 5197.5						155.93				
		Add contractor's profit @ 10% i.e. on Rs. 5353.43						535.34				
		Add Labour cess @ 1% i.e. on Rs. 5888.77						58.89				
		Material cost for	45.00	m.				5947.66				
		Material cost for	1.00	m.				132.17	132.17			132.17
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (Ist Class)			Each	0.875	223.36	195.44				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						755.87				
		Sundries @ 3% i.e. on Rs. 755.87						22.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 778.55						167.39				
		Add Labour cess @ 1% i.e. on Rs. 945.94						9.46				
		Labour for	45	m.				955.40				
		Labour for	1	m.				21.23	21.23			21.23
		Cost for	1	m.					153.40			
		Add 10% for sub mountainous region										2.12
		Labour for	1	m.								23.35
		Cost for	1	m.								155.52

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	170.00	7650.00				
		Add cost of specials @ 5%						382.50				
		Total - I						8032.50				
		Sundries @ 3% i.e. on Rs. 8032.5						240.98				
		Add contractor's profit @ 10% i.e. on Rs. 8273.48						827.35				
		Add Labour cess @ 1% i.e. on Rs. 9100.83						91.01				
		Material cost for	45.00	m.				9191.84				
		Material cost for	1.00	m.				204.26	204.26			204.26
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (1st Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						783.79				
		Sundries @ 3% i.e. on Rs. 783.79						23.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 807.3						173.57				
		Add Labour cess @ 1% i.e. on Rs. 980.87						9.81				
		Labour for	45	m.				990.68				
		Labour for	1	m.				22.02	22.02			22.02
		Cost for	1	m.					226.28			
		Add 10% for sub mountainous region										2.20
		Labour for	1	m.								24.22
		Cost for	1	m.								228.48

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
B		H.D.P.E. / PVC pipe 6 Kg/cm ²								
a		32mm i/d								
		Unit :-	1	m.						
		Taking output for:-	45	m.						
I		Material								
i		Cost of H.D.P.E. / PVC Pipe	m.	45.00	48.00	2160.00				
		Add cost of specials @ 5%				108.00				
		Total - I				2268.00				
		Sundries @ 3% i.e. on Rs. 2268				68.04				
		Add contractor's profit @ 10% i.e. on Rs. 2336.04				233.60				
		Add Labour cess @ 1% i.e. on Rs. 2569.64				25.70				
		Material cost for	45.00	m.		2595.34				
		Material cost for	1.00	m.		57.67	57.67			57.67
II		Labour								
		Taking output for:-	45	m.						
i		Fitter Pipe (Ist Class)	Each	0.75	223.36	167.52				
ii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line	Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.	Each	0.875	181.86	159.13				
		Total - II				727.95				
		Sundries @ 3% i.e. on Rs. 727.95				21.84				
		Add contractor's profit @ 21.50% i.e. on Rs. 749.79				161.20				
		Add Labour cess @ 1% i.e. on Rs. 910.99				9.11				
		Labour for	45	m.		920.10				
		Labour for	1	m.		20.45	20.45			20.45
		Cost for	1	m.			78.12			
		Add 10% for sub mountainous region								2.05
		Labour for	1	m.						22.50
		Cost for	1	m.						80.17

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	73.00	3285.00				
		Add cost of specials @ 5%						164.25				
		Total - I						3449.25				
		Sundries @ 3% i.e. on Rs. 3449.25						103.48				
		Add contractor's profit @ 10% i.e. on Rs. 3552.73						355.27				
		Add Labour cess @ 1% i.e. on Rs. 3908						39.08				
		Material cost for	45.00	m.				3947.08				
		Material cost for	1.00	m.				87.71	87.71			87.71
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (1st Class)			Each	0.875	223.36	195.44				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (1st Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						755.87				
		Sundries @ 3% i.e. on Rs. 755.87						22.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 778.55						167.39				
		Add Labour cess @ 1% i.e. on Rs. 945.94						9.46				
		Labour for	45	m.				955.40				
		Labour for	1	m.				21.23	21.23			21.23
		Cost for	1	m.					108.94			
		Add 10% for sub mountainous region										2.12
		Labour for	1	m.								23.35
		Cost for	1	m.								111.06

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	113.00	5085.00				
		Add cost of specials @ 5%						254.25				
		Total - I						5339.25				
		Sundries @ 3% i.e. on Rs. 5339.25						160.18				
		Add contractor's profit @ 10% i.e. on Rs. 5499.43						549.94				
		Add Labour cess @ 1% i.e. on Rs. 6049.37						60.49				
		Material cost for	45.00	m.				6109.86				
		Material cost for	1.00	m.				135.77	135.77			135.77
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (1st Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						783.79				
		Sundries @ 3% i.e. on Rs. 783.79						23.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 807.3						173.57				
		Add Labour cess @ 1% i.e. on Rs. 980.87						9.81				
		Labour for	45	m.				990.68				
		Labour for	1	m.				22.02	22.02			22.02
		Cost for	1	m.					157.79			
		Add 10% for sub mountainous region										2.20
		Labour for	1	m.								24.22
		Cost for	1	m.								159.99

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
C		H.D.P.E. / PVC pipe 4 Kg/cm ²										
a		40mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	54.00	2430.00				
		Add cost of specials @ 5%						121.50				
		Total - I						2551.50				
		Sundries @ 3% i.e. on Rs. 2551.5						76.55				
		Add contractor's profit @ 10% i.e. on Rs. 2628.05						262.81				
		Add Labour cess @ 1% i.e. on Rs. 2890.86						28.91				
		Material cost for	45.00	m.				2919.77				
		Material cost for	1.00	m.				64.88	64.88			64.88
II		Labour										
		Taking output for:-										
			45	m.								
i		Fitter Pipe (Ist Class)			Each	0.875	223.36	195.44				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						755.87				
		Sundries @ 3% i.e. on Rs. 755.87						22.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 778.55						167.39				
		Add Labour cess @ 1% i.e. on Rs. 945.94						9.46				
		Labour for	45	m.				955.40				
		Labour for	1	m.				21.23	21.23			21.23
		Cost for	1	m.					86.11			
		Add 10% for sub mountainous region										2.12
		Labour for	1	m.								23.35
		Cost for	1	m.								88.23

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		50mm i/d										
		Unit :-	1	m.								
		Taking output for:-	45	m.								
I		Material										
i		Cost of H.D.P.E. / PVC Pipe			m.	45.00	81.00	3645.00				
		Add cost of specials @ 5%						182.25				
		Total - I						3827.25				
		Sundries @ 3% i.e. on Rs. 3827.25						114.82				
		Add contractor's profit @ 10% i.e. on Rs. 3942.07						394.21				
		Add Labour cess @ 1% i.e. on Rs. 4336.28						43.36				
		Material cost for	45.00	m.				4379.64				
		Material cost for	1.00	m.				97.33	97.33			97.33
II		Labour										
		Taking output for:-	45	m.								
i		Fitter Pipe (Ist Class)			Each	1.00	223.36	223.36				
ii		Mazdoor (Skilled - Upper)			Each	1.25	164.69	205.86				
iii		Extra provision of Fitter Pipe (Ist Class) for testing pipe line			Each	0.875	223.36	195.44				
iv		Helper (Skilled worker - Upper) Extra Provision for filling water in pipe line.			Each	0.875	181.86	159.13				
		Total - II						783.79				
		Sundries @ 3% i.e. on Rs. 783.79						23.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 807.3						173.57				
		Add Labour cess @ 1% i.e. on Rs. 980.87						9.81				
		Labour for	45	m.				990.68				
		Labour for	1	m.				22.02	22.02			22.02
		Cost for	1	m.					119.35			
		Add 10% for sub mountainous region										2.20
		Labour for	1	m.								24.22
		Cost for	1	m.								121.55

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.38	Labour for laying, jointing, fixing and testing W.I. (Red) steam pipe lines inside buildings including speacials, tees bends, sockets, elbow, etc., cutting threading and testing etc., complete.			DELETED and replaced with new					
	28.39	Labour for laying jointing, fixing, and testing W.I. (Red) steam pipe line, specials, tees, bends, sockets, elbows etc., IN trenches in the gound including cutting, threading and testing etc., complete but excluding cost of specials.			DELETED and replaced with new					
	28.40	Labour for laying jointing, fixing, and testing W.I. (Red) steam pipe line, specials, tees, bends, sockets, elbows etc., IN trenches in the gound including cutting, threading and testing etc., complete but excluding cost of specials.			DELETED and replaced with new					

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.38	DSR - 18.2	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS - 15450 U.V. stabilised with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows , tees, reducers, couplers & connectors etc. with clamps at 1.00 m spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work including cutting chases and making goo/d the wall etc.								
a	18.2.1	1216 (16 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 1216 (16 mm o/d) pipe		m.	10.000	87.00	870.00			
ii		Add 75% for fitting,clamps and wastage					652.50			
		Total - I					1522.50			
		Sundries @ 3% i.e. on Rs. 1522.5					45.68			
		Add contractor's profit @ 10% i.e. on Rs. 1568.18					156.82			
		Add Labour cess @ 1% i.e. on Rs. 1725					17.25			
		Material cost for	10.00	m.			1742.25			
		Material cost for	1.00	m.			174.23	174.23		174.23
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II		m.	10.000	0.00	0.00			
		Total - II					307.81			
		Sundries @ 3% i.e. on Rs. 307.81					9.23			
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04					68.16			
		Add Labour cess @ 1% i.e. on Rs. 385.2					3.85			

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	10	m.				389.05				
		Labour for	1	m.				38.91	38.91			38.91
		Cost for	1	m.					213.14			
		Add 10% for sub mountainous region										3.89
		Labour for	1	m.								42.80
		Cost for	1	m.								217.03

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		1620 (20 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 1620 (20mm o/d) pipe	m.	10.000	107.00	1070.00				
ii		Add 75% for fitting,clamps and wastage				802.50				
		Total - I				1872.50				
		Sundries @ 3% i.e. on Rs. 1872.5				56.18				
		Add contractor's profit @ 10% i.e. on Rs. 1928.68				192.87				
		Add Labour cess @ 1% i.e. on Rs. 2121.55				21.22				
		Material cost for	10.00	m.		2142.77				
		Material cost for	1.00	m.		214.28	214.28			214.28
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			253.19			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						257.08

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		2025 (25 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 2025 (25mm o/d) pipe	m.	10.000	139.00	1390.00				
ii		Add 75% for fitting,clamps and wastage				1042.50				
		Total - I				2432.50				
		Sundries @ 3% i.e. on Rs. 2432.5				72.98				
		Add contractor's profit @ 10% i.e. on Rs. 2505.48				250.55				
		Add Labour cess @ 1% i.e. on Rs. 2756.03				27.56				
		Material cost for	10.00	m.		2783.59				
		Material cost for	1.00	m.		278.36	278.36			278.36
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			317.27			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						321.16

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		2532 (32 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 2532 (32mm o/d) pipe	m.	10.000	189.00	1890.00				
ii		Add 75% for fitting,clamps and wastage				1417.50				
		Total - I				3307.50				
		Sundries @ 3% i.e. on Rs. 3307.5				99.23				
		Add contractor's profit @ 10% i.e. on Rs. 3406.73				340.67				
		Add Labour cess @ 1% i.e. on Rs. 3747.4				37.47				
		Material cost for	10.00	m.		3784.87				
		Material cost for	1.00	m.		378.49	378.49			378.49
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			417.40			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						421.29

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		3240 (40 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 3240 (40mm o/d) pipe	m.	10.000	250.00	2500.00				
ii		Add 75% for fitting,clamps and wastage				1875.00				
		Total - I				4375.00				
		Sundries @ 3% i.e. on Rs. 4375				131.25				
		Add contractor's profit @ 10% i.e. on Rs. 4506.25				450.63				
		Add Labour cess @ 1% i.e. on Rs. 4956.88				49.57				
		Material cost for	10.00	m.		5006.45				
		Material cost for	1.00	m.		500.65	500.65			500.65
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			539.56			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						543.45

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		4050 (50 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 4050 (50mm o/d) pipe	m.	10.000	335.00	3350.00				
ii		Add 75% for fitting,clamps and wastage				2512.50				
		Total - I				5862.50				
		Sundries @ 3% i.e. on Rs. 5862.5				175.88				
		Add contractor's profit @ 10% i.e. on Rs. 6038.38				603.84				
		Add Labour cess @ 1% i.e. on Rs. 6642.22				66.42				
		Material cost for	10.00	m.		6708.64				
		Material cost for	1.00	m.		670.86	670.86			670.86
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			709.77			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						713.66

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.39	DSR - 18.3	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS - 15450 - 2004 U.V. stabilised with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80° C including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows ,tees ,reducers, couplers & connectors etc. with trenching, refilling and testing of joints complete as per direction of the engineer in charge. External work								
a	18.3.1	1216 (16 mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 1216 (16 mm o/d) pipe		m.	10.000	87.00	870.00			
ii		Add 30% for fitting,clamps and wastage					261.00			
		Total - I					1131.00			
		Sundries @ 3% i.e. on Rs. 1131					33.93			
		Add contractor's profit @ 10% i.e. on Rs. 1164.93					116.49			
		Add Labour cess @ 1% i.e. on Rs. 1281.42					12.81			
		Material cost for	10.00	m.			1294.23			
		Material cost for	1.00	m.			129.42	129.42		129.42
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.08	223.36	17.87			
ii		Mazdoor (Skilled - Upper)		Each	0.16	164.69	26.35			
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)		Each	1.25	164.69	205.86			
		Total - II					250.08			
		Sundries @ 3% i.e. on Rs. 250.08					7.50			
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58					55.38			
		Add Labour cess @ 1% i.e. on Rs. 312.96					3.13			
		Labour for	10	m.			316.09			
		Labour for	1	m.			31.61	31.61		31.61
		Cost for	1	m.				161.03		

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add 10% for sub mountainous region										3.16
		Labour for	1	m.								34.77
		Cost for	1	m.								164.19

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		1620 (20mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 1620 (20mm o/d) pipe	m.	10.000	107.00	1070.00				
ii		Add 30% for fitting,clamps and wastage				321.00				
		Total - I				1391.00				
		Sundries @ 3% i.e. on Rs. 1391				41.73				
		Add contractor's profit @ 10% i.e. on Rs. 1432.73				143.27				
		Add Labour cess @ 1% i.e. on Rs. 1576				15.76				
		Material cost for	10.00	m.		1591.76				
		Material cost for	1.00	m.		159.18	159.18			159.18
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.16	164.69	26.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			190.79			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						193.95

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		2025 (25mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 2025 (25mm o/d) pipe	m.	10.000	139.00	1390.00				
ii		Add 30% for fitting,clamps and wastage				417.00				
		Total - I				1807.00				
		Sundries @ 3% i.e. on Rs. 1807				54.21				
		Add contractor's profit @ 10% i.e. on Rs. 1861.21				186.12				
		Add Labour cess @ 1% i.e. on Rs. 2047.33				20.47				
		Material cost for	10.00	m.		2067.80				
		Material cost for	1.00	m.		206.78	206.78			206.78
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.16	164.69	26.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			238.39			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						241.55

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		2532 (32mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 2532 (32mm o/d) pipe	m.	10.000	189.00	1890.00				
ii		Add 30% for fitting,clamps and wastage				567.00				
		Total - I				2457.00				
		Sundries @ 3% i.e. on Rs. 2457				73.71				
		Add contractor's profit @ 10% i.e. on Rs. 2530.71				253.07				
		Add Labour cess @ 1% i.e. on Rs. 2783.78				27.84				
		Material cost for	10.00	m.		2811.62				
		Material cost for	1.00	m.		281.16	281.16			281.16
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.16	164.69	26.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			312.77			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						315.93

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		3240 (40mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 3240 (40mm o/d) pipe	m.	10.000	250.00	2500.00				
ii		Add 30% for fitting,clamps and wastage				750.00				
		Total - I				3250.00				
		Sundries @ 3% i.e. on Rs. 3250				97.50				
		Add contractor's profit @ 10% i.e. on Rs. 3347.5				334.75				
		Add Labour cess @ 1% i.e. on Rs. 3682.25				36.82				
		Material cost for	10.00	m.		3719.07				
		Material cost for	1.00	m.		371.91	371.91			371.91
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.33	164.69	54.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				278.08				
		Sundries @ 3% i.e. on Rs. 278.08				8.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 286.42				61.58				
		Add Labour cess @ 1% i.e. on Rs. 348				3.48				
		Labour for	10	m.		351.48				
		Labour for	1	m.		35.15	35.15			35.15
		Cost for	1	m.			407.06			
		Add 10% for sub mountainous region								3.52
		Labour for	1	m.						38.67
		Cost for	1	m.						410.58

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		4050 (50mm o/d) pipe								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		PE-AL-PE Composit pipe 4050 (50mm o/d) pipe	m.	10.000	335.00	3350.00				
ii		Add 30% for fitting,clamps and wastage				1005.00				
		Total - I				4355.00				
		Sundries @ 3% i.e. on Rs. 4355				130.65				
		Add contractor's profit @ 10% i.e. on Rs. 4485.65				448.57				
		Add Labour cess @ 1% i.e. on Rs. 4934.22				49.34				
		Material cost for	10.00	m.		4983.56				
		Material cost for	1.00	m.		498.36	498.36			498.36
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.33	164.69	54.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				278.08				
		Sundries @ 3% i.e. on Rs. 278.08				8.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 286.42				61.58				
		Add Labour cess @ 1% i.e. on Rs. 348				3.48				
		Labour for	10	m.		351.48				
		Labour for	1	m.		35.15	35.15			35.15
		Cost for	1	m.			533.51			
		Add 10% for sub mountainous region								3.52
		Labour for	1	m.						38.67
		Cost for	1	m.						537.03

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.40 A	DSR-18.5	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain & brass threaded polypropylene random fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making goo/d the same including testing of joints complete as per direction of Engineer in Chajge. (Concealed work including cutting chases and making goo/d the walls etc.).								
a	18.5.1	PN - 16 Pipe, 16mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 16 mm outer i/d		m.	10.000	32.00	320.00			
ii		Add 75% for fitting,clamps and wastage					240.00			
		Total - I					560.00			
		Sundries @ 3% i.e. on Rs. 560					16.80			
		Add contractor's profit @ 10% i.e. on Rs. 576.8					57.68			
		Add Labour cess @ 1% i.e. on Rs. 634.48					6.34			
		Material cost for	10.00	m.			640.82			
		Material cost for	1.00	m.			64.08	64.08		64.08
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II		m.	10.000	0.00	0.00			
		Total - II					307.81			
		Sundries @ 3% i.e. on Rs. 307.81					9.23			
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04					68.16			
		Add Labour cess @ 1% i.e. on Rs. 385.2					3.85			
		Labour for	10	m.			389.05			
		Labour for	1	m.			38.91	38.91		38.91
		Cost for	1	m.				102.99		

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add 10% for sub mountainous region										3.89
		Labour for	1	m.								42.80
		Cost for	1	m.								106.88

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		PN - 16 Pipe, 20mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 20 mm outer i/d		m.	10.000	48.00	480.00			
ii		Add 75% for fitting,clamps and wastage					360.00			
		Total - I					840.00			
		Sundries @ 3% i.e. on Rs. 840					25.20			
		Add contractor's profit @ 10% i.e. on Rs. 865.2					86.52			
		Add Labour cess @ 1% i.e. on Rs. 951.72					9.52			
		Material cost for	10.00	m.			961.24			
		Material cost for	1.00	m.			96.12	96.12		96.12
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II		m.	10.000	0.00	0.00			
		Total - II					307.81			
		Sundries @ 3% i.e. on Rs. 307.81					9.23			
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04					68.16			
		Add Labour cess @ 1% i.e. on Rs. 385.2					3.85			
		Labour for	10	m.			389.05			
		Labour for	1	m.			38.91	38.91		38.91
		Cost for	1	m.				135.03		
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						138.92

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		PN - 16 Pipe, 25mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 25 mm outer i/d	m.	10.000	75.00	750.00				
ii		Add 75% for fitting,clamps and wastage				562.50				
		Total - I				1312.50				
		Sundries @ 3% i.e. on Rs. 1312.5				39.38				
		Add contractor's profit @ 10% i.e. on Rs. 1351.88				135.19				
		Add Labour cess @ 1% i.e. on Rs. 1487.07				14.87				
		Material cost for	10.00	m.		1501.94				
		Material cost for	1.00	m.		150.19	150.19			150.19
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			189.10			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						192.99

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		PN - 16 Pipe, 32mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 32 mm outer i/d	m.	10.000	122.00	1220.00				
ii		Add 75% for fitting,clamps and wastage				915.00				
		Total - I				2135.00				
		Sundries @ 3% i.e. on Rs. 2135				64.05				
		Add contractor's profit @ 10% i.e. on Rs. 2199.05				219.91				
		Add Labour cess @ 1% i.e. on Rs. 2418.96				24.19				
		Material cost for	10.00	m.		2443.15				
		Material cost for	1.00	m.		244.32	244.32			244.32
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			283.23			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						287.12

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		PN - 16 Pipe, 40mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 40 mm outer i/d		m.	10.000	194.00	1940.00			
ii		Add 75% for fitting,clamps and wastage					1455.00			
		Total - I					3395.00			
		Sundries @ 3% i.e. on Rs. 3395					101.85			
		Add contractor's profit @ 10% i.e. on Rs. 3496.85					349.69			
		Add Labour cess @ 1% i.e. on Rs. 3846.54					38.47			
		Material cost for	10.00	m.			3885.01			
		Material cost for	1.00	m.			388.50	388.50		388.50
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II		m.	10.000	0.00	0.00			
		Total - II					307.81			
		Sundries @ 3% i.e. on Rs. 307.81					9.23			
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04					68.16			
		Add Labour cess @ 1% i.e. on Rs. 385.2					3.85			
		Labour for	10	m.			389.05			
		Labour for	1	m.			38.91	38.91		38.91
		Cost for	1	m.				427.41		
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						431.30

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		PN - 16 Pipe, 50mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 50 mm outer i/d	m.	10.000	283.00	2830.00				
ii		Add 75% for fitting,clamps and wastage				2122.50				
		Total - I				4952.50				
		Sundries @ 3% i.e. on Rs. 4952.5				148.58				
		Add contractor's profit @ 10% i.e. on Rs. 5101.08				510.11				
		Add Labour cess @ 1% i.e. on Rs. 5611.19				56.11				
		Material cost for	10.00	m.		5667.30				
		Material cost for	1.00	m.		566.73	566.73			566.73
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.33	223.36	73.71			
ii		Pipe Fitter 2nd class		Each	0.66	190.00	125.40			
iii		Mazdoor (Skilled - Upper)		Each	0.66	164.69	108.70			
iv		Making chases upto 7.5 x 7.5 cm. in walls and making goo/d the same. Rate as per CSR item no. 30.85 (a)) Total - II	m.	10.000	0.00	0.00				
		Total - II				307.81				
		Sundries @ 3% i.e. on Rs. 307.81				9.23				
		Add contractor's profit @ 21.50% i.e. on Rs. 317.04				68.16				
		Add Labour cess @ 1% i.e. on Rs. 385.2				3.85				
		Labour for	10	m.		389.05				
		Labour for	1	m.		38.91	38.91			38.91
		Cost for	1	m.			605.64			
		Add 10% for sub mountainous region								3.89
		Labour for	1	m.						42.80
		Cost for	1	m.						609.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.40 B	DSR 18.6	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply including all PP-R plain & brass threaded polypropylene random fittings i/c trenching .refilling & testing of joints complete as per direction of Engineer in Charge. External work								
a	18.6.1	PN- 16 Pipe, 16 mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 16 mm outer i/d	m.	10.000	32.00	320.00				
ii		Add 30% for fitting,clamps and wastage				96.00				
		Total - I				416.00				
		Sundries @ 3% i.e. on Rs. 416				12.48				
		Add contractor's profit @ 10% i.e. on Rs. 428.48				42.85				
		Add Labour cess @ 1% i.e. on Rs. 471.33				4.71				
		Material cost for	10.00	m.		476.04				
		Material cost for	1.00	m.		47.60	47.60			47.60
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.08	223.36	17.87			
ii		Mazdoor (Skilled - Upper)		Each	0.16	164.69	26.35			
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)		Each	1.25	164.69	205.86			
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			79.21			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						82.37

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		PN- 16 Pipe, 20 mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 20 mm outer i/d	m.	10.000	48.00	480.00				
ii		Add 30% for fitting,clamps and wastage				144.00				
		Total - I				624.00				
		Sundries @ 3% i.e. on Rs. 624				18.72				
		Add contractor's profit @ 10% i.e. on Rs. 642.72				64.27				
		Add Labour cess @ 1% i.e. on Rs. 706.99				7.07				
		Material cost for	10.00	m.		714.06				
		Material cost for	1.00	m.		71.41	71.41			71.41
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.08	223.36	17.87			
ii		Mazdoor (Skilled - Upper)		Each	0.16	164.69	26.35			
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)		Each	1.25	164.69	205.86			
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			103.02			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						106.18

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		PN- 16 Pipe, 25 mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 25 mm outer i/d		m.	10.000	75.00	750.00			
ii		Add 30% for fitting,clamps and wastage					225.00			
		Total - I					975.00			
		Sundries @ 3% i.e. on Rs. 975					29.25			
		Add contractor's profit @ 10% i.e. on Rs. 1004.25					100.43			
		Add Labour cess @ 1% i.e. on Rs. 1104.68					11.05			
		Material cost for	10.00	m.			1115.73			
		Material cost for	1.00	m.			111.57	111.57		111.57
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.08	223.36	17.87			
ii		Mazdoor (Skilled - Upper)		Each	0.16	164.69	26.35			
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)		Each	1.25	164.69	205.86			
		Total - II					250.08			
		Sundries @ 3% i.e. on Rs. 250.08					7.50			
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58					55.38			
		Add Labour cess @ 1% i.e. on Rs. 312.96					3.13			
		Labour for	10	m.			316.09			
		Labour for	1	m.			31.61	31.61		31.61
		Cost for	1	m.				143.18		
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						146.34

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		PN- 16 Pipe, 32 mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 32 mm outer i/d	m.	10.000	122.00	1220.00				
ii		Add 30% for fitting,clamps and wastage				366.00				
		Total - I				1586.00				
		Sundries @ 3% i.e. on Rs. 1586				47.58				
		Add contractor's profit @ 10% i.e. on Rs. 1633.58				163.36				
		Add Labour cess @ 1% i.e. on Rs. 1796.94				17.97				
		Material cost for	10.00	m.		1814.91				
		Material cost for	1.00	m.		181.49	181.49			181.49
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.16	164.69	26.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			213.10			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						216.26

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		PN- 16 Pipe, 40 mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 40 mm outer i/d	m.	10.000	194.00	1940.00				
ii		Add 30% for fitting,clamps and wastage				582.00				
		Total - I				2522.00				
		Sundries @ 3% i.e. on Rs. 2522				75.66				
		Add contractor's profit @ 10% i.e. on Rs. 2597.66				259.77				
		Add Labour cess @ 1% i.e. on Rs. 2857.43				28.57				
		Material cost for	10.00	m.		2886.00				
		Material cost for	1.00	m.		288.60	288.60			288.60
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class		Each	0.08	223.36	17.87			
ii		Mazdoor (Skilled - Upper)		Each	0.16	164.69	26.35			
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)		Each	1.25	164.69	205.86			
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			320.21			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						323.37

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		PN- 16 Pipe, 50 mm o/d								
		Unit :-	1	m.						
		Taking Output :-	10	m.						
I		Material								
i		3 layer PP-R pipe (PN-16/SDR 7.4) 50 mm outer i/d	m.	10.000	283.00	2830.00				
ii		Add 30% for fitting,clamps and wastage				849.00				
		Total - I				3679.00				
		Sundries @ 3% i.e. on Rs. 3679				110.37				
		Add contractor's profit @ 10% i.e. on Rs. 3789.37				378.94				
		Add Labour cess @ 1% i.e. on Rs. 4168.31				41.68				
		Material cost for	10.00	m.		4209.99				
		Material cost for	1.00	m.		421.00	421.00			421.00
II		Labour								
		Taking output	10	m.						
i		Pipe Fitter 1st class	Each	0.08	223.36	17.87				
ii		Mazdoor (Skilled - Upper)	Each	0.16	164.69	26.35				
		Trenching & refilling etc.								
iii		Mazdoor (Skilled - Upper)	Each	1.25	164.69	205.86				
		Total - II				250.08				
		Sundries @ 3% i.e. on Rs. 250.08				7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 257.58				55.38				
		Add Labour cess @ 1% i.e. on Rs. 312.96				3.13				
		Labour for	10	m.		316.09				
		Labour for	1	m.		31.61	31.61			31.61
		Cost for	1	m.			452.61			
		Add 10% for sub mountainous region								3.16
		Labour for	1	m.						34.77
		Cost for	1	m.						455.77

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.41		Providing, fixing and jointing Union Couplings in G.I. Pipe lines.								
a		15mm i/d G.I. Union								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		G.I. Union		Each	10.00	57.00	570.00			
		Total - I					570.00			
		Sundries @ 3% i.e. on Rs. 570					17.10			
		Add contractor's profit @ 10% i.e. on Rs. 587.1					58.71			
		Add Labour cess @ 1% i.e. on Rs. 645.81					6.46			
		Material Cost for	10	Nos.			652.27			
		Material Cost for	1	Each			65.23	65.23		65.23
II		Labour								
		Taking output	10	Nos.						
i		Fitter Pipe (Ist Class)		Each	0.250	223.36	55.84			
		Total - II					55.84			
		Sundries @ 3% i.e. on Rs. 55.84					1.68			
		Add contractor's profit @ 21.50% i.e. on Rs. 57.52					12.37			
		Add Labour cess @ 1% i.e. on Rs. 69.89					0.70			
		Labour for	10.00	Nos.			70.59			
		Labour for	1.00	Each			7.06	7.06	7.06	
		Cost for	1.00	Each			72.29			
		Add 10% for sub mountainous region								0.71
		Labour for	1.00	Each						7.77
		Cost for	1.00	Each						73.00

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		20mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	98.00	980.00				
		Total - I						980.00				
		Sundries @ 3% i.e. on Rs. 980						29.40				
		Add contractor's profit @ 10% i.e. on Rs. 1009.4						100.94				
		Add Labour cess @ 1% i.e. on Rs. 1110.34						11.10				
		Material Cost for	10	Nos.				1121.44				
		Material Cost for	1	Each				112.14	112.14			112.14
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.330	223.36	73.71				
		Total - II						73.71				
		Sundries @ 3% i.e. on Rs. 73.71						2.21				
		Add contractor's profit @ 21.50% i.e. on Rs. 75.92						16.32				
		Add Labour cess @ 1% i.e. on Rs. 92.24						0.92				
		Labour for	10.00	Nos.				93.16				
		Labour for	1.00	Each				9.32	9.32		9.32	
		Cost for	1.00	Each					121.46			
		Add 10% for sub mountainous region										0.93
		Labour for	1.00	Each								10.25
		Cost for	1.00	Each								122.39

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		25mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	125.00	1250.00				
		Total - I						1250.00				
		Sundries @ 3% i.e. on Rs. 1250						37.50				
		Add contractor's profit @ 10% i.e. on Rs. 1287.5						128.75				
		Add Labour cess @ 1% i.e. on Rs. 1416.25						14.16				
		Material Cost for	10	Nos.				1430.41				
		Material Cost for	1	Each				143.04	143.04			143.04
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.330	223.36	73.71				
		Total - II						73.71				
		Sundries @ 3% i.e. on Rs. 73.71						2.21				
		Add contractor's profit @ 21.50% i.e. on Rs. 75.92						16.32				
		Add Labour cess @ 1% i.e. on Rs. 92.24						0.92				
		Labour for	10.00	Nos.				93.16				
		Labour for	1.00	Each				9.32	9.32		9.32	
		Cost for	1.00	Each					152.36			
		Add 10% for sub mountainous region										0.93
		Labour for	1.00	Each								10.25
		Cost for	1.00	Each								153.29

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		32mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	135.00	1350.00				
		Total - I						1350.00				
		Sundries @ 3% i.e. on Rs. 1350						40.50				
		Add contractor's profit @ 10% i.e. on Rs. 1390.5						139.05				
		Add Labour cess @ 1% i.e. on Rs. 1529.55						15.30				
		Material Cost for	10	Nos.				1544.85				
		Material Cost for	1	Each				154.49	154.49			154.49
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.400	223.36	89.34				
		Total - II						89.34				
		Sundries @ 3% i.e. on Rs. 89.34						2.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 92.02						19.78				
		Add Labour cess @ 1% i.e. on Rs. 111.8						1.12				
		Labour for	10.00	Nos.				112.92				
		Labour for	1.00	Each				11.29	11.29		11.29	
		Cost for	1.00	Each					165.78			
		Add 10% for sub mountainous region										1.13
		Labour for	1.00	Each								12.42
		Cost for	1.00	Each								166.91

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		40mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	151.00	1510.00				
		Total - I						1510.00				
		Sundries @ 3% i.e. on Rs. 1510						45.30				
		Add contractor's profit @ 10% i.e. on Rs. 1555.3						155.53				
		Add Labour cess @ 1% i.e. on Rs. 1710.83						17.11				
		Material Cost for	10	Nos.				1727.94				
		Material Cost for	1	Each				172.79	172.79			172.79
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.400	223.36	89.34				
		Total - II						89.34				
		Sundries @ 3% i.e. on Rs. 89.34						2.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 92.02						19.78				
		Add Labour cess @ 1% i.e. on Rs. 111.8						1.12				
		Labour for	10.00	Nos.				112.92				
		Labour for	1.00	Each				11.29	11.29		11.29	
		Cost for	1.00	Each					184.08			
		Add 10% for sub mountainous region										1.13
		Labour for	1.00	Each								12.42
		Cost for	1.00	Each								185.21

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		50mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	192.00	1920.00				
		Total - I						1920.00				
		Sundries @ 3% i.e. on Rs. 1920						57.60				
		Add contractor's profit @ 10% i.e. on Rs. 1977.6						197.76				
		Add Labour cess @ 1% i.e. on Rs. 2175.36						21.75				
		Material Cost for	10	Nos.				2197.11				
		Material Cost for	1	Each				219.71	219.71			219.71
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.400	223.36	89.34				
ii		Helper (Skilled worker - Upper)			Each	0.250	181.86	45.47				
		Total - II						89.34				
		Sundries @ 3% i.e. on Rs. 89.34						2.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 92.02						19.78				
		Add Labour cess @ 1% i.e. on Rs. 111.8						1.12				
		Labour for	10.00	Nos.				112.92				
		Labour for	1.00	Each				11.29	11.29		11.29	
		Cost for	1.00	Each					231.00			
		Add 10% for sub mountainous region										1.13
		Labour for	1.00	Each								12.42
		Cost for	1.00	Each								232.13

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		65mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	364.00	3640.00				
		Total - I						3640.00				
		Sundries @ 3% i.e. on Rs. 3640						109.20				
		Add contractor's profit @ 10% i.e. on Rs. 3749.2						374.92				
		Add Labour cess @ 1% i.e. on Rs. 4124.12						41.24				
		Material Cost for	10	Nos.				4165.36				
		Material Cost for	1	Each				416.54	416.54			416.54
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	0.500	223.36	111.68				
ii		Helper (Skilled worker - Upper)			Each	0.330	181.86	60.01				
		Total - II						111.68				
		Sundries @ 3% i.e. on Rs. 111.68						3.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 115.03						24.73				
		Add Labour cess @ 1% i.e. on Rs. 139.76						1.40				
		Labour for	10.00	Nos.				141.16				
		Labour for	1.00	Each				14.12	14.12		14.12	
		Cost for	1.00	Each					430.66			
		Add 10% for sub mountainous region										1.41
		Labour for	1.00	Each								15.53
		Cost for	1.00	Each								432.07

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		80mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	546.00	5460.00				
		Total - I						5460.00				
		Sundries @ 3% i.e. on Rs. 5460						163.80				
		Add contractor's profit @ 10% i.e. on Rs. 5623.8						562.38				
		Add Labour cess @ 1% i.e. on Rs. 6186.18						61.86				
		Material Cost for	10	Nos.				6248.04				
		Material Cost for	1	Each				624.80	624.80			624.80
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	0.500	223.36	111.68				
ii		Helper (Skilled worker - Upper)			Each	0.330	181.86	60.01				
		Total - II						111.68				
		Sundries @ 3% i.e. on Rs. 111.68						3.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 115.03						24.73				
		Add Labour cess @ 1% i.e. on Rs. 139.76						1.40				
		Labour for	10.00	Nos.				141.16				
		Labour for	1.00	Each				14.12	14.12		14.12	
		Cost for	1.00	Each					638.92			
		Add 10% for sub mountainous region										1.41
		Labour for	1.00	Each								15.53
		Cost for	1.00	Each								640.33

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		100mm i/d G.I. Union										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		G.I. Union			Each	10.00	790.00	7900.00				
		Total - I						7900.00				
		Sundries @ 3% i.e. on Rs. 7900						237.00				
		Add contractor's profit @ 10% i.e. on Rs. 8137						813.70				
		Add Labour cess @ 1% i.e. on Rs. 8950.7						89.51				
		Material Cost for	10	Nos.				9040.21				
		Material Cost for	1	Each				904.02	904.02			904.02
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.500	223.36	111.68				
ii		Helper (Skilled worker - Upper)			Each	0.330	181.86	60.01				
		Total - II						111.68				
		Sundries @ 3% i.e. on Rs. 111.68						3.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 115.03						24.73				
		Add Labour cess @ 1% i.e. on Rs. 139.76						1.40				
		Labour for	10.00	Nos.				141.16				
		Labour for	1.00	Each				14.12	14.12		14.12	
		Cost for	1.00	Each					918.14			
		Add 10% for sub mountainous region										1.41
		Labour for	1.00	Each								15.53
		Cost for	1.00	Each								919.55

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.42	Labour for fixing G.I. or W.I.Pipe sleeve pieces in holes in walls, floors and roofs rounds pipes including all cutting and wastage:-	DELETED and replaced with new							

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.42	DSR -	Providing and placing in position hand pump of approved quality for								
18.45		40 mm diameter G.I. pipe complete with all accessories.								
		Unit :-	1	Each						
		Taking output :	1	Each						
I		Material								
i		Cost of hand pump		Each	1.000	525.00	525.00			
		Total - I					525.00			
		Sundries @ 3% i.e. on Rs. 525					15.75			
		Add contractor's profit @ 10% i.e. on Rs. 540.75					54.08			
		Add Labour cess @ 1% i.e. on Rs. 594.83					5.95			
		Material cost for	1.00	Each			600.78			
		Material cost for	1.00	Each			600.78	600.78		600.78
II		Labour								
		Taking output	1	Each						
i		Fitter Pipe (Ist Class)		Each	0.10	223.36	22.34			
ii		Mazdoor (Skilled - Upper)		Each	0.10	164.69	16.47			
		Total - II					38.81			
		Sundries @ 3% i.e. on Rs. 38.81					1.16			
		Add contractor's profit @ 21.50% i.e. on Rs. 39.97					8.59			
		Add Labour cess @ 1% i.e. on Rs. 48.56					0.49			
							49.05			
		Labour for	1	Each			49.05	49.05		49.05
		Cost for	1	Each				649.83		
		Add 10% for sub mountainous region								4.91
		Labour for	1	Each						53.96
		Cost for	1	Each						654.74

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.43	Fixing galvanised malleable iron holder bats hold fasts to pipe lines fixed on walls and ceilings including all cuttings to walls and making goo/d to original condition	DELETED and replaced with new							

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.43		Providing water connection with grooved coupler and service coupler in Quick coupling pipe line complete in all respect.								
a		In 50.80mm outside diameter pipe line								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Cost of Grooved coupler 50.80mm		Each	10.00	176.50	1765.00			
ii		Cost of Service coupler 50.80mm		Each	10.00	373.15	3731.50			
		Total - I					5496.50			
		Sundries @ 3% i.e. on Rs. 5496.5					164.90			
		Add contractor's profit @ 10% i.e. on Rs. 5661.4					566.14			
		Add Labour cess @ 1% i.e. on Rs. 6227.54					62.28			
		Material Cost for	10	Nos.			6289.82			
		Material Cost for	1	Each			628.98	628.98		628.98
II		Labour								
		Taking output	10	Nos.						
i		Fitter Pipe (1st Class)		Each	1.00	223.36	223.36			
ii		Helper (Skilled worker - Upper)		Each	1.00	181.86	181.86			
		Total - II					405.22			
		Sundries @ 3% i.e. on Rs. 405.22					12.16			
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38					89.74			
		Add Labour cess @ 1% i.e. on Rs. 507.12					5.07			
		Labour for	10.00	Nos.			512.19			
		Labour for	1.00	Each			51.22	51.22	51.22	
		Cost for	1.00	Each				680.20		
		Add 10% for sub mountainous region								5.12
		Labour for	1.00	Each						56.34
		Cost for	1.00	Each						685.32

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		In 63.50mm outside diameter pipe line										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Grooved coupler 63.50mm			Each	10.00	243.36	2433.60				
ii		Cost of Service coupler 63.50mm			Each	10.00	400.75	4007.50				
		Total - I						6441.10				
		Sundries @ 3% i.e. on Rs. 6441.1						193.23				
		Add contractor's profit @ 10% i.e. on Rs. 6634.33						663.43				
		Add Labour cess @ 1% i.e. on Rs. 7297.76						72.98				
		Material Cost for	10	Nos.				7370.74				
		Material Cost for	1	Each				737.07	737.07			737.07
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	1.00	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.00	181.86	181.86				
		Total - II						405.22				
		Sundries @ 3% i.e. on Rs. 405.22						12.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 417.38						89.74				
		Add Labour cess @ 1% i.e. on Rs. 507.12						5.07				
		Labour for	10.00	Nos.				512.19				
		Labour for	1.00	Each				51.22	51.22		51.22	
		Cost for	1.00	Each					788.29			
		Add 10% for sub mountainous region										5.12
		Labour for	1.00	Each								56.34
		Cost for	1.00	Each								793.41

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		In 76.20 mm outside diameter pipe line										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Grooved coupler 76.2mm			Each	10.00	261.66	2616.60				
ii		Cost of Service coupler 76.2mm			Each	10.00	423.60	4236.00				
		Total - I						6852.60				
		Sundries @ 3% i.e. on Rs. 6852.6						205.58				
		Add contractor's profit @ 10% i.e. on Rs. 7058.18						705.82				
		Add Labour cess @ 1% i.e. on Rs. 7764						77.64				
		Material Cost for	10	Nos.				7841.64				
		Material Cost for	1	Each				784.16	784.16			784.16
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	1.250	223.36	279.20				
ii		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - II						506.53				
		Sundries @ 3% i.e. on Rs. 506.53						15.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 521.73						112.17				
		Add Labour cess @ 1% i.e. on Rs. 633.9						6.34				
		Labour for	10.00	Nos.				640.24				
		Labour for	1.00	Each				64.02	64.02		64.02	
		Cost for	1.00	Each					848.18			
		Add 10% for sub mountainous region										6.40
		Labour for	1.00	Each								70.42
		Cost for	1.00	Each								854.58

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		In 101.60mm outside diameter pipe line										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Grooved coupler 101.60mm			Each	10.00	311.41	3114.10				
ii		Cost of Service coupler 101.60mm			Each	10.00	521.70	5217.00				
		Total - I						8331.10				
		Sundries @ 3% i.e. on Rs. 8331.1						249.93				
		Add contractor's profit @ 10% i.e. on Rs. 8581.03						858.10				
		Add Labour cess @ 1% i.e. on Rs. 9439.13						94.39				
		Material Cost for	10	Nos.				9533.52				
		Material Cost for	1	Each				953.35	953.35			953.35
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	1.250	223.36	279.20				
ii		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - II						506.53				
		Sundries @ 3% i.e. on Rs. 506.53						15.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 521.73						112.17				
		Add Labour cess @ 1% i.e. on Rs. 633.9						6.34				
		Labour for	10.00	Nos.				640.24				
		Labour for	1.00	Each				64.02	64.02		64.02	
		Cost for	1.00	Each					1017.37			
		Add 10% for sub mountainous region										6.40
		Labour for	1.00	Each								70.42
		Cost for	1.00	Each								1023.77

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		In 152.40mm outside diameter pipe line										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Cost of Grooved coupler 152.40mm			Each	10.00	471.69	4716.90				
ii		Cost of Service coupler 152.40mm			Each	10.00	728.65	7286.50				
		Total - I						12003.40				
		Sundries @ 3% i.e. on Rs. 12003.4						360.10				
		Add contractor's profit @ 10% i.e. on Rs. 12363.5						1236.35				
		Add Labour cess @ 1% i.e. on Rs. 13599.85						136.00				
		Material Cost for	10	Nos.				13735.85				
		Material Cost for	1	Each				1373.59	1373.59			1373.59
II		Labour										
		Taking output	10	Nos.								
i		Fitter Pipe (1st Class)			Each	1.250	223.36	279.20				
ii		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - II						506.53				
		Sundries @ 3% i.e. on Rs. 506.53						15.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 521.73						112.17				
		Add Labour cess @ 1% i.e. on Rs. 633.9						6.34				
		Labour for	10.00	Nos.				640.24				
		Labour for	1.00	Each				64.02	64.02		64.02	
		Cost for	1.00	Each					1437.61			
		Add 10% for sub mountainous region										6.40
		Labour for	1.00	Each								70.42
		Cost for	1.00	Each								1444.01

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.44		Provo/ding, fixing and jointing gun-metal peet valves (Heavy Pattern) with hand wheels, on G.I. Pipe lines laid in the ground or inside buildings including all carriages complete.								
a		15mm i/d Gun Metal peet valve heavy pattern.								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Gun Metal peet valve heavy pattern.		Each	10.00	333.00	3330.00			
		Total - I					3330.00			
		Sundries @ 3% i.e. on Rs. 3330					99.90			
		Add contractor's profit @ 10% i.e. on Rs. 3429.9					342.99			
		Add Labour cess @ 1% i.e. on Rs. 3772.89					37.73			
		Material Cost for	10	Nos.			3810.62			
		Material Cost for	1	Each			381.06	381.06		381.06
II		Labour								
		Taking output	22	Nos.						
i		Fitter Pipe (Ist Class)		Each	1.000	223.36	223.36			
ii		Helper (Skilled worker - Upper)		Each	1.000	181.86	181.86			
		Total - II					223.36			
		Sundries @ 3% i.e. on Rs. 223.36					6.70			
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06					49.46			
		Add Labour cess @ 1% i.e. on Rs. 279.52					2.80			
		Labour for	22.00	Nos.			282.32			
		Labour for	1.00	Each			12.83	12.83	12.83	
		Cost for	1.00	Each				393.89		
		Add 10% for sub mountainous region								1.28
		Labour for	1.00	Each						14.11
		Cost for	1.00	Each						395.17

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		20mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	453.00	4530.00				
		Total - I						4530.00				
		Sundries @ 3% i.e. on Rs. 4530						135.90				
		Add contractor's profit @ 10% i.e. on Rs. 4665.9						466.59				
		Add Labour cess @ 1% i.e. on Rs. 5132.49						51.32				
		Material Cost for	10	Nos.				5183.81				
		Material Cost for	1	Each				518.38	518.38			518.38
II		Labour										
		Taking output	18	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	18.00	Nos.				282.32				
		Labour for	1.00	Each				15.68	15.68		15.68	
		Cost for	1.00	Each					534.06			
		Add 10% for sub mountainous region										1.57
		Labour for	1.00	Each								17.25
		Cost for	1.00	Each								535.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		25mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	699.00	6990.00				
		Total - I						6990.00				
		Sundries @ 3% i.e. on Rs. 6990						209.70				
		Add contractor's profit @ 10% i.e. on Rs. 7199.7						719.97				
		Add Labour cess @ 1% i.e. on Rs. 7919.67						79.20				
		Material Cost for	10	Nos.				7998.87				
		Material Cost for	1	Each				799.89	799.89			799.89
II		Labour										
		Taking output	16	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	16.00	Nos.				282.32				
		Labour for	1.00	Each				17.65	17.65		17.65	
		Cost for	1.00	Each					817.54			
		Add 10% for sub mountainous region										1.77
		Labour for	1.00	Each								19.42
		Cost for	1.00	Each								819.31

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		32mm i/d Gun Metal peet valve heavy pattern.								
		Unit :-		1 Each						
		Taking output		10 Nos.						
I		Materials								
i		Gun Metal peet valve heavy pattern.	Each	10.00	999.00	9990.00				
		Total - I				9990.00				
		Sundries @ 3% i.e. on Rs. 9990				299.70				
		Add contractor's profit @ 10% i.e. on Rs. 10289.7				1028.97				
		Add Labour cess @ 1% i.e. on Rs. 11318.67				113.19				
		Material Cost for		10 Nos.		11431.86				
		Material Cost for		1 Each		1143.19	1143.19			1143.19
II		Labour								
		Taking output		14 Nos.						
i		Fitter Pipe (Ist Class)	Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)	Each	1.000	181.86	181.86				
		Total - II				223.36				
		Sundries @ 3% i.e. on Rs. 223.36				6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06				49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52				2.80				
		Labour for		14.00 Nos.		282.32				
		Labour for		1.00 Each		20.17	20.17		20.17	
		Cost for		1.00 Each			1163.36			
		Add 10% for sub mountainous region								2.02
		Labour for		1.00 Each						22.19
		Cost for		1.00 Each						1165.38

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		40mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	1326.00	13260.00				
		Total - I						13260.00				
		Sundries @ 3% i.e. on Rs. 13260						397.80				
		Add contractor's profit @ 10% i.e. on Rs. 13657.8						1365.78				
		Add Labour cess @ 1% i.e. on Rs. 15023.58						150.24				
		Material Cost for	10	Nos.				15173.82				
		Material Cost for	1	Each				1517.38	1517.38			1517.38
II		Labour										
		Taking output	12	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	12.00	Nos.				282.32				
		Labour for	1.00	Each				23.53	23.53		23.53	
		Cost for	1.00	Each					1540.91			
		Add 10% for sub mountainous region										2.35
		Labour for	1.00	Each								25.88
		Cost for	1.00	Each								1543.26

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		50mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	2054.00	20540.00				
		Total - I						20540.00				
		Sundries @ 3% i.e. on Rs. 20540						616.20				
		Add contractor's profit @ 10% i.e. on Rs. 21156.2						2115.62				
		Add Labour cess @ 1% i.e. on Rs. 23271.82						232.72				
		Material Cost for	10	Nos.				23504.54				
		Material Cost for	1	Each				2350.45	2350.45			2350.45
II		Labour										
		Taking output	9	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	9.00	Nos.				282.32				
		Labour for	1.00	Each				31.37	31.37		31.37	
		Cost for	1.00	Each					2381.82			
		Add 10% for sub mountainous region										3.14
		Labour for	1.00	Each								34.51
		Cost for	1.00	Each								2384.96

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		65mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	3531.00	35310.00				
		Total - I						35310.00				
		Sundries @ 3% i.e. on Rs. 35310						1059.30				
		Add contractor's profit @ 10% i.e. on Rs. 36369.3						3636.93				
		Add Labour cess @ 1% i.e. on Rs. 40006.23						400.06				
		Material Cost for	10	Nos.				40406.29				
		Material Cost for	1	Each				4040.63	4040.63			4040.63
II		Labour										
		Taking output	7	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	7.00	Nos.				282.32				
		Labour for	1.00	Each				40.33	40.33		40.33	
		Cost for	1.00	Each					4080.96			
		Add 10% for sub mountainous region										4.03
		Labour for	1.00	Each								44.36
		Cost for	1.00	Each								4084.99

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		80mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	4844.00	48440.00				
		Total - I						48440.00				
		Sundries @ 3% i.e. on Rs. 48440						1453.20				
		Add contractor's profit @ 10% i.e. on Rs. 49893.2						4989.32				
		Add Labour cess @ 1% i.e. on Rs. 54882.52						548.83				
		Material Cost for	10	Nos.				55431.35				
		Material Cost for	1	Each				5543.14	5543.14			5543.14
II		Labour										
		Taking output	6	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	6.00	Nos.				282.32				
		Labour for	1.00	Each				47.05	47.05		47.05	
		Cost for	1.00	Each					5590.19			
		Add 10% for sub mountainous region										4.71
		Labour for	1.00	Each								51.76
		Cost for	1.00	Each								5594.90

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		100mm i/d Gun Metal peet valve heavy pattern.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Gun Metal peet valve heavy pattern.			Each	10.00	9706.00	97060.00				
		Total - I						97060.00				
		Sundries @ 3% i.e. on Rs. 97060						2911.80				
		Add contractor's profit @ 10% i.e. on Rs. 99971.8						9997.18				
		Add Labour cess @ 1% i.e. on Rs. 109968.98						1099.69				
		Material Cost for	10	Nos.				111068.67				
		Material Cost for	1	Each				11106.87	11106.87			11106.87
II		Labour										
		Taking output	6	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	6.00	Nos.				282.32				
		Labour for	1.00	Each				47.05	47.05		47.05	
		Cost for	1.00	Each					11153.92			
		Add 10% for sub mountainous region										4.71
		Labour for	1.00	Each								51.76
		Cost for	1.00	Each								11158.63

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.45		Providing, fixing & jointing screw down stop cocks of gun-metal or hard brass on G.I.Pipe lines laid in the ground or inside buildings including all carriages complete.								
a		15mm i/d Screw down stop cock of gun metal or hard brass.								
		Unit :-	1	Each						
		Taking output	10	Nos.						
I		Materials								
i		Screw down stop cock of gun metal or hard brass.	Each	10.00	182.00	1820.00				
		Total - I				1820.00				
		Sundries @ 3% i.e. on Rs. 1820				54.60				
		Add contractor's profit @ 10% i.e. on Rs. 1874.6				187.46				
		Add Labour cess @ 1% i.e. on Rs. 2062.06				20.62				
		Material Cost for	10	Nos.		2082.68				
		Material Cost for	1	Each		208.27	208.27			208.27
II		Labour								
		Taking output	22	Nos.						
i		Fitter Pipe (Ist Class)	Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)	Each	1.000	181.86	181.86				
		Total - II				223.36				
		Sundries @ 3% i.e. on Rs. 223.36				6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06				49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52				2.80				
		Labour for	22.00	Nos.		282.32				
		Labour for	1.00	Each		12.83	12.83		12.83	
		Cost for	1.00	Each			221.10			
		Add 10% for sub mountainous region								1.28
		Labour for	1.00	Each						14.11
		Cost for	1.00	Each						222.38

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		20mm i/d Screw down stop cock of gun metal or hard brass.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Screw down stop cock of gun metal or hard brass.			Each	10.00	260.00	2600.00				
		Total - I						2600.00				
		Sundries @ 3% i.e. on Rs. 2600						78.00				
		Add contractor's profit @ 10% i.e. on Rs. 2678						267.80				
		Add Labour cess @ 1% i.e. on Rs. 2945.8						29.46				
		Material Cost for	10	Nos.				2975.26				
		Material Cost for	1	Each				297.53	297.53			297.53
II		Labour										
		Taking output	18	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	18.00	Nos.				282.32				
		Labour for	1.00	Each				15.68	15.68		15.68	
		Cost for	1.00	Each					313.21			
		Add 10% for sub mountainous region										1.57
		Labour for	1.00	Each								17.25
		Cost for	1.00	Each								314.78

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		25mm i/d Screw down stop cock of gun metal or hard brass.										
		Unit :-	1	Each								
		Taking output	10	Nos.								
I		Materials										
i		Screw down stop cock of gun metal or hard brass.			Each	10.00	390.00	3900.00				
		Total - I						3900.00				
		Sundries @ 3% i.e. on Rs. 3900						117.00				
		Add contractor's profit @ 10% i.e. on Rs. 4017						401.70				
		Add Labour cess @ 1% i.e. on Rs. 4418.7						44.19				
		Material Cost for	10	Nos.				4462.89				
		Material Cost for	1	Each				446.29	446.29			446.29
II		Labour										
		Taking output	17	Nos.								
i		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
ii		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - II						223.36				
		Sundries @ 3% i.e. on Rs. 223.36						6.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 230.06						49.46				
		Add Labour cess @ 1% i.e. on Rs. 279.52						2.80				
		Labour for	17.00	Nos.				282.32				
		Labour for	1.00	Each				16.61	16.61		16.61	
		Cost for	1.00	Each					462.90			
		Add 10% for sub mountainous region										1.66
		Labour for	1.00	Each								18.27
		Cost for	1.00	Each								464.56

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.46		Fixing bib taps of Gun-metal or hard brass on G.I. pipe lines Including Cartage from divisional Stores or nearest Railway Station to site of works :-			Deleted					
28.47		Providing, fixing and jointing ball valves complete as desired by Engineer-in-Charge.			Deleted					
28.48		Fixing chromium plated brass shower rose including cartage from Divisional Store or nearest Railway Station to site of works :-			Deleted					

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.49		Making connection with the existing G.I. branch main up to 40mm size including cutting and threading pipe etc. complete excluding cost of tee and ling screw, but including all carriages complete. 25 to 40 mm nominal bore								
		Unit :-	1	Connection						
		Taking Output (Take 25mm i/d as an average size) :-	1	Connection						
I		Material								
i		G.I. Tee 25 mm i/d		Each	1.000	42.00	42.00			
ii		G.I. jam nut 25mm		Each	1.000	6.00	6.00			
		Total - I					48.00			
		Sundries @ 3% i.e. on Rs. 48					1.44			
		Add contractor's profit @ 10% i.e. on Rs. 49.44					4.94			
		Add Labour cess @ 1% i.e. on Rs. 54.38					0.54			
		Material cost for	1.00	Connection			54.92	54.92		54.92
II		Labour								
		Taking output	1	Connection						
i		Fitter Pipe (Ist Class)		Each	0.375	223.36	83.76			
ii		Mazdoor (Skilled - Upper)		Each	0.375	164.69	61.76			
		Total - II					145.52			
		Sundries @ 3% i.e. on Rs. 145.52					4.37			
		Add contractor's profit @ 21.50% i.e. on Rs. 149.89					32.23			
		Add Labour cess @ 1% i.e. on Rs. 182.12					1.82			
							183.94			
		Labour for	1	Connection			183.94	183.94		183.94
		Cost for	1	Connection				238.86		
		Add 10% for sub mountainous region								18.39
		Labour for	1	Connection						202.33
		Cost for	1	Connection						257.25

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.50		Providing, fixing & jointing water meter in G.I. pipe line including cutting and threading pipe and making long screw etc. complete including cost of G.I. Jam nut complete.								
a		15mm size								
		Unit :-	1	Each						
		Taking output	1	Nos.						
I		Materials								
i		Cost of Water Meter 15mm size		Each	1.00	625.00	625.00			
		Total - I					625.00			
		Sundries @ 3% i.e. on Rs. 625					18.75			
		Add contractor's profit @ 10% i.e. on Rs. 643.75					64.38			
		Add Labour cess @ 1% i.e. on Rs. 708.13					7.08			
							715.21			
		Material Cost for	1	Each			715.21	715.21		715.21
II		Labour								
		Taking output	1	Nos.						
i		Fitter Pipe (Ist Class)		Each	0.375	223.36	83.76			
ii		Helper (Skilled worker - Upper)		Each	0.375	181.86	68.20			
		Total - II					151.96			
		Sundries @ 3% i.e. on Rs. 151.96					4.56			
		Add contractor's profit @ 21.50% i.e. on Rs. 156.52					33.65			
		Add Labour cess @ 1% i.e. on Rs. 190.17					1.90			
							192.07			
		Labour for	1.00	Each			192.07	192.07	192.07	
		Cost for	1.00	Each				907.28		
		Add 10% for sub mountainous region								19.21
		Labour for	1.00	Each						211.28
		Cost for	1.00	Each						926.49

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		20mm size										
		Unit :-	1	Each								
		Taking output	1	Nos.								
I		Materials										
i		Cost of Water Meter 20mm size			Each	1.00	965.00	965.00				
		Total - I						965.00				
		Sundries @ 3% i.e. on Rs. 965						28.95				
		Add contractor's profit @ 10% i.e. on Rs. 993.95						99.40				
		Add Labour cess @ 1% i.e. on Rs. 1093.35						10.93				
								1104.28				
		Material Cost for	1	Each				1104.28	1104.28			1104.28
II		Labour										
		Taking output	1	Nos.								
i		Fitter Pipe (1st Class)			Each	0.375	223.36	83.76				
ii		Helper (Skilled worker - Upper)			Each	0.375	181.86	68.20				
		Total - II						151.96				
		Sundries @ 3% i.e. on Rs. 151.96						4.56				
		Add contractor's profit @ 21.50% i.e. on Rs. 156.52						33.65				
		Add Labour cess @ 1% i.e. on Rs. 190.17						1.90				
								192.07				
		Labour for	1.00	Each				192.07	192.07		192.07	
		Cost for	1.00	Each					1296.35			
		Add 10% for sub mountainous region										19.21
		Labour for	1.00	Each								211.28
		Cost for	1.00	Each								1315.56

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		25mm size										
		Unit :-	1	Each								
		Taking output	1	Nos.								
I		Materials										
i		Cost of Water Meter 25mm size			Each	1.00	1306.00	1306.00				
		Total - I						1306.00				
		Sundries @ 3% i.e. on Rs. 1306						39.18				
		Add contractor's profit @ 10% i.e. on Rs. 1345.18						134.52				
		Add Labour cess @ 1% i.e. on Rs. 1479.7						14.80				
								1494.50				
		Material Cost for	1	Each				1494.50	1494.50			1494.50
II		Labour										
		Taking output	1	Nos.								
i		Fitter Pipe (Ist Class)			Each	0.375	223.36	83.76				
ii		Helper (Skilled worker - Upper)			Each	0.375	181.86	68.20				
		Total - II						151.96				
		Sundries @ 3% i.e. on Rs. 151.96						4.56				
		Add contractor's profit @ 21.50% i.e. on Rs. 156.52						33.65				
		Add Labour cess @ 1% i.e. on Rs. 190.17						1.90				
								192.07				
		Labour for	1.00	Each				192.07	192.07		192.07	
		Cost for	1.00	Each					1686.57			
		Add 10% for sub mountainous region										19.21
		Labour for	1.00	Each								211.28
		Cost for	1.00	Each								1705.78

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.51		Providing & fixing Cast Iron surface box for Peet Valve, Stop Cock including all carriages complete.								
		Unit :-	1	Kg.						
		Taking output	5	Kg.						
I		Materials								
i		Cost of surface box		Kg.	5.00	45.00	225.00			
		Total - I					225.00			
		Sundries @ 3% i.e. on Rs. 225					6.75			
		Add contractor's profit @ 10% i.e. on Rs. 231.75					23.18			
		Add Labour cess @ 1% i.e. on Rs. 254.93					2.55			
		Material Cost for	5	Kg.			257.48			
		Material Cost for	1	Kg.			51.50	51.50		51.50
II		Labour								
		Taking output	5	Kg.						
i		Mason Class-II		Each	0.083	190.00	15.77			
ii		Helper (Skilled worker - Upper)		Each	0.083	181.86	15.09			
		Total - II					30.86			
		Sundries @ 3% i.e. on Rs. 30.86					0.93			
		Add contractor's profit @ 21.50% i.e. on Rs. 31.79					6.83			
		Add Labour cess @ 1% i.e. on Rs. 38.62					0.39			
		Labour for	5.00	Kg.			39.01			
		Labour for	1.00	Kg.			7.80	7.80	7.80	
		Cost for	1.00	Kg.				59.30		
		Add 10% for sub mountainous region								0.78
		Labour for	1.00	Kg.						8.58
		Cost for	1.00	Kg.						60.08

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.52	Fixing bell mouths with or without Puddle Collars Puddle collar Pieces and Plain, Socketted or flanged Pipes in brick works, cement concrete or reinforced Cement Concrete used for inlets, outlets, scour and overflow pipes of the overhead service reservoirs of the length of pipe of special embedded to Correct alignment and Levels including the cost of cutting hole if required, cement concrete filling around the pipes or specials and making goo/d the joint water tight including repointing, replastering and colour or white washing as required by the Engineer in charge.			DELETED and replaced with new					

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.52	DSR 18.41	Providing and filling sand grading as per specifications or fine grade around the various sizes of G.I. pipes in external work.								
		Unit :-	1	Cum						
		Taking Output :-	1	Cum						
I		Material								
i		Collection of Fine Sand (Rate as per Sub - Analysis attached)			Cum.	1.000	208.90			
		Total - I					208.90			
		Sundries @ 3% i.e. on Rs. 208.9					6.27			
		Add contractor's profit @ 10% i.e. on Rs. 215.17					21.52			
		Add Labour cess @ 1% i.e. on Rs. 236.69					2.37			
		Material cost for	1.00	Cum			239.06			
		Material cost for	1.00	Cum			239.06		239.06	239.06
II		Labour								
		Taking output	1	Cum						
i		Labour (Rate as per CSR item 14.71 Total - II)			Cum.	1.000	20.81			
		Total - II					20.81			
		Sundries @ 3% i.e. on Rs. 20.81					0.62			
		Add contractor's profit @ 21.50% i.e. on Rs. 21.43					4.61			
		Add Labour cess @ 1% i.e. on Rs. 26.04					0.26			
		Labour for	1	Cum			26.30			
		Labour for	1	Cum			26.30		26.30	26.30
		Cost for	1	Cum			265.36			
		Add 10% for sub mountainous region								2.63
		Labour for	1	Cum						28.93
		Cost for	1	Cum						267.99

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.53		Bailing out water from the trenches for making new connections in fully charged pipe lines including cleaning trimming and dressing the trenches to correct alignment and grade as required by the Engineer-in-charge. Size of the main with which connection is to be made.								
a		Upto 200mm i/d								
		Unit :-	1	Each Connection						
I		Labour								
i		Mazdoor (Skilled - Upper)		Each	4.00	164.69	658.76			
		Total - I					658.76			
		Sundries @ 3% i.e. on Rs. 658.76					19.76			
		Add contractor's profit @ 21.50% i.e. on Rs. 678.52					145.88			
		Add Labour cess @ 1% i.e. on Rs. 824.4					8.24			
							832.64			
		Labour for	1	Each Connection			832.64		832.64	
		Cost for	1.00	Each Connection			832.64			
		Add 10% for sub mountainous region								83.26
		Labour for	1.00	Each Connection						915.90
		Cost for	1.00	Each Connection						915.90

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		Exceeding 200mm i/d but not exceeding 300mm i/d								
		Unit :-	1	Each Connection						
I		Labour								
i		Mazdoor (Skilled - Upper)		Each	5.00	164.69	823.45			
		Total - I				823.45				
		Sundries @ 3% i.e. on Rs. 823.45				24.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 848.15				182.35				
		Add Labour cess @ 1% i.e. on Rs. 1030.5				10.31				
						1040.81				
		Labour for	1	Each Connection		1040.81	1040.81		1040.81	
		Cost for	1.00	Each Connection			1040.81			
		Add 10% for sub mountainous region								104.08
		Labour for	1.00	Each Connection						1144.89
		Cost for	1.00	Each Connection						1144.89

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		Exceeding 300mm i/d but not exceeding 450mm i/d										
		Unit :-	1	Each Connection								
I		Labour										
i		Mazdoor (Skilled - Upper)		Each	6.00	164.69	988.14					
		Total - I					988.14					
		Sundries @ 3% i.e. on Rs. 988.14					29.64					
		Add contractor's profit @ 21.50% i.e. on Rs. 1017.78					218.82					
		Add Labour cess @ 1% i.e. on Rs. 1236.6					12.37					
							1248.97					
		Labour for	1	Each Connection			1248.97	1248.97		1248.97		
		Cost for	1.00	Each Connection				1248.97				
		Add 10% for sub mountainous region										124.90
		Labour for	1.00	Each Connection								1373.87
		Cost for	1.00	Each Connection								1373.87

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		Exceeding 450mm i/d but not exceeding 600mm i/d										
		Unit :-	1	Each Connection								
I		Labour										
i		Mazdoor (Skilled - Upper)		Each	7.50	164.69	1235.18					
		Total - I					1235.18					
		Sundries @ 3% i.e. on Rs. 1235.18					37.06					
		Add contractor's profit @ 21.50% i.e. on Rs. 1272.24					273.53					
		Add Labour cess @ 1% i.e. on Rs. 1545.77					15.46					
							1561.23					
		Labour for	1	Each Connection			1561.23	1561.23		1561.23		
		Cost for	1.00	Each Connection				1561.23				
		Add 10% for sub mountainous region										156.12
		Labour for	1.00	Each Connection								1717.35
		Cost for	1.00	Each Connection								1717.35

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.54		Labour for laying, jointing, fixing and testing alkathene pipe lines and specials, tees, bends, sockets, elbows, etc., in trenches and testing etc. complete.	DELETED							

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
	28.55	Labour rates including materials in erecting, fixing and jointing fixtures to fitter beds, clear water tanks and sedimentation tanks, etc.	DELETED and replaced with new							

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.55	DSR	Disinfecting water mains by flushing with water containing bleaching powder at 0.5 gms per litre of water and cleaning the same with fresh water, operation to be repeated three times including getting the sample of water from the disinfected main tested in the municipal laboratory.								
	18.80									
a		80mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(80/10)2 x(100x100)/1000x0.5 gms. = 754.28 gms Say 0.008 Qtl.			Qtl.	0.008	1700.00	13.60		
		Total - I						13.60		
		Sundries @ 3% i.e. on Rs. 13.6						0.41		
		Add contractor's profit @ 10% i.e. on Rs. 14.01						1.40		
		Add Labour cess @ 1% i.e. on Rs. 15.41						0.15		
		Material cost for	100.00	m.				15.56		
		Material cost for	1.00	m.				0.16	0.16	0.16
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	0.33	223.36	73.71		
ii		Mazdoor (Skilled - Upper)			Each	1.31	164.69	215.74		
		Total - II						289.45		
		Sundries @ 3% i.e. on Rs. 289.45						8.68		
		Add contractor's profit @ 21.50% i.e. on Rs. 298.13						64.10		
		Add Labour cess @ 1% i.e. on Rs. 362.23						3.62		
		Labour for	100	m.				365.85		
		Labour for	1	m.				3.66	3.66	3.66
		Cost for	1	m.				3.82		
		Add 10% for sub mountainous region								0.37
		Labour for	1	m.						4.03
		Cost for	1	m.						4.19

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b 100mm diameter C.I. pipe.										
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(100/10)2 x(100x100)/1000x0.5 gms. = 1158.57 gms Say 0.012 Qtl.			Qtl.	0.012	1700.00	20.40		
		Total - I					20.40			
		Sundries @ 3% i.e. on Rs. 20.4					0.61			
		Add contractor's profit @ 10% i.e. on Rs. 21.01					2.10			
		Add Labour cess @ 1% i.e. on Rs. 23.11					0.23			
		Material cost for	100.00	m.			23.34			
		Material cost for	1.00	m.			0.23	0.23		0.23
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	0.49	223.36	109.45		
ii		Mazdoor (Skilled - Upper)			Each	1.64	164.69	270.09		
		Total - II					379.54			
		Sundries @ 3% i.e. on Rs. 379.54					11.39			
		Add contractor's profit @ 21.50% i.e. on Rs. 390.93					84.05			
		Add Labour cess @ 1% i.e. on Rs. 474.98					4.75			
		Labour for	100	m.			479.73			
		Labour for	1	m.			4.80	4.80		4.80
		Cost for	1	m.			5.03			
		Add 10% for sub mountainous region								0.48
		Labour for	1	m.						5.28
		Cost for	1	m.						5.51

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		125mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(125/10)2 x(100x100)/1000x0.5 gms. = 1841.52 gms Say 0.018 Qtl.			Qtl.	0.018	1700.00	30.60		
		Total - I					30.60			
		Sundries @ 3% i.e. on Rs. 30.6					0.92			
		Add contractor's profit @ 10% i.e. on Rs. 31.52					3.15			
		Add Labour cess @ 1% i.e. on Rs. 34.67					0.35			
		Material cost for	100.00	m.			35.02			
		Material cost for	1.00	m.			0.35	0.35		0.35
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	0.66	223.36	147.42		
ii		Mazdoor (Skilled - Upper)			Each	1.97	164.69	324.44		
		Total - II					471.86			
		Sundries @ 3% i.e. on Rs. 471.86					14.16			
		Add contractor's profit @ 21.50% i.e. on Rs. 486.02					104.49			
		Add Labour cess @ 1% i.e. on Rs. 590.51					5.91			
		Labour for	100	m.			596.42			
		Labour for	1	m.			5.96	5.96		5.96
		Cost for	1	m.				6.31		
		Add 10% for sub mountainous region								0.60
		Labour for	1	m.						6.56
		Cost for	1	m.						6.91

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		150mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(150/10)2 x(100x100)/1000x0.5 gms. = 2651 gms Say 0.027 Qtl.			Qtl.	0.027	1700.00	45.90		
		Total - I					45.90			
		Sundries @ 3% i.e. on Rs. 45.9					1.38			
		Add contractor's profit @ 10% i.e. on Rs. 47.28					4.73			
		Add Labour cess @ 1% i.e. on Rs. 52.01					0.52			
		Material cost for	100.00	m.			52.53			
		Material cost for	1.00	m.			0.53	0.53		0.53
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	0.82	223.36	183.16		
ii		Mazdoor (Skilled - Upper)			Each	2.30	164.69	378.79		
		Total - II					561.95			
		Sundries @ 3% i.e. on Rs. 561.95					16.86			
		Add contractor's profit @ 21.50% i.e. on Rs. 578.81					124.44			
		Add Labour cess @ 1% i.e. on Rs. 703.25					7.03			
		Labour for	100	m.			710.28			
		Labour for	1	m.			7.10	7.10		7.10
		Cost for	1	m.				7.63		
		Add 10% for sub mountainous region								0.71
		Labour for	1	m.						7.81
		Cost for	1	m.						8.34

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		200mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(200/10)2 x(100x100)/1000x0.5 gms. = 4712.39 gms Say 0.047 Qtl.			Qtl.	0.047	1700.00	79.90		
		Total - I					79.90			
		Sundries @ 3% i.e. on Rs. 79.9					2.40			
		Add contractor's profit @ 10% i.e. on Rs. 82.3					8.23			
		Add Labour cess @ 1% i.e. on Rs. 90.53					0.91			
		Material cost for	100.00	m.			91.44			
		Material cost for	1.00	m.			0.91	0.91		0.91
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	1.15	223.36	256.86		
ii		Mazdoor (Skilled - Upper)			Each	2.95	164.69	485.84		
		Total - II					742.70			
		Sundries @ 3% i.e. on Rs. 742.7					22.28			
		Add contractor's profit @ 21.50% i.e. on Rs. 764.98					164.47			
		Add Labour cess @ 1% i.e. on Rs. 929.45					9.29			
		Labour for	100	m.			938.74			
		Labour for	1	m.			9.39	9.39		9.39
		Cost for	1	m.				10.30		
		Add 10% for sub mountainous region								0.94
		Labour for	1	m.						10.33
		Cost for	1	m.						11.24

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		250mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(250/10)2 x(100x100)/1000x0.5 gms. = 7363.10 gms Say 0.074 Qtl.			Qtl.	0.074	1700.00	125.80		
		Total - I					125.80			
		Sundries @ 3% i.e. on Rs. 125.8					3.77			
		Add contractor's profit @ 10% i.e. on Rs. 129.57					12.96			
		Add Labour cess @ 1% i.e. on Rs. 142.53					1.43			
		Material cost for	100.00	m.			143.96			
		Material cost for	1.00	m.			1.44	1.44		1.44
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	1.48	223.36	330.57		
ii		Mazdoor (Skilled - Upper)			Each	3.61	164.69	594.53		
		Total - II					925.10			
		Sundries @ 3% i.e. on Rs. 925.1					27.75			
		Add contractor's profit @ 21.50% i.e. on Rs. 952.85					204.86			
		Add Labour cess @ 1% i.e. on Rs. 1157.71					11.58			
		Labour for	100	m.			1169.29			
		Labour for	1	m.			11.69	11.69		11.69
		Cost for	1	m.				13.13		
		Add 10% for sub mountainous region								1.17
		Labour for	1	m.						12.86
		Cost for	1	m.						14.30

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		300mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(300/10)2 x(100x100)/1000x0.5 gms. = 10602.88 gms Say 0.106 Qtl.			Qtl.	0.106	1700.00	180.20		
		Total - I					180.20			
		Sundries @ 3% i.e. on Rs. 180.2					5.41			
		Add contractor's profit @ 10% i.e. on Rs. 185.61					18.56			
		Add Labour cess @ 1% i.e. on Rs. 204.17					2.04			
		Material cost for	100.00	m.			206.21			
		Material cost for	1.00	m.			2.06	2.06		2.06
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	1.64	223.36	366.31		
ii		Mazdoor (Skilled - Upper)			Each	3.94	164.69	648.88		
		Total - II					1015.19			
		Sundries @ 3% i.e. on Rs. 1015.19					30.46			
		Add contractor's profit @ 21.50% i.e. on Rs. 1045.65					224.81			
		Add Labour cess @ 1% i.e. on Rs. 1270.46					12.70			
		Labour for	100	m.			1283.16			
		Labour for	1	m.			12.83	12.83		12.83
		Cost for	1	m.				14.89		
		Add 10% for sub mountainous region								1.28
		Labour for	1	m.						14.11
		Cost for	1	m.						16.17

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h 350mm diameter C.I. pipe.										
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(350/10)2 x(100x100)/1000x0.5 gms. = 14431.70 gms Say 0.144 Qtl.			Qtl.	0.144	1700.00	244.80		
		Total - I					244.80			
		Sundries @ 3% i.e. on Rs. 244.8					7.34			
		Add contractor's profit @ 10% i.e. on Rs. 252.14					25.21			
		Add Labour cess @ 1% i.e. on Rs. 277.35					2.77			
		Material cost for	100.00	m.			280.12			
		Material cost for	1.00	m.			2.80	2.80		2.80
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	1.80	223.36	402.05		
ii		Mazdoor (Skilled - Upper)			Each	4.27	164.69	703.23		
		Total - II					1105.28			
		Sundries @ 3% i.e. on Rs. 1105.28					33.16			
		Add contractor's profit @ 21.50% i.e. on Rs. 1138.44					244.76			
		Add Labour cess @ 1% i.e. on Rs. 1383.2					13.83			
		Labour for	100	m.			1397.03			
		Labour for	1	m.			13.97	13.97		13.97
		Cost for	1	m.				16.77		
		Add 10% for sub mountainous region								1.40
		Labour for	1	m.						15.37
		Cost for	1	m.						18.17

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		400mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(400/10)2 x(100x100)/1000x0.5 gms. = 18849.60 gms Say 0.189 Qtl.	Qtl.	0.189	1700.00	321.30				
		Total - I				321.30				
		Sundries @ 3% i.e. on Rs. 321.3				9.64				
		Add contractor's profit @ 10% i.e. on Rs. 330.94				33.09				
		Add Labour cess @ 1% i.e. on Rs. 364.03				3.64				
		Material cost for	100.00	m.		367.67				
		Material cost for	1.00	m.		3.68	3.68			3.68
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)	Each	1.97	223.36	440.02				
ii		Mazdoor (Skilled - Upper)	Each	4.59	164.69	755.93				
		Total - II				1195.95				
		Sundries @ 3% i.e. on Rs. 1195.95				35.88				
		Add contractor's profit @ 21.50% i.e. on Rs. 1231.83				264.84				
		Add Labour cess @ 1% i.e. on Rs. 1496.67				14.97				
		Labour for	100	m.		1511.64				
		Labour for	1	m.		15.12	15.12			15.12
		Cost for	1	m.			18.80			
		Add 10% for sub mountainous region								1.51
		Labour for	1	m.						16.63
		Cost for	1	m.						20.31

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		450mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(450/10)2 x(100x100)/1000x0.5 gms. = 23856.50 gms Say 0.239 Qtl.			Qtl.	0.239	1700.00	406.30		
		Total - I					406.30			
		Sundries @ 3% i.e. on Rs. 406.3					12.19			
		Add contractor's profit @ 10% i.e. on Rs. 418.49					41.85			
		Add Labour cess @ 1% i.e. on Rs. 460.34					4.60			
		Material cost for	100.00	m.			464.94			
		Material cost for	1.00	m.			4.65	4.65		4.65
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	2.13	223.36	475.76		
ii		Mazdoor (Skilled - Upper)			Each	4.92	164.69	810.27		
		Total - II					1286.03			
		Sundries @ 3% i.e. on Rs. 1286.03					38.58			
		Add contractor's profit @ 21.50% i.e. on Rs. 1324.61					284.79			
		Add Labour cess @ 1% i.e. on Rs. 1609.4					16.09			
		Labour for	100	m.			1625.49			
		Labour for	1	m.			16.25	16.25		16.25
		Cost for	1	m.				20.90		
		Add 10% for sub mountainous region								1.63
		Labour for	1	m.						17.88
		Cost for	1	m.						22.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		500mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(500/10)2 x(100x100)/1000x0.5 gms. = 29452.40 gms Say 0.295 Qtl.			Qtl.	0.295	1700.00	501.50		
		Total - I					501.50			
		Sundries @ 3% i.e. on Rs. 501.5					15.05			
		Add contractor's profit @ 10% i.e. on Rs. 516.55					51.66			
		Add Labour cess @ 1% i.e. on Rs. 568.21					5.68			
		Material cost for	100.00	m.			573.89			
		Material cost for	1.00	m.			5.74	5.74		5.74
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	2.30	223.36	513.73		
ii		Mazdoor (Skilled - Upper)			Each	5.25	164.69	864.62		
		Total - II					1378.35			
		Sundries @ 3% i.e. on Rs. 1378.35					41.35			
		Add contractor's profit @ 21.50% i.e. on Rs. 1419.7					305.24			
		Add Labour cess @ 1% i.e. on Rs. 1724.94					17.25			
		Labour for	100	m.			1742.19			
		Labour for	1	m.			17.42	17.42		17.42
		Cost for	1	m.				23.16		
		Add 10% for sub mountainous region								1.74
		Labour for	1	m.						19.16
		Cost for	1	m.						24.90

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		600mm diameter C.I. pipe.								
		Unit :-	1	m.						
		Taking output :	100	m.						
I		Material								
i		Bleaching powder 3x3.1416/4x(600/10)2 x(100x100)/1000x0.5 gms. = 42411.50 gms Say 0.424 Qtl.			Qtl.	0.424	1700.00	720.80		
		Total - I					720.80			
		Sundries @ 3% i.e. on Rs. 720.8					21.62			
		Add contractor's profit @ 10% i.e. on Rs. 742.42					74.24			
		Add Labour cess @ 1% i.e. on Rs. 816.66					8.17			
		Material cost for	100.00	m.			824.83			
		Material cost for	1.00	m.			8.25	8.25		8.25
II		Labour								
		Taking output	100	m.						
i		Fitter Pipe (Ist Class)			Each	2.62	223.36	585.20		
ii		Mazdoor (Skilled - Upper)			Each	5.91	164.69	973.32		
		Total - II					1558.52			
		Sundries @ 3% i.e. on Rs. 1558.52					46.76			
		Add contractor's profit @ 21.50% i.e. on Rs. 1605.28					345.14			
		Add Labour cess @ 1% i.e. on Rs. 1950.42					19.50			
		Labour for	100	m.			1969.92			
		Labour for	1	m.			19.70	19.70		19.70
		Cost for	1	m.				27.95		
		Add 10% for sub mountainous region								1.97
		Labour for	1	m.						21.67
		Cost for	1	m.						29.92

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.56		Providing, laying, fixing and testing M.S. pipe lines and specials tees, bends, sockets, elbows etc. in trenches in the ground cutting, threading and testing etc. as per IS-1239 complete.								
a		100mm internal diameter								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Materials								
i		Cost of M.S. pipe		Kg.	441.00	45.00	19845.00			
		Total - I					19845.00			
		Sundries @ 3% i.e. on Rs. 19845					595.35			
		Add contractor's profit @ 10% i.e. on Rs. 20440.35					2044.04			
		Add Labour cess @ 1% i.e. on Rs. 22484.39					224.84			
		Material Cost for	30	m.			22709.23			
		Material Cost for	1	m.			756.97	756.97		756.97
II		Labour								
		Taking output	30	m.						
i		Fitter Pipe (Ist Class)		Each	1.500	223.36	335.04			
ii		Helper (Skilled worker - Upper)		Each	1.500	181.86	272.79			
i		Fitter Pipe (Ist Class) for testing of pipe lines		Each	1.000	223.36	223.36			
ii		Helper (Skilled worker - Upper) for testing of pipe lines		Each	1.000	181.86	181.86			
		Total - II					1013.05			
		Sundries @ 3% i.e. on Rs. 1013.05					30.39			
		Add contractor's profit @ 21.50% i.e. on Rs. 1043.44					224.34			
		Add Labour cess @ 1% i.e. on Rs. 1267.78					12.68			
		Labour for	30.00	m.			1280.46			
		Labour for	1.00	m.			42.68	42.68	42.68	
		Cost for	1.00	m.				799.65		
		Add 10% for sub mountainous region								4.27
		Labour for	1.00	m.						46.95
		Cost for	1.00	m.						803.92

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		150mm internal diameter										
		Unit :-	1	m.								
		Taking output	30	m.								
I		Materials										
i		Cost of M.S. pipe			Kg.	654.00	45.00	29430.00				
		Total - I						29430.00				
		Sundries @ 3% i.e. on Rs. 29430						882.90				
		Add contractor's profit @ 10% i.e. on Rs. 30312.9						3031.29				
		Add Labour cess @ 1% i.e. on Rs. 33344.19						333.44				
		Material Cost for	30	m.				33677.63				
		Material Cost for	1	m.				1122.59	1122.59			1122.59
II		Labour										
		Taking output	30	m.								
i		Fitter Pipe (Ist Class)			Each	2.250	223.36	502.56				
ii		Helper (Skilled worker - Upper)			Each	2.250	181.86	409.19				
i		Fitter Pipe (Ist Class) for testing of pipe lines			Each	1.500	223.36	335.04				
ii		Helper (Skilled worker - Upper) for testing of pipe lines			Each	1.500	181.86	272.79				
		Total - II						1519.58				
		Sundries @ 3% i.e. on Rs. 1519.58						45.59				
		Add contractor's profit @ 21.50% i.e. on Rs. 1565.17						336.51				
		Add Labour cess @ 1% i.e. on Rs. 1901.68						19.02				
		Labour for	30.00	m.				1920.70				
		Labour for	1.00	m.				64.02	64.02		64.02	
		Cost for	1.00	m.					1186.61			
		Add 10% for sub mountainous region										6.40
		Labour for	1.00	m.								70.42
		Cost for	1.00	m.								1193.01

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.57		Providing and placing in horizontal layers filtering mei/d screened, washed and cleaned as described below:-								
(a)		Top Layer:Top layer :----- Fine sand screened, cleaned and washed and graded (effective size 0.2 to 0.4mm with uniformity coefficient 2.00 to 3.00) from Pathankot or other approved source.								
		Unit :-	1	Cum						
		Taking output	1	Cum						
(I)		Material								
(i)		Fine sand from approved source with an average lead of 5 Kms., loading / unloading including 25% wastage of sand in 1cum for making it fit as filtering mei/d (Sub Analysis attached)								
				Cum	1.25	200.59	250.74			
		Total - I					250.74			
		Sundries @ 3% i.e. on Rs. 250.74					7.52			
		Add contractor's profit @ 10% i.e. on Rs. 258.26					25.83			
		Add Labour cess @ 1% i.e. on Rs. 284.09					2.84			
		Material Cost for	1	Cum			286.93			
		Material Cost for	1	Cum			286.93	286.93		286.93
(II)		Labour								
(i)		Screening of sand in two action carrying sand for placing in filter beds to correct level and grade after cleaning, screening and washing etc. (Rate as per CSR item 14.71 Total - II)								
				Cum	1.25	20.81	26.01			
(iii)		Washing of sand in two action (Rate as per CSR 3.51)								
				Cum	1.25	36.00	45.00			
(ii)		Mazdoor (Skilled - Upper)								
				Each	1.125	164.69	185.28			
		Total - II					256.29			
		Sundries @ 3% i.e. on Rs. 256.29					7.69			
		Add contractor's profit @ 21.50% i.e. on Rs. 263.98					56.76			
		Add Labour cess @ 1% i.e. on Rs. 320.74					3.21			
		Labour for	1.00	Cum			323.95			
		Labour for	1.00	Cum			323.95	323.95	323.95	
		Cost for	1.00	Cum				610.88		
		Add 10% for sub mountainous region								32.40
		Labour for	1.00	Cum						356.35
		Cost for	1.00	Cum						643.28

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(b)		Second Layer :----- Coursed sand screened, cleaned and washed and graded from 3mm to 6mm (from Pathankot or approved equivalent quarry).								
		Unit :-	1	Cum						
		Taking output	1	Cum						
(I)		Material								
(i)		Course sand from approved source with an average lead of 5 Kms., loading / unloading including 25% wastage of sand in 1cum for making it fit as filtering mei/d (Sub Analysis attached)								
				Cum	1.25	280.73	350.91			
		Total - I					350.91			
		Sundries @ 3% i.e. on Rs. 350.91					10.53			
		Add contractor's profit @ 10% i.e. on Rs. 361.44					36.14			
		Add Labour cess @ 1% i.e. on Rs. 397.58					3.98			
		Material Cost for	1	Cum			401.56			
		Material Cost for	1	Cum			401.56	401.56		401.56
(II)		Labour								
(i)		Screening of sand in two action carrying sand for placing in filter beds to correct level and grade after cleaning, screening and washing etc. (Rate as per CSR item 14.71 Total - II)			Cum	1.25	20.81	26.01		
(iii)		Washing of sand in two action (Rate as per CSR 3.51)			Cum	1.25	36.00	45.00		
(ii)		Mazdoor (Skilled - Upper) for screeming of course sand in two action			Each	0.75	164.69	123.52		
(ii)		Mazdoor (Skilled - Upper) for carrying sand for placing in the filter bed after cleaning and washing etc.			Each	0.50	164.69	82.35		
		Total - II					276.88			
		Sundries @ 3% i.e. on Rs. 276.88					8.31			
		Add contractor's profit @ 21.50% i.e. on Rs. 285.19					61.32			
		Add Labour cess @ 1% i.e. on Rs. 346.51					3.47			
		Labour for	1.00	Cum			349.98			
		Labour for	1.00	Cum			349.98	349.98	349.98	
		Cost for	1.00	Cum				751.54		
		Add 10% for sub mountainous region								35.00
		Labour for	1.00	Cum						384.98
		Cost for	1.00	Cum						786.54

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(c)		Third Layer :----- Bajri screened, cleaned and washed and graded from 6mm to 20mm (from Pathankot or approved equivalent quarry).								
		Unit :-	1	Cum						
		Taking output	1	Cum						
(I)		Material								
(i)		Bajri 10/20mm from approved source with an average lead of 5 Kms., loading / unloading including 25% wastage of sand in 1cum for making it fit as filtering mei/d (Sub Analysis attached)								
				Cum	1.25	448.28	560.35			
		Total - I					560.35			
		Sundries @ 3% i.e. on Rs. 560.35					16.81			
		Add contractor's profit @ 10% i.e. on Rs. 577.16					57.72			
		Add Labour cess @ 1% i.e. on Rs. 634.88					6.35			
		Material Cost for	1	Cum			641.23			
		Material Cost for	1	Cum			641.23	641.23		641.23
(II)		Labour								
(i)		Screening of sand in two action carrying sand for placing in filter beds to correct level and grade after cleaning, screening and washing etc. (Rate as per CSR item 14.71 Total - II)			Cum	1.25	20.81	26.01		
(iii)		Washing of sand in two action (Rate as per CSR 3.51)			Cum	1.25	36.00	45.00		
(ii)		Mazdoor (Skilled - Upper) for screeming of course sand in two action			Each	0.50	164.69	82.35		
		Total - II					153.36			
		Sundries @ 3% i.e. on Rs. 153.36					4.60			
		Add contractor's profit @ 21.50% i.e. on Rs. 157.96					33.96			
		Add Labour cess @ 1% i.e. on Rs. 191.92					1.92			
		Labour for	1.00	Cum			193.84			
		Labour for	1.00	Cum			193.84	193.84	193.84	
		Cost for	1.00	Cum				835.07		
		Add 10% for sub mountainous region								19.38
		Labour for	1.00	Cum						213.22
		Cost for	1.00	Cum						854.45

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(d)		Fourth Layer :----- Bajri (Coursed) screened, cleaned and washed and graded from 20mm to 25mm (from Pathankot or approved equivalent quarry).								
		Unit :-	1	Cum						
		Taking output	1	Cum						
(I)		Material								
(i)		20mm from approved source with an average lead of 5 Kms., loading / unloading including 25% wastage of sand in 1cum for making it fit as filtering mei/d (Sub Analysis attached)								
				Cum	1.25	435.24	544.05			
		Total - I					544.05			
		Sundries @ 3% i.e. on Rs. 544.05					16.32			
		Add contractor's profit @ 10% i.e. on Rs. 560.37					56.04			
		Add Labour cess @ 1% i.e. on Rs. 616.41					6.16			
		Material Cost for	1	Cum			622.57			
		Material Cost for	1	Cum			622.57	622.57		622.57
(II)		Labour								
(i)		Screening of sand in two action carrying sand for placing in filter beds to correct level and grade after cleaning, screening and washing etc. (Rate as per CSR item 14.71 Total - II)			Cum	1.25	20.81	26.01		
(iii)		Washing of sand in two action (Rate as per CSR 3.51)			Cum	1.25	36.00	45.00		
(ii)		Mazdoor (Skilled - Upper) for screeming of course sand in two action			Each	0.50	164.69	82.35		
		Total - II					153.36			
		Sundries @ 3% i.e. on Rs. 153.36					4.60			
		Add contractor's profit @ 21.50% i.e. on Rs. 157.96					33.96			
		Add Labour cess @ 1% i.e. on Rs. 191.92					1.92			
		Labour for	1.00	Cum			193.84			
		Labour for	1.00	Cum			193.84	193.84	193.84	
		Cost for	1.00	Cum				816.41		
		Add 10% for sub mountainous region								19.38
		Labour for	1.00	Cum						213.22
		Cost for	1.00	Cum						835.79

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(e)		Bottom Layer :----- Broken stone, screened, cleaned and washed and graded from 50mm to 75mm (from Pathankot or approved equivalent quarry).								
		Unit :-	1	Cum						
		Taking output	1	Cum						
(I)		Material								
(i)		20-50mm from approved source with an average lead of 5 Kms., loading / unloading including 25% wastage of sand in 1cum for making it fit as filtering mei/d (Sub Analysis attached)								
				Cum	1.25	425.22	531.53			
		Total - I					531.53			
		Sundries @ 3% i.e. on Rs. 531.53					15.95			
		Add contractor's profit @ 10% i.e. on Rs. 547.48					54.75			
		Add Labour cess @ 1% i.e. on Rs. 602.23					6.02			
		Material Cost for	1	Cum			608.25			
		Material Cost for	1	Cum			608.25	608.25		608.25
(II)		Labour								
(i)		Screening of sand in two action carrying sand for placing in filter beds to correct level and grade after cleaning, screening and washing etc. (Rate as per CSR item 14.71 Total - II)			Cum	1.25	20.81	26.01		
(iii)		Washing of sand in two action (Rate as per CSR 3.51)			Cum	1.25	36.00	45.00		
(ii)		Mazdoor (Skilled - Upper) for screeming of course sand in two action			Each	0.50	164.69	82.35		
		Total - II					153.36			
		Sundries @ 3% i.e. on Rs. 153.36					4.60			
		Add contractor's profit @ 21.50% i.e. on Rs. 157.96					33.96			
		Add Labour cess @ 1% i.e. on Rs. 191.92					1.92			
		Labour for	1.00	Cum			193.84			
		Labour for	1.00	Cum			193.84	193.84	193.84	
		Cost for	1.00	Cum				802.09		
		Add 10% for sub mountainous region								19.38
		Labour for	1.00	Cum						213.22
		Cost for	1.00	Cum						821.47

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.58		Painting G.I. Pipes and Specials with synthetic enamel Paint in all shades as per I.S.I. specification on existing or new work, two coats paints including cleaning rubbing surface, etc.								
a		15mm & 20mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.3 ISI marked paint)			Sqm.	2.25	27.96	62.91		
		Assuming average perimeter 75mm, Area to be Painted 75*30 /1000 = 2.25 Sqm.								
		Add 10% for slow progress in small job connected with pipe work								
							6.29			
		Total - I					69.20			
		Material cost for	30	m.			69.20			
		Material cost for	1	m.			2.31	2.31		2.31
II		Labour:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.3 ISI marked paint)			Sqm.	2.25	12.20	27.45		
		Add 10% for slow progress in small job connected with pipe work								
							2.75			
		Total - II					30.20			
		Labour for	30	m.			30.20			
		Labour for	1	m.			1.01	1.01		1.01
		Cost for	1	m.				3.32		
		Add 10% for sub mountainous region								0.10
		Labour for	1	m.						1.11
		Cost for	1	m.						3.42

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		25mm & 32mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.3 ISI marked paint)			Sqm.	3.00	27.96	83.88		
		Assuming average perimeter 100mm, Area to be Painted 100*30 /1000 = 3.00 Sqm.								
		Add 7.50% for slow progress in small job connected with pipe work								
							6.29			
		Total - I					90.17			
		Material cost for	30	m.			90.17			
		Material cost for	1	m.			3.01	3.01		3.01
II		Labour:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.3 ISI marked paint)			Sqm.	3.00	12.20	36.60		
		Add 7.50% for slow progress in small job connected with pipe work								
							2.75			
		Total - II					39.35			
		Labour for	30	m.			39.35			
		Labour for	1	m.			1.31	1.31		1.31
		Cost for	1	m.				4.32		
		Add 10% for sub mountainous region								0.13
		Labour for	1	m.						1.44
		Cost for	1	m.						4.45

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		40mm & 50mm i/d G.I. Pipe										
		Unit :-	1	m.								
		Taking output	30	m.								
I		Material:										
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.3 ISI marked paint)			Sqm.	4.80	27.96	134.21				
		Assuming average perimeter 160mm, Area to be Painted 160*30 /1000 = 4.80 Sqm.										
		Add 5% for slow progress in small job connected with pipe work										
								6.71				
		Total - I						140.92				
		Material cost for	30	m.				140.92				
		Material cost for	1	m.				4.70	4.70			4.70
II		Labour:										
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.3 ISI marked paint)			Sqm.	4.80	12.20	58.56				
		Add 5% for slow progress in small job connected with pipe work										
								2.93				
		Total - II						61.49				
		Labour for	30	m.				61.49				
		Labour for	1	m.				2.05	2.05			2.05
		Cost for	1	m.					6.75			
		Add 10% for sub mountainous region										0.21
		Labour for	1	m.								2.26
		Cost for	1	m.								6.96

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.59		Repainting G.I. Pipes and Specials with synthetic enamel Paint in all shades as per I.S.I. specification on existing work, one coats paints including cleaning rubbing surface, etc.								
a		15mm & 20mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.7 ISI marked paint)			Sqm.	2.25	12.53	28.19		
		Assuming average perimeter 75mm, Area to be Painted 75*30 /1000 = 2.25 Sqm.								
		Add 10% for slow progress in small job connected with pipe work								
							2.82			
		Total - I					31.01			
		Material cost for	30	m.			31.01			
		Material cost for	1	m.			1.03	1.03		1.03
II		Labour:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.7 ISI marked paint)			Sqm.	2.25	7.74	17.42		
		Add 10% for slow progress in small job connected with pipe work								
							1.74			
		Total - II					19.16			
		Labour for	30	m.			19.16			
		Labour for	1	m.			0.64	0.64		0.64
		Cost for	1	m.				1.67		
		Add 10% for sub mountainous region								0.06
		Labour for	1	m.						0.70
		Cost for	1	m.						1.73

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		25mm & 32mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.7 ISI marked paint)			Sqm.	3.00	12.53	37.59		
		Assuming average perimeter 100mm, Area to be Painted 100*30 /1000 = 3.00 Sqm.								
		Add 7.50% for slow progress in small job connected with pipe work								
							2.82			
		Total - I					40.41			
		Material cost for	30	m.			40.41			
		Material cost for	1	m.			1.35	1.35		1.35
II		Labour:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.7 ISI marked paint)			Sqm.	3.00	7.74	23.22		
		Add 7.50% for slow progress in small job connected with pipe work								
							1.74			
		Total - II					24.96			
		Labour for	30	m.			24.96			
		Labour for	1	m.			0.83	0.83		0.83
		Cost for	1	m.				2.18		
		Add 10% for sub mountainous region								0.08
		Labour for	1	m.						0.91
		Cost for	1	m.						2.26

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		40mm & 50mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.7 ISI marked paint)			Sqm.	4.80	12.53	60.14		
		Assuming average perimeter 160mm, Area to be Painted 160*30 /1000 = 4.80 Sqm.								
		Add 5% for slow progress in small job connected with pipe work								
							3.01			
		Total - I					63.15			
		Material cost for	30	m.			63.15			
		Material cost for	1	m.			2.11	2.11		2.11
II		Labour:								
(i)		Applying two coat of synthetic enamel paint (Rate as per CSR 16.7 ISI marked paint)			Sqm.	4.80	7.74	37.15		
		Add 5% for slow progress in small job connected with pipe work								
							1.86			
		Total - II					39.01			
		Labour for	30	m.			39.01			
		Labour for	1	m.			1.30	1.30		1.30
		Cost for	1	m.				3.41		
		Add 10% for sub mountainous region								0.13
		Labour for	1	m.						1.43
		Cost for	1	m.						3.54

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.60		Painting G.I. Pipes and Specials with Aluminium Paint Paint in all shades as per I.S.I. specification on existing or new work, two coats paints including cleaning rubbing surface, etc.								
a		15mm & 20mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.18 ISI marked paint)			Sqm.	2.25	17.46	39.29		
		Assuming average perimeter 75mm, Area to be Painted 75*30 /1000 = 2.25 Sqm.								
		Add 10% for slow progress in small job connected with pipe work								
							3.93			
		Total - I					43.22			
		Material cost for	30	m.			43.22			
		Material cost for	1	m.			1.44	1.44		1.44
II		Labour:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.18 ISI marked paint)			Sqm.	2.25	14.86	33.44		
		Add 10% for slow progress in small job connected with pipe work								
							3.34			
		Total - II					36.78			
		Labour for	30	m.			36.78			
		Labour for	1	m.			1.23	1.23		1.23
		Cost for	1	m.			2.67			
		Add 10% for sub mountainous region								0.12
		Labour for	1	m.						1.35
		Cost for	1	m.						2.79

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		25mm & 32mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.18 ISI marked paint)			Sqm.	3.00	17.46	52.38		
		Assuming average perimeter 100mm, Area to be Painted 100*30 /1000 = 3.00 Sqm.								
		Add 7.50% for slow progress in small job connected with pipe work								
							3.93			
		Total - I					56.31			
		Material cost for	30	m.			56.31			
		Material cost for	1	m.			1.88	1.88		1.88
II		Labour:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.18 ISI marked paint)			Sqm.	3.00	14.86	44.58		
		Add 7.50% for slow progress in small job connected with pipe work								
							3.34			
		Total - II					47.92			
		Labour for	30	m.			47.92			
		Labour for	1	m.			1.60	1.60		1.60
		Cost for	1	m.			3.48			
		Add 10% for sub mountainous region								0.16
		Labour for	1	m.						1.76
		Cost for	1	m.						3.64

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		40mm & 50mm i/d G.I. Pipe										
		Unit :-	1	m.								
		Taking output	30	m.								
I		Material:										
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.18 ISI marked paint)			Sqm.	4.80	17.46	83.81				
		Assuming average perimeter 160mm, Area to be Painted 160*30 /1000 = 4.80 Sqm.										
		Add 5% for slow progress in small job connected with pipe work										
								4.19				
		Total - I						88.00				
		Material cost for	30	m.				88.00				
		Material cost for	1	m.				2.93	2.93			2.93
II		Labour:										
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.18 ISI marked paint)			Sqm.	4.80	14.86	71.33				
		Add 5% for slow progress in small job connected with pipe work										
								3.57				
		Total - II						74.90				
		Labour for	30	m.				74.90				
		Labour for	1	m.				2.50	2.50			2.50
		Cost for	1	m.					5.43			
		Add 10% for sub mountainous region										0.25
		Labour for	1	m.								2.75
		Cost for	1	m.								5.68

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.61		Repainting G.I. Pipes and Specials with Aluminium Paint Paint in all shades as per I.S.I. specification on existing work, one coats paints including cleaning rubbing surface, etc.								
a		15mm & 20mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.19 ISI marked paint)			Sqm.	2.25	8.35	18.79		
		Assuming average perimeter 75mm, Area to be Painted 75*30 /1000 = 2.25 Sqm.								
		Add 10% for slow progress in small job connected with pipe work								
							1.88			
		Total - I					20.67			
		Material cost for	30	m.			20.67			
		Material cost for	1	m.			0.69	0.69		0.69
II		Labour:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.19 ISI marked paint)			Sqm.	2.25	9.06	20.39		
		Add 10% for slow progress in small job connected with pipe work								
							2.04			
		Total - II					22.43			
		Labour for	30	m.			22.43			
		Labour for	1	m.			0.75	0.75		0.75
		Cost for	1	m.			1.44			
		Add 10% for sub mountainous region								0.08
		Labour for	1	m.						0.83
		Cost for	1	m.						1.52

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		25mm & 32mm i/d G.I. Pipe										
		Unit :-	1	m.								
		Taking output	30	m.								
I		Material:										
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.19 ISI marked paint)			Sqm.	3.00	8.35	25.05				
		Assuming average perimeter 100mm, Area to be Painted 100*30 /1000 = 3.00 Sqm.										
		Add 7.50% for slow progress in small job connected with pipe work										
								1.88				
		Total - I						26.93				
		Material cost for	30	m.				26.93				
		Material cost for	1	m.				0.90	0.90			0.90
II		Labour:										
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.19 ISI marked paint)			Sqm.	3.00	9.06	27.18				
		Add 7.50% for slow progress in small job connected with pipe work										
								2.04				
		Total - II						29.22				
		Labour for	30	m.				29.22				
		Labour for	1	m.				0.97	0.97			0.97
		Cost for	1	m.					1.87			
		Add 10% for sub mountainous region										0.10
		Labour for	1	m.								1.07
		Cost for	1	m.								1.97

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		40mm & 50mm i/d G.I. Pipe								
		Unit :-	1	m.						
		Taking output	30	m.						
I		Material:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.19 ISI marked paint)			Sqm.	4.80	8.35	40.08		
		Assuming average perimeter 160mm, Area to be Painted 160*30 /1000 = 4.80 Sqm.								
		Add 5% for slow progress in small job connected with pipe work								
							2.00			
		Total - I					42.08			
		Material cost for	30	m.			42.08			
		Material cost for	1	m.			1.40	1.40		1.40
II		Labour:								
(i)		Applying two coat of Aluminium Paint paint (Rate as per CSR 16.19 ISI marked paint)			Sqm.	4.80	9.06	43.49		
		Add 5% for slow progress in small job connected with pipe work								
							2.17			
		Total - II					45.66			
		Labour for	30	m.			45.66			
		Labour for	1	m.			1.52	1.52		1.52
		Cost for	1	m.				2.92		
		Add 10% for sub mountainous region								0.15
		Labour for	1	m.						1.67
		Cost for	1	m.						3.07

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.62		Cutting holes upto 23cm square thorough B.B. in mud walls for pipes, and making goo/d including repointing, replastering and finishing according to existing finish where required.								
a		Through wall 11.43 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 11.43 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.25	223.36	55.84				
(ii)		Mazdoor (Skilled - Upper)	Each	0.50	164.69	82.35				
		Total				138.19				
		Sundries @ 3% i.e. on Rs. 138.19				4.15				
		Add contractor's profit @ 21.50% i.e. on Rs. 142.34				30.60				
		Add Labour cess @ 1% i.e. on Rs. 172.94				1.73				
iii		Masonry work in mud (Rate as per CSR item 11.24)	Cum	0.06	320.82	19.25				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 65.14				16.29				
		Labour for	8	Nos.		256.10				
		Labour for	1	Nos.		32.01	32.01			32.01
		Cost for	1	Nos.			32.01			
		Add 10% for sub mountainous region								3.20
		Labour for	1	Nos.						35.21
		Cost for	1	Nos.						35.21

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		Through wall 22.86 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 22.86 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.50	223.36	111.68				
(ii)		Mazdoor (Skilled - Upper)	Each	0.75	164.69	123.52				
		Total				235.20				
		Sundries @ 3% i.e. on Rs. 235.2				7.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 242.26				52.09				
		Add Labour cess @ 1% i.e. on Rs. 294.35				2.94				
iii		Masonry work in mud (Rate as per CSR item 11.24)	Cum	0.11	320.82	35.29				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 81.18				20.30				
		Labour for	8	Nos.		398.77				
		Labour for	1	Nos.		49.85	49.85			49.85
		Cost for	1	Nos.			49.85			
		Add 10% for sub mountainous region								4.99
		Labour for	1	Nos.						54.84
		Cost for	1	Nos.						54.84

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		Through wall 34.29 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 34.29 Cm thick wall taking output	8	Nos.						
(l)		Labour								
(i)		Mason Class - I	Each	0.625	223.36	139.60				
(ii)		Mazdoor (Skilled - Upper)	Each	1.00	164.69	164.69				
		Total				304.29				
		Sundries @ 3% i.e. on Rs. 304.29				9.13				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.42				67.39				
		Add Labour cess @ 1% i.e. on Rs. 380.81				3.81				
iii		Masonry work in mud (Rate as per CSR item 11.24)	Cum	0.17	320.82	54.54				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 100.43				25.11				
		Labour for	8	Nos.		510.16				
		Labour for	1	Nos.		63.77	63.77			63.77
		Cost for	1	Nos.			63.77			
		Add 10% for sub mountainous region								6.38
		Labour for	1	Nos.						70.15
		Cost for	1	Nos.						70.15

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		Through wall 45.72 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 45.72 Cm thick wall taking output	8	Nos.						
(l)		Labour								
(i)		Mason Class - I	Each	0.875	223.36	195.44				
(ii)		Mazdoor (Skilled - Upper)	Each	1.375	164.69	226.45				
		Total				421.89				
		Sundries @ 3% i.e. on Rs. 421.89				12.66				
		Add contractor's profit @ 21.50% i.e. on Rs. 434.55				93.43				
		Add Labour cess @ 1% i.e. on Rs. 527.98				5.28				
iii		Masonry work in mud (Rate as per CSR item 11.24)	Cum	0.20	320.82	64.16				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 110.05				27.51				
		Labour for	8	Nos.		670.82				
		Labour for	1	Nos.		83.85	83.85			83.85
		Cost for	1	Nos.			83.85			
		Add 10% for sub mountainous region								8.39
		Labour for	1	Nos.						92.24
		Cost for	1	Nos.						92.24

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		Through wall 57.15 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 57.15 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	1.250	223.36	279.20				
(ii)		Mazdoor (Skilled - Upper)	Each	1.500	164.69	247.04				
		Total				526.24				
		Sundries @ 3% i.e. on Rs. 526.24				15.79				
		Add contractor's profit @ 21.50% i.e. on Rs. 542.03				116.54				
		Add Labour cess @ 1% i.e. on Rs. 658.57				6.59				
iii		Masonry work in mud (Rate as per CSR item 11.24)	Cum	0.25	320.82	80.21				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 126.1				31.53				
		Labour for	8	Nos.		822.79				
		Labour for	1	Nos.		102.85	102.85			102.85
		Cost for	1	Nos.			102.85			
		Add 10% for sub mountainous region								10.29
		Labour for	1	Nos.						113.14
		Cost for	1	Nos.						113.14

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		Through wall 68.58 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 68.58 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	1.250	223.36	279.20				
(ii)		Mazdoor (Skilled - Upper)	Each	2.125	164.69	349.97				
		Total				629.17				
		Sundries @ 3% i.e. on Rs. 629.17				18.88				
		Add contractor's profit @ 21.50% i.e. on Rs. 648.05				139.33				
		Add Labour cess @ 1% i.e. on Rs. 787.38				7.87				
iii		Masonry work in mud (Rate as per CSR item 11.24)	Cum	0.31	320.82	99.45				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 145.34				36.34				
		Labour for	8	Nos.		976.93				
		Labour for	1	Nos.		122.12	122.12			122.12
		Cost for	1	Nos.			122.12			
		Add 10% for sub mountainous region								12.21
		Labour for	1	Nos.						134.33
		Cost for	1	Nos.						134.33

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.63		Cutting holes upto 23cm square thorough B.B. in cement walls or stone masonry wall in cement for pipes, and making goo/d including repointing, replastering and finishing according to existina finish where required.								
a		Through wall 11.43 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 11.43 Cm thick wall taking output	8	Nos.						
(l)		Labour								
(i)		Mason Class - I	Each	0.875	223.36	195.44				
(ii)		Mazdoor (Skilled - Upper)	Each	1.00	164.69	164.69				
		Total				360.13				
		Sundries @ 3% i.e. on Rs. 360.13				10.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 370.93				79.75				
		Add Labour cess @ 1% i.e. on Rs. 450.68				4.51				
iii		Masonry work in cement (Rate as per CSR item 11.6)	Cum	0.06	425.47	25.53				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 71.42				17.86				
		Labour for	8	Nos.		544.47				
		Labour for	1	Nos.		68.06	68.06			68.06
		Cost for	1	Nos.			68.06			
		Add 10% for sub mountainous region								6.81
		Labour for	1	Nos.						74.87
		Cost for	1	Nos.						74.87

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		Through wall 22.86 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 22.86 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	1.00	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	1.75	164.69	288.21				
		Total				511.57				
		Sundries @ 3% i.e. on Rs. 511.57				15.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 526.92				113.29				
		Add Labour cess @ 1% i.e. on Rs. 640.21				6.40				
iii		Masonry work in cement (Rate as per CSR item 11.6)	Cum	0.11	425.47	46.80				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 92.69				23.17				
		Labour for	8	Nos.		762.47				
		Labour for	1	Nos.		95.31	95.31			95.31
		Cost for	1	Nos.			95.31			
		Add 10% for sub mountainous region								9.53
		Labour for	1	Nos.						104.84
		Cost for	1	Nos.						104.84

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		Through wall 34.29 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 34.29 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	1.500	223.36	335.04				
(ii)		Mazdoor (Skilled - Upper)	Each	2.00	164.69	329.38				
		Total				664.42				
		Sundries @ 3% i.e. on Rs. 664.42				19.93				
		Add contractor's profit @ 21.50% i.e. on Rs. 684.35				147.14				
		Add Labour cess @ 1% i.e. on Rs. 831.49				8.31				
iii		Masonry work in cement (Rate as per CSR item 11.6)	Cum	0.17	425.47	72.33				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 118.22				29.56				
		Labour for	8	Nos.		987.58				
		Labour for	1	Nos.		123.45	123.45			123.45
		Cost for	1	Nos.			123.45			
		Add 10% for sub mountainous region								12.35
		Labour for	1	Nos.						135.80
		Cost for	1	Nos.						135.80

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		Through wall 45.72 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 45.72 Cm thick wall taking output	8	Nos.						
(l)		Labour								
(i)		Mason Class - I	Each	1.625	223.36	362.96				
(ii)		Mazdoor (Skilled - Upper)	Each	3.000	164.69	494.07				
		Total				857.03				
		Sundries @ 3% i.e. on Rs. 857.03				25.71				
		Add contractor's profit @ 21.50% i.e. on Rs. 882.74				189.79				
		Add Labour cess @ 1% i.e. on Rs. 1072.53				10.73				
iii		Masonry work in cement (Rate as per CSR item 11.6)	Cum	0.20	425.47	85.09				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 130.98				32.75				
		Labour for	8	Nos.		1246.99				
		Labour for	1	Nos.		155.87	155.87			155.87
		Cost for	1	Nos.			155.87			
		Add 10% for sub mountainous region								15.59
		Labour for	1	Nos.						171.46
		Cost for	1	Nos.						171.46

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		Through wall 57.15 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 57.15 Cm thick wall taking output	8	Nos.						
(l)		Labour								
(i)		Mason Class - I	Each	1.875	223.36	418.80				
(ii)		Mazdoor (Skilled - Upper)	Each	3.000	164.69	494.07				
		Total				912.87				
		Sundries @ 3% i.e. on Rs. 912.87				27.39				
		Add contractor's profit @ 21.50% i.e. on Rs. 940.26				202.16				
		Add Labour cess @ 1% i.e. on Rs. 1142.42				11.42				
iii		Masonry work in cement (Rate as per CSR item 11.6)	Cum	0.25	425.47	106.37				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 152.26				38.07				
		Labour for	8	Nos.		1344.17				
		Labour for	1	Nos.		168.02	168.02			168.02
		Cost for	1	Nos.			168.02			
		Add 10% for sub mountainous region								16.80
		Labour for	1	Nos.						184.82
		Cost for	1	Nos.						184.82

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		Through wall 68.58 cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 68.58 Cm thick wall taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	2.000	223.36	446.72				
(ii)		Mazdoor (Skilled - Upper)	Each	3.750	164.69	617.59				
		Total				1064.31				
		Sundries @ 3% i.e. on Rs. 1064.31				31.93				
		Add contractor's profit @ 21.50% i.e. on Rs. 1096.24				235.69				
		Add Labour cess @ 1% i.e. on Rs. 1331.93				13.32				
iii		Masonry work in cement (Rate as per CSR item 11.6)	Cum	0.31	425.47	131.90				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 177.79				44.45				
		Labour for	8	Nos.		1567.49				
		Labour for	1	Nos.		195.94	195.94			195.94
		Cost for	1	Nos.			195.94			
		Add 10% for sub mountainous region								19.59
		Labour for	1	Nos.						215.53
		Cost for	1	Nos.						215.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.64		Cutting holes upto 23cm square for pipes in flooring and roofs of bricks, tiles with lime concrete or cement concrete and making goo/d including repointing, replastering and colour or white washing where required.								
a		Through floor or roof 7.5cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 7.5 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I		Each	0.375	223.36	83.76			
(ii)		Mazdoor (Skilled - Upper)		Each	0.500	164.69	82.35			
		Total					166.11			
		Sundries @ 3% i.e. on Rs. 166.11					4.98			
		Add contractor's profit @ 21.50% i.e. on Rs. 171.09					36.78			
		Add Labour cess @ 1% i.e. on Rs. 207.87					2.08			
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)		Cum	0.04	261.25	10.45			
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)		Sqm.	1.11	35.74	39.67			
v		White wash three coat (Rate as per CSR item 15.63)		Sqm.	1.11	5.60	6.22			
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 56.34					14.09			
		Labour for	8	Nos.			280.38			
		Labour for	1	Nos.			35.05	35.05		35.05
		Cost for	1	Nos.			35.05	35.05		
		Add 10% for sub mountainous region								3.51
		Labour for	1	Nos.						38.56
		Cost for	1	Nos.						38.56

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		Through floor or roof 11.5cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 11.5 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.625	223.36	139.60				
(ii)		Mazdoor (Skilled - Upper)	Each	1.000	164.69	164.69				
		Total				304.29				
		Sundries @ 3% i.e. on Rs. 304.29				9.13				
		Add contractor's profit @ 21.50% i.e. on Rs. 313.42				67.39				
		Add Labour cess @ 1% i.e. on Rs. 380.81				3.81				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.05	261.25	13.06				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 58.95				14.74				
		Labour for	8	Nos.		458.31				
		Labour for	1	Nos.		57.29	57.29			57.29
		Cost for	1	Nos.			57.29			
		Add 10% for sub mountainous region								5.73
		Labour for	1	Nos.						63.02
		Cost for	1	Nos.						63.02

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		Through floor or roof 15.00cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 15.00 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.750	223.36	167.52				
(ii)		Mazdoor (Skilled - Upper)	Each	1.250	164.69	205.86				
		Total				373.38				
		Sundries @ 3% i.e. on Rs. 373.38				11.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 384.58				82.68				
		Add Labour cess @ 1% i.e. on Rs. 467.26				4.67				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.07	261.25	18.29				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 64.18				16.05				
		Labour for	8	Nos.		552.16				
		Labour for	1	Nos.		69.02	69.02			69.02
		Cost for	1	Nos.			69.02			
		Add 10% for sub mountainous region								6.90
		Labour for	1	Nos.						75.92
		Cost for	1	Nos.						75.92

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		Through floor or roof 19.00cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 19.00 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.750	223.36	167.52				
(ii)		Mazdoor (Skilled - Upper)	Each	1.500	164.69	247.04				
		Total				414.56				
		Sundries @ 3% i.e. on Rs. 414.56				12.44				
		Add contractor's profit @ 21.50% i.e. on Rs. 427				91.81				
		Add Labour cess @ 1% i.e. on Rs. 518.81				5.19				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.08	261.25	20.90				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 66.79				16.70				
		Labour for	8	Nos.		607.49				
		Labour for	1	Nos.		75.94	75.94			75.94
		Cost for	1	Nos.			75.94			
		Add 10% for sub mountainous region								7.59
		Labour for	1	Nos.						83.53
		Cost for	1	Nos.						83.53

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		Through floor or roof 22.50cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 22.50 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.750	223.36	167.52				
(ii)		Mazdoor (Skilled - Upper)	Each	1.500	164.69	247.04				
		Total				414.56				
		Sundries @ 3% i.e. on Rs. 414.56				12.44				
		Add contractor's profit @ 21.50% i.e. on Rs. 427				91.81				
		Add Labour cess @ 1% i.e. on Rs. 518.81				5.19				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.11	261.25	28.74				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 74.63				18.66				
		Labour for	8	Nos.		617.29				
		Labour for	1	Nos.		77.16	77.16			77.16
		Cost for	1	Nos.			77.16			
		Add 10% for sub mountainous region								7.72
		Labour for	1	Nos.						84.88
		Cost for	1	Nos.						84.88

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.65		Cutting holes upto 23cm square for pipes in floor and roofs of cement concrete, reinforced concrete or reinforced brick work and making goo/d including repointing, replastering, replacing bitumen and colour or white washing where required.								
a		Through floor or roof 7.5cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 7.5 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I		Each	0.500	223.36	111.68			
(ii)		Mazdoor (Skilled - Upper)		Each	0.250	164.69	41.17			
		Total					152.85			
		Sundries @ 3% i.e. on Rs. 152.85					4.59			
		Add contractor's profit @ 21.50% i.e. on Rs. 157.44					33.85			
		Add Labour cess @ 1% i.e. on Rs. 191.29					1.91			
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)		Cum	0.04	261.25	10.45			
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)		Sqm.	1.11	35.74	39.67			
v		White wash three coat (Rate as per CSR item 15.63)		Sqm.	1.11	5.60	6.22			
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 56.34					14.09			
		Labour for	8	Nos.			263.63			
		Labour for	1	Nos.			32.95	32.95		32.95
		Cost for	1	Nos.				32.95		
		Add 10% for sub mountainous region								3.30
		Labour for	1	Nos.						36.25
		Cost for	1	Nos.						36.25

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		Through floor or roof 11.5cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 11.5 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.625	223.36	139.60				
(ii)		Mazdoor (Skilled - Upper)	Each	0.375	164.69	61.76				
		Total				201.36				
		Sundries @ 3% i.e. on Rs. 201.36				6.04				
		Add contractor's profit @ 21.50% i.e. on Rs. 207.4				44.59				
		Add Labour cess @ 1% i.e. on Rs. 251.99				2.52				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.05	261.25	13.06				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 58.95				14.74				
		Labour for	8	Nos.		328.20				
		Labour for	1	Nos.		41.03	41.03			41.03
		Cost for	1	Nos.			41.03			
		Add 10% for sub mountainous region								4.10
		Labour for	1	Nos.						45.13
		Cost for	1	Nos.						45.13

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		Through floor or roof 15.00cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 15.00 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.750	223.36	167.52				
(ii)		Mazdoor (Skilled - Upper)	Each	1.00	164.69	164.69				
		Total				332.21				
		Sundries @ 3% i.e. on Rs. 332.21				9.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 342.18				73.57				
		Add Labour cess @ 1% i.e. on Rs. 415.75				4.16				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.07	261.25	18.29				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 64.18				16.05				
		Labour for	8	Nos.		500.14				
		Labour for	1	Nos.		62.52	62.52			62.52
		Cost for	1	Nos.			62.52			
		Add 10% for sub mountainous region								6.25
		Labour for	1	Nos.						68.77
		Cost for	1	Nos.						68.77

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		Through floor or roof 19.00cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 19.00 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.750	223.36	167.52				
(ii)		Mazdoor (Skilled - Upper)	Each	1.00	164.69	164.69				
		Total				332.21				
		Sundries @ 3% i.e. on Rs. 332.21				9.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 342.18				73.57				
		Add Labour cess @ 1% i.e. on Rs. 415.75				4.16				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.08	261.25	20.90				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 66.79				16.70				
		Labour for	8	Nos.		503.40				
		Labour for	1	Nos.		62.93	62.93			62.93
		Cost for	1	Nos.			62.93			
		Add 10% for sub mountainous region								6.29
		Labour for	1	Nos.						69.22
		Cost for	1	Nos.						69.22

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		Through floor or roof 22.50cm thick								
		Unit: -	1	Nos.						
		Detail of cost for 22.50 Cm thick floor or roof taking output	8	Nos.						
(I)		Labour								
(i)		Mason Class - I	Each	0.750	223.36	167.52				
(ii)		Mazdoor (Skilled - Upper)	Each	1.00	164.69	164.69				
		Total				332.21				
		Sundries @ 3% i.e. on Rs. 332.21				9.97				
		Add contractor's profit @ 21.50% i.e. on Rs. 342.18				73.57				
		Add Labour cess @ 1% i.e. on Rs. 415.75				4.16				
iii		Masonry work in cement concrete with 1:2:4 (Rate as per CSR item 10.11)	Cum	0.11	261.25	28.74				
iv		12.5 mm thick cement plaster 1:4 (Rate as per CSR item 15.9)	Sqm.	1.11	35.74	39.67				
v		White wash three coat (Rate as per CSR item 15.63)	Sqm.	1.11	5.60	6.22				
		Extra provision for smallness of work and extra labour involved @ 25% on item no. iii, iv, v i.e. on Rs. 74.63				18.66				
		Labour for	8	Nos.		513.20				
		Labour for	1	Nos.		64.15	64.15			64.15
		Cost for	1	Nos.			64.15			
		Add 10% for sub mountainous region								6.42
		Labour for	1	Nos.						70.57
		Cost for	1	Nos.						70.57

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.66		Dismantling lead Caulked Joints of cast iron Socketted Pipes, Valves and Specials by heating the Joints including the cast of Labour, Fuel and tools, etc., collecting the lead taken out from the joints and ride back the same to the Engineer-in-charge.										
a		50mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.09	650.00	58.50				
ii		Kerosene oil			Litre	0.28	30.00	8.40				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	0.375	223.36	83.76				
iv		Helper (Skilled worker - Upper)			Each	0.125	181.86	22.73				
		Total - I						173.39				
		Sundries @ 3% i.e. on Rs. 173.39						5.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 178.59						38.40				
		Add Labour cess @ 1% i.e. on Rs. 216.99						2.17				
		Labour for	10	Nos.				219.16				
		Labour for	1	Each				21.92	21.92			21.92
		Cost for	1	Each					21.92			
		Add 10% for sub mountainous region										2.19
		Labour for	1	Each								24.11
		Cost for	1	Each								24.11

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		65mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.09	650.00	58.50				
ii		Kerosene oil			Litre	0.28	30.00	8.40				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	0.375	223.36	83.76				
iv		Helper (Skilled worker - Upper)			Each	0.125	181.86	22.73				
		Total - I						173.39				
		Sundries @ 3% i.e. on Rs. 173.39						5.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 178.59						38.40				
		Add Labour cess @ 1% i.e. on Rs. 216.99						2.17				
		Labour for	10	Nos.				219.16				
		Labour for	1	Each				21.92	21.92			21.92
		Cost for	1	Each					21.92			
		Add 10% for sub mountainous region										2.19
		Labour for	1	Each								24.11
		Cost for	1	Each								24.11

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
c		80mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.09	650.00	58.50				
ii		Kerosene oil			Litre	0.30	30.00	9.00				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	0.625	223.36	139.60				
iv		Helper (Skilled worker - Upper)			Each	0.375	181.86	68.20				
		Total - I						275.30				
		Sundries @ 3% i.e. on Rs. 275.3						8.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 283.56						60.97				
		Add Labour cess @ 1% i.e. on Rs. 344.53						3.45				
		Labour for	10	Nos.				347.98				
		Labour for	1	Each				34.80	34.80			34.80
		Cost for	1	Each					34.80			
		Add 10% for sub mountainous region										3.48
		Labour for	1	Each								38.28
		Cost for	1	Each								38.28

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		100mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.09	650.00	58.50				
ii		Kerosene oil			Litre	0.30	30.00	9.00				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	0.625	223.36	139.60				
iv		Helper (Skilled worker - Upper)			Each	0.375	181.86	68.20				
		Total - I						275.30				
		Sundries @ 3% i.e. on Rs. 275.3						8.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 283.56						60.97				
		Add Labour cess @ 1% i.e. on Rs. 344.53						3.45				
		Labour for	10	Nos.				347.98				
		Labour for	1	Each				34.80	34.80			34.80
		Cost for	1	Each					34.80			
		Add 10% for sub mountainous region										3.48
		Labour for	1	Each								38.28
		Cost for	1	Each								38.28

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		125mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.23	650.00	149.50				
ii		Kerosene oil			Litre	0.32	30.00	9.60				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	0.666	223.36	148.76				
iv		Helper (Skilled worker - Upper)			Each	0.375	181.86	68.20				
		Total - I						376.06				
		Sundries @ 3% i.e. on Rs. 376.06						11.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 387.34						83.28				
		Add Labour cess @ 1% i.e. on Rs. 470.62						4.71				
		Labour for	10	Nos.				475.33				
		Labour for	1	Each				47.53	47.53			47.53
		Cost for	1	Each					47.53			
		Add 10% for sub mountainous region										4.75
		Labour for	1	Each								52.28
		Cost for	1	Each								52.28

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		150mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.23	650.00	149.50				
ii		Kerosene oil			Litre	0.32	30.00	9.60				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	1.000	223.36	223.36				
iv		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total - I						473.39				
		Sundries @ 3% i.e. on Rs. 473.39						14.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 487.59						104.83				
		Add Labour cess @ 1% i.e. on Rs. 592.42						5.92				
		Labour for	10	Nos.				598.34				
		Labour for	1	Each				59.83	59.83			59.83
		Cost for	1	Each					59.83			
		Add 10% for sub mountainous region										5.98
		Labour for	1	Each								65.81
		Cost for	1	Each								65.81

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
g		175mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.23	650.00	149.50				
ii		Kerosene oil			Litre	0.32	30.00	9.60				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	1.375	223.36	307.12				
iv		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total - I						557.15				
		Sundries @ 3% i.e. on Rs. 557.15						16.71				
		Add contractor's profit @ 21.50% i.e. on Rs. 573.86						123.38				
		Add Labour cess @ 1% i.e. on Rs. 697.24						6.97				
		Labour for	10	Nos.				704.21				
		Labour for	1	Each				70.42	70.42			70.42
		Cost for	1	Each					70.42			
		Add 10% for sub mountainous region										7.04
		Labour for	1	Each								77.46
		Cost for	1	Each								77.46

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		200mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.28	650.00	182.00				
ii		Kerosene oil			Litre	0.32	30.00	9.60				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	1.750	223.36	390.88				
iv		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total - I						673.41				
		Sundries @ 3% i.e. on Rs. 673.41						20.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 693.61						149.13				
		Add Labour cess @ 1% i.e. on Rs. 842.74						8.43				
		Labour for	10	Nos.				851.17				
		Labour for	1	Each				85.12	85.12			85.12
		Cost for	1	Each					85.12			
		Add 10% for sub mountainous region										8.51
		Labour for	1	Each								93.63
		Cost for	1	Each								93.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		225mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.28	650.00	182.00				
ii		Kerosene oil			Litre	0.38	30.00	11.40				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	2.000	223.36	446.72				
iv		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total - I						731.05				
		Sundries @ 3% i.e. on Rs. 731.05						21.93				
		Add contractor's profit @ 21.50% i.e. on Rs. 752.98						161.89				
		Add Labour cess @ 1% i.e. on Rs. 914.87						9.15				
		Labour for	10	Nos.				924.02				
		Labour for	1	Each				92.40	92.40			92.40
		Cost for	1	Each					92.40			
		Add 10% for sub mountainous region										9.24
		Labour for	1	Each								101.64
		Cost for	1	Each								101.64

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
j		250mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.37	650.00	240.50				
ii		Kerosene oil			Litre	0.45	30.00	13.50				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	2.375	223.36	530.48				
iv		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total - I						875.41				
		Sundries @ 3% i.e. on Rs. 875.41						26.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 901.67						193.86				
		Add Labour cess @ 1% i.e. on Rs. 1095.53						10.96				
		Labour for	10	Nos.				1106.49				
		Labour for	1	Each				110.65	110.65			110.65
		Cost for	1	Each					110.65			
		Add 10% for sub mountainous region										11.07
		Labour for	1	Each								121.72
		Cost for	1	Each								121.72

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
k		300mm i/d of pipe, valve or special										
		Unit :-	1	Each								
l		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.56	650.00	364.00				
ii		Kerosene oil			Litre	0.57	30.00	17.10				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	2.750	223.36	614.24				
iv		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total - I						1131.74				
		Sundries @ 3% i.e. on Rs. 1131.74						33.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 1165.69						250.62				
		Add Labour cess @ 1% i.e. on Rs. 1416.31						14.16				
		Labour for	10	Nos.				1430.47				
		Labour for	1	Each				143.05	143.05			143.05
		Cost for	1	Each					143.05			
		Add 10% for sub mountainous region										14.31
		Labour for	1	Each								157.36
		Cost for	1	Each								157.36

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
I		350mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.65	650.00	422.50				
ii		Kerosene oil			Litre	0.77	30.00	23.10				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	3.000	223.36	670.08				
iv		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - I						1343.01				
		Sundries @ 3% i.e. on Rs. 1343.01						40.29				
		Add contractor's profit @ 21.50% i.e. on Rs. 1383.3						297.41				
		Add Labour cess @ 1% i.e. on Rs. 1680.71						16.81				
		Labour for	10	Nos.				1697.52				
		Labour for	1	Each				169.75	169.75			169.75
		Cost for	1	Each					169.75			
		Add 10% for sub mountainous region										16.98
		Labour for	1	Each								186.73
		Cost for	1	Each								186.73

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
m		375mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.75	650.00	487.50				
ii		Kerosene oil			Litre	0.91	30.00	27.30				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	3.125	223.36	698.00				
iv		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - I						1440.13				
		Sundries @ 3% i.e. on Rs. 1440.13						43.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 1483.33						318.92				
		Add Labour cess @ 1% i.e. on Rs. 1802.25						18.02				
		Labour for	10	Nos.				1820.27				
		Labour for	1	Each				182.03	182.03			182.03
		Cost for	1	Each					182.03			
		Add 10% for sub mountainous region										18.20
		Labour for	1	Each								200.23
		Cost for	1	Each								200.23

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
n		400mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	0.75	650.00	487.50				
ii		Kerosene oil			Litre	0.91	30.00	27.30				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	3.125	223.36	698.00				
iv		Helper (Skilled worker - Upper)			Each	1.500	181.86	272.79				
		Total - I						1485.59				
		Sundries @ 3% i.e. on Rs. 1485.59						44.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 1530.16						328.98				
		Add Labour cess @ 1% i.e. on Rs. 1859.14						18.59				
		Labour for	10	Nos.				1877.73				
		Labour for	1	Each				187.77	187.77			187.77
		Cost for	1	Each					187.77			
		Add 10% for sub mountainous region										18.78
		Labour for	1	Each								206.55
		Cost for	1	Each								206.55

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
o		450mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	1.31	650.00	851.50				
ii		Kerosene oil			Litre	1.14	30.00	34.20				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	4.000	223.36	893.44				
iv		Helper (Skilled worker - Upper)			Each	2.000	181.86	363.72				
		Total - I						2142.86				
		Sundries @ 3% i.e. on Rs. 2142.86						64.29				
		Add contractor's profit @ 21.50% i.e. on Rs. 2207.15						474.54				
		Add Labour cess @ 1% i.e. on Rs. 2681.69						26.82				
		Labour for	10	Nos.				2708.51				
		Labour for	1	Each				270.85	270.85			270.85
		Cost for	1	Each					270.85			
		Add 10% for sub mountainous region										27.09
		Labour for	1	Each								297.94
		Cost for	1	Each								297.94

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
p		500mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	1.40	650.00	910.00				
ii		Kerosene oil			Litre	1.25	30.00	37.50				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	4.625	223.36	1033.04				
iv		Helper (Skilled worker - Upper)			Each	2.375	181.86	431.92				
		Total - I						2412.46				
		Sundries @ 3% i.e. on Rs. 2412.46						72.37				
		Add contractor's profit @ 21.50% i.e. on Rs. 2484.83						534.24				
		Add Labour cess @ 1% i.e. on Rs. 3019.07						30.19				
		Labour for	10	Nos.				3049.26				
		Labour for	1	Each				304.93	304.93			304.93
		Cost for	1	Each					304.93			
		Add 10% for sub mountainous region										30.49
		Labour for	1	Each								335.42
		Cost for	1	Each								335.42

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
q		525mm i/d of pipe, valve or special										
		Unit :-	1	Each								
l		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	1.50	650.00	975.00				
ii		Kerosene oil			Litre	1.25	30.00	37.50				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	5.000	223.36	1116.80				
iv		Helper (Skilled worker - Upper)			Each	2.500	181.86	454.65				
		Total - I						2583.95				
		Sundries @ 3% i.e. on Rs. 2583.95						77.52				
		Add contractor's profit @ 21.50% i.e. on Rs. 2661.47						572.22				
		Add Labour cess @ 1% i.e. on Rs. 3233.69						32.34				
		Labour for	10	Nos.				3266.03				
		Labour for	1	Each				326.60	326.60			326.60
		Cost for	1	Each					326.60			
		Add 10% for sub mountainous region										32.66
		Labour for	1	Each								359.26
		Cost for	1	Each								359.26

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
r		550mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	1.60	650.00	1040.00				
ii		Kerosene oil			Litre	1.50	30.00	45.00				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	5.500	223.36	1228.48				
iv		Helper (Skilled worker - Upper)			Each	2.750	181.86	500.12				
		Total - I						2813.60				
		Sundries @ 3% i.e. on Rs. 2813.6						84.41				
		Add contractor's profit @ 21.50% i.e. on Rs. 2898.01						623.07				
		Add Labour cess @ 1% i.e. on Rs. 3521.08						35.21				
		Labour for	10	Nos.				3556.29				
		Labour for	1	Each				355.63	355.63			355.63
		Cost for	1	Each					355.63			
		Add 10% for sub mountainous region										35.56
		Labour for	1	Each								391.19
		Cost for	1	Each								391.19

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
s		600mm i/d of pipe, valve or special										
		Unit :-	1	Each								
I		Labour										
		Taking output	10	Nos.								
i		Fuel woo/d			Qtl.	1.80	650.00	1170.00				
ii		Kerosene oil			Litre	1.50	30.00	45.00				
		Labour for dismentling										
iii		Fitter Pipe (Ist Class)			Each	6.000	223.36	1340.16				
iv		Helper (Skilled worker - Upper)			Each	3.000	181.86	545.58				
		Total - I						3100.74				
		Sundries @ 3% i.e. on Rs. 3100.74						93.02				
		Add contractor's profit @ 21.50% i.e. on Rs. 3193.76						686.66				
		Add Labour cess @ 1% i.e. on Rs. 3880.42						38.80				
		Labour for	10	Nos.				3919.22				
		Labour for	1	Each				391.92	391.92			391.92
		Cost for	1	Each					391.92			
		Add 10% for sub mountainous region										39.19
		Labour for	1	Each								431.11
		Cost for	1	Each								431.11

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.67		Dismantling flanged Joints for Cast iron Pipes, Valves and specials including ride back of bolts, Nuts and washers to the Engineer-in-charge.										
a		50mm, 65mm, 80mm, 100mm internal diameter of pipe, valves or special.										
		Unit :-	1	Each								
		Taking output for (50mm, 65mm, 80mm and 100mm i/d)	1	Nos.								
(I)		Labour										
(i)		Fitter Pipe (Ist Class)			Each	0.016	223.36	3.57				
(ii)		Mazdoor (Skilled - Upper)			Each	0.016	164.69	2.64				
		Total - II						6.21				
		Sundries @ 3% i.e. on Rs. 6.21						0.19				
		Add contractor's profit @ 21.50% i.e. on Rs. 6.4						1.38				
		Add Labour cess @ 1% i.e. on Rs. 7.78						0.08				
		Labour for	1	Nos.				7.86	7.86			7.86
		Cost for	1	Nos.					7.86			
		Add 10% for sub mountainous region										0.79
		Labour for	1	Nos.								8.65
		Cost for	1	Nos.								8.65

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		125mm, 150mm, 175mm, 200mm, 225mm and 250mm internal diameter of pipe, valves or special.								
		Unit :-	1	Each						
		Taking output for (125mm,150mm, 175mm, 200mm, 225mm and 250mm i/d)	1	Nos.						
(I)		Labour								
(i)		Fitter Pipe (Ist Class)		Each	0.033	223.36	7.37			
(ii)		Mazdoor (Skilled - Upper)		Each	0.033	164.69	5.43			
		Total - II					12.80			
		Sundries @ 3% i.e. on Rs. 12.8					0.38			
		Add contractor's profit @ 21.50% i.e. on Rs. 13.18					2.83			
		Add Labour cess @ 1% i.e. on Rs. 16.01					0.16			
		Labour for	1	Nos.			16.17			16.17
		Cost for	1	Nos.			16.17			
		Add 10% for sub mountainous region								1.62
		Labour for	1	Nos.						17.79
		Cost for	1	Nos.						17.79

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		300mm, 350mm and 375mm internal diameter of pipe, valves or special.								
		Unit :-	1	Each						
		Taking output for (300mm, 350mm, 375mm i/d)	1	Nos.						
(I)		Labour								
(i)		Fitter Pipe (Ist Class)		Each	0.100	223.36	22.34			
(ii)		Mazdoor (Skilled - Upper)		Each	0.100	164.69	16.47			
		Total - II					38.81			
		Sundries @ 3% i.e. on Rs. 38.81					1.16			
		Add contractor's profit @ 21.50% i.e. on Rs. 39.97					8.59			
		Add Labour cess @ 1% i.e. on Rs. 48.56					0.49			
		Labour for	1	Nos.			49.05	49.05		49.05
		Cost for	1	Nos.			49.05			
		Add 10% for sub mountainous region								4.91
		Labour for	1	Nos.						53.96
		Cost for	1	Nos.						53.96

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		400mm and 450mm internal diameter of pipe, valves or special.								
		Unit :-	1	Each						
		Taking output for (400mm, 450mm i/d)	1	Nos.						
(I)		Labour								
(i)		Fitter Pipe (Ist Class)		Each	0.111	223.36	24.79			
(ii)		Mazdoor (Skilled - Upper)		Each	0.111	164.69	18.28			
		Total - II					43.07			
		Sundries @ 3% i.e. on Rs. 43.07					1.29			
		Add contractor's profit @ 21.50% i.e. on Rs. 44.36					9.54			
		Add Labour cess @ 1% i.e. on Rs. 53.9					0.54			
		Labour for	1	Nos.			54.44			54.44
		Cost for	1	Nos.			54.44			
		Add 10% for sub mountainous region								5.44
		Labour for	1	Nos.						59.88
		Cost for	1	Nos.						59.88

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		500mm and 525mm internal diameter of pipe, valves or special.								
		Unit :-	1	Each						
		Taking output for (500mm, 525mm i/d)	1	Nos.						
(I)		Labour								
(i)		Fitter Pipe (Ist Class)		Each	0.125	223.36	27.92			
(ii)		Mazdoor (Skilled - Upper)		Each	0.125	164.69	20.59			
		Total - II					48.51			
		Sundries @ 3% i.e. on Rs. 48.51					1.46			
		Add contractor's profit @ 21.50% i.e. on Rs. 49.97					10.74			
		Add Labour cess @ 1% i.e. on Rs. 60.71					0.61			
		Labour for	1	Nos.			61.32	61.32		61.32
		Cost for	1	Nos.			61.32			
		Add 10% for sub mountainous region								6.13
		Labour for	1	Nos.						67.45
		Cost for	1	Nos.						67.45

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		550mm and 600mm internal diameter of pipe, valves or special.								
		Unit :-	1	Each						
		Taking output for (550mm, 600mm i/d)	1	Nos.						
(I)		Labour								
(i)		Fitter Pipe (Ist Class)		Each	0.143	223.36	31.94			
(ii)		Mazdoor (Skilled - Upper)		Each	0.167	164.69	27.50			
		Total - II					59.44			
		Sundries @ 3% i.e. on Rs. 59.44					1.78			
		Add contractor's profit @ 21.50% i.e. on Rs. 61.22					13.16			
		Add Labour cess @ 1% i.e. on Rs. 74.38					0.74			
		Labour for	1	Nos.			75.12			75.12
		Cost for	1	Nos.			75.12			
		Add 10% for sub mountainous region								7.51
		Labour for	1	Nos.						82.63
		Cost for	1	Nos.						82.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.68		Taking out dismantled Cast Iron Socketted or Flanged Pipes valves and, specials etc. out side from the trenches and Stacking and ride back as desired by the Engineeer-in-charge.										
a		50mm internal diametre of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.100	223.36	22.34				
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93				
		Total - I						113.27				
		Sundries @ 3% i.e. on Rs. 113.27						3.40				
		Add contractor's profit @ 21.50% i.e. on Rs. 116.67						25.08				
		Add Labour cess @ 1% i.e. on Rs. 141.75						1.42				
		Labour for	30	Meter				143.17				
		Labour for	1	Meter				4.77	4.77			4.77
		Cost for	1	Meter					4.77			
		Add 10% for sub mountainous region										0.48
		Labour for	1	Meter								5.25
		Cost for	1	Meter								5.25

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		65mm internal diametre of pipe.								
		Unit :-	1	Meter						
		Taking output for	30	Meter						
(I)		Labour								
(i)		Fitter Pipe (1st Class)			Each	0.125	223.36	27.92		
(ii)		Helper (Skilled worker - Upper)			Each	0.500	181.86	90.93		
		Total - I					118.85			
		Sundries @ 3% i.e. on Rs. 118.85					3.57			
		Add contractor's profit @ 21.50% i.e. on Rs. 122.42					26.32			
		Add Labour cess @ 1% i.e. on Rs. 148.74					1.49			
		Labour for	30	Meter			150.23			
		Labour for	1	Meter			5.01	5.01		5.01
		Cost for	1	Meter			5.01			
		Add 10% for sub mountainous region								0.50
		Labour for	1	Meter						5.51
		Cost for	1	Meter						5.51

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		80mm internal diametre of pipe.								
		Unit :-	1	Meter						
		Taking output for	30	Meter						
(I)		Labour								
(i)		Fitter Pipe (1st Class)		Each	0.125	223.36	27.92			
(ii)		Helper (Skilled worker - Upper)		Each	0.625	181.86	113.66			
		Total - I					141.58			
		Sundries @ 3% i.e. on Rs. 141.58					4.25			
		Add contractor's profit @ 21.50% i.e. on Rs. 145.83					31.35			
		Add Labour cess @ 1% i.e. on Rs. 177.18					1.77			
		Labour for	30	Meter			178.95			
		Labour for	1	Meter			5.97	5.97		5.97
		Cost for	1	Meter			5.97			
		Add 10% for sub mountainous region								0.60
		Labour for	1	Meter						6.57
		Cost for	1	Meter						6.57

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		100mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.166	223.36	37.08				
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total - I						173.48				
		Sundries @ 3% i.e. on Rs. 173.48						5.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 178.68						38.42				
		Add Labour cess @ 1% i.e. on Rs. 217.1						2.17				
		Labour for	30	Meter				219.27				
		Labour for	1	Meter				7.31	7.31			7.31
		Cost for	1	Meter					7.31			
		Add 10% for sub mountainous region										0.73
		Labour for	1	Meter								8.04
		Cost for	1	Meter								8.04

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		125mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.166	223.36	37.08				
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total - I						173.48				
		Sundries @ 3% i.e. on Rs. 173.48						5.20				
		Add contractor's profit @ 21.50% i.e. on Rs. 178.68						38.42				
		Add Labour cess @ 1% i.e. on Rs. 217.1						2.17				
		Labour for	30	Meter				219.27				
		Labour for	1	Meter				7.31	7.31			7.31
		Cost for	1	Meter					7.31			
		Add 10% for sub mountainous region										0.73
		Labour for	1	Meter								8.04
		Cost for	1	Meter								8.04

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		150mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.250	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)			Each	0.750	181.86	136.40				
		Total - I						192.24				
		Sundries @ 3% i.e. on Rs. 192.24						5.77				
		Add contractor's profit @ 21.50% i.e. on Rs. 198.01						42.57				
		Add Labour cess @ 1% i.e. on Rs. 240.58						2.41				
		Labour for	30	Meter				242.99				
		Labour for	1	Meter				8.10	8.10			8.10
		Cost for	1	Meter					8.10			
		Add 10% for sub mountainous region										0.81
		Labour for	1	Meter								8.91
		Cost for	1	Meter								8.91

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
9		175mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.250	223.36	55.84				
(ii)		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - I						237.70				
		Sundries @ 3% i.e. on Rs. 237.7						7.13				
		Add contractor's profit @ 21.50% i.e. on Rs. 244.83						52.64				
		Add Labour cess @ 1% i.e. on Rs. 297.47						2.97				
		Labour for	30	Meter				300.44				
		Labour for	1	Meter				10.01	10.01			10.01
		Cost for	1	Meter					10.01			
		Add 10% for sub mountainous region										1.00
		Labour for	1	Meter								11.01
		Cost for	1	Meter								11.01

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		200mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - I						256.24				
		Sundries @ 3% i.e. on Rs. 256.24						7.69				
		Add contractor's profit @ 21.50% i.e. on Rs. 263.93						56.74				
		Add Labour cess @ 1% i.e. on Rs. 320.67						3.21				
		Labour for	30	Meter				323.88				
		Labour for	1	Meter				10.80	10.80			10.80
		Cost for	1	Meter					10.80			
		Add 10% for sub mountainous region										1.08
		Labour for	1	Meter								11.88
		Cost for	1	Meter								11.88

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		225mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.333	223.36	74.38				
(ii)		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - I						301.71				
		Sundries @ 3% i.e. on Rs. 301.71						9.05				
		Add contractor's profit @ 21.50% i.e. on Rs. 310.76						66.81				
		Add Labour cess @ 1% i.e. on Rs. 377.57						3.78				
		Labour for	30	Meter				381.35				
		Labour for	1	Meter				12.71	12.71			12.71
		Cost for	1	Meter					12.71			
		Add 10% for sub mountainous region										1.27
		Labour for	1	Meter								13.98
		Cost for	1	Meter								13.98

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
j		250mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	1.375	181.86	250.06				
		Total - I						361.74				
		Sundries @ 3% i.e. on Rs. 361.74						10.85				
		Add contractor's profit @ 21.50% i.e. on Rs. 372.59						80.11				
		Add Labour cess @ 1% i.e. on Rs. 452.7						4.53				
		Labour for	30	Meter				457.23				
		Labour for	1	Meter				15.24	15.24			15.24
		Cost for	1	Meter					15.24			
		Add 10% for sub mountainous region										1.52
		Labour for	1	Meter								16.76
		Cost for	1	Meter								16.76

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
k		300mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.500	223.36	111.68				
(ii)		Helper (Skilled worker - Upper)			Each	1.750	181.86	318.26				
		Total - I						429.94				
		Sundries @ 3% i.e. on Rs. 429.94						12.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 442.84						95.21				
		Add Labour cess @ 1% i.e. on Rs. 538.05						5.38				
		Labour for	30	Meter				543.43				
		Labour for	1	Meter				18.11	18.11			18.11
		Cost for	1	Meter					18.11			
		Add 10% for sub mountainous region										1.81
		Labour for	1	Meter								19.92
		Cost for	1	Meter								19.92

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
I		350mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.750	223.36	167.52				
(ii)		Helper (Skilled worker - Upper)			Each	1.875	181.86	340.99				
		Total - I						508.51				
		Sundries @ 3% i.e. on Rs. 508.51						15.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 523.77						112.61				
		Add Labour cess @ 1% i.e. on Rs. 636.38						6.36				
		Labour for	30	Meter				642.74				
		Labour for	1	Meter				21.42	21.42			21.42
		Cost for	1	Meter					21.42			
		Add 10% for sub mountainous region										2.14
		Labour for	1	Meter								23.56
		Cost for	1	Meter								23.56

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
m		375mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	2.000	181.86	363.72				
		Total - I						587.08				
		Sundries @ 3% i.e. on Rs. 587.08						17.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 604.69						130.01				
		Add Labour cess @ 1% i.e. on Rs. 734.7						7.35				
		Labour for	30	Meter				742.05				
		Labour for	1	Meter				24.74	24.74			24.74
		Cost for	1	Meter					24.74			
		Add 10% for sub mountainous region										2.47
		Labour for	1	Meter								27.21
		Cost for	1	Meter								27.21

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
n		400mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)			Each	2.500	181.86	454.65				
		Total - I						678.01				
		Sundries @ 3% i.e. on Rs. 678.01						20.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 698.35						150.15				
		Add Labour cess @ 1% i.e. on Rs. 848.5						8.49				
		Labour for	30	Meter				856.99				
		Labour for	1	Meter				28.57	28.57			28.57
		Cost for	1	Meter					28.57			
		Add 10% for sub mountainous region										2.86
		Labour for	1	Meter								31.43
		Cost for	1	Meter								31.43

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
o		450mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.125	223.36	251.28				
(ii)		Helper (Skilled worker - Upper)			Each	2.500	181.86	454.65				
		Total - I						705.93				
		Sundries @ 3% i.e. on Rs. 705.93						21.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 727.11						156.33				
		Add Labour cess @ 1% i.e. on Rs. 883.44						8.83				
		Labour for	30	Meter				892.27				
		Labour for	1	Meter				29.74	29.74			29.74
		Cost for	1	Meter					29.74			
		Add 10% for sub mountainous region										2.97
		Labour for	1	Meter								32.71
		Cost for	1	Meter								32.71

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
p		500mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.375	223.36	307.12				
(ii)		Helper (Skilled worker - Upper)			Each	2.875	181.86	522.85				
		Total - I						829.97				
		Sundries @ 3% i.e. on Rs. 829.97						24.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 854.87						183.80				
		Add Labour cess @ 1% i.e. on Rs. 1038.67						10.39				
		Labour for	30	Meter				1049.06				
		Labour for	1	Meter				34.97	34.97			34.97
		Cost for	1	Meter					34.97			
		Add 10% for sub mountainous region										3.50
		Labour for	1	Meter								38.47
		Cost for	1	Meter								38.47

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
q		525mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.250	181.86	591.05				
		Total - I						926.09				
		Sundries @ 3% i.e. on Rs. 926.09						27.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 953.87						205.08				
		Add Labour cess @ 1% i.e. on Rs. 1158.95						11.59				
		Labour for	30	Meter				1170.54				
		Labour for	1	Meter				39.02	39.02			39.02
		Cost for	1	Meter					39.02			
		Add 10% for sub mountainous region										3.90
		Labour for	1	Meter								42.92
		Cost for	1	Meter								42.92

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
r		550mm internal diameter of pipe.										
		Unit :-	1	Meter								
		Taking output for	30	Meter								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	3.250	181.86	591.05				
		Total - I						926.09				
		Sundries @ 3% i.e. on Rs. 926.09						27.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 953.87						205.08				
		Add Labour cess @ 1% i.e. on Rs. 1158.95						11.59				
		Labour for	30	Meter				1170.54				
		Labour for	1	Meter				39.02	39.02			39.02
		Cost for	1	Meter					39.02			
		Add 10% for sub mountainous region										3.90
		Labour for	1	Meter								42.92
		Cost for	1	Meter								42.92

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
s		600mm internal diameter of pipe.								
		Unit :-	1	Meter						
		Taking output for	30	Meter						
(I)		Labour								
(i)		Fitter Pipe (1st Class)		Each	2.000	223.36	446.72			
(ii)		Helper (Skilled worker - Upper)		Each	4.500	181.86	818.37			
		Total - I					1265.09			
		Sundries @ 3% i.e. on Rs. 1265.09					37.95			
		Add contractor's profit @ 21.50% i.e. on Rs. 1303.04					280.15			
		Add Labour cess @ 1% i.e. on Rs. 1583.19					15.83			
		Labour for	30	Meter			1599.02			
		Labour for	1	Meter			53.30	53.30		53.30
		Cost for	1	Meter				53.30		
		Add 10% for sub mountainous region								5.33
		Labour for	1	Meter						58.63
		Cost for	1	Meter						58.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.69		Dismantling sluice valves socketted or flanged including ride back as desired by Engineer-in Charge.										
a		50mm internal diametre of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (Ist Class)			Each	0.750	223.36	167.52				
(ii)		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - I						394.85				
		Sundries @ 3% i.e. on Rs. 394.85						11.85				
		Add contractor's profit @ 21.50% i.e. on Rs. 406.7						87.44				
		Add Labour cess @ 1% i.e. on Rs. 494.14						4.94				
		Labour for	10	Nos.				499.08				
		Labour for	1	Each				49.91	49.91			49.91
		Cost for	1	Each					49.91			
		Add 10% for sub mountainous region										4.99
		Labour for	1	Each								54.90
		Cost for	1	Each								54.90

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
b		65mm internal diametre of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.875	223.36	195.44				
(ii)		Helper (Skilled worker - Upper)			Each	1.250	181.86	227.33				
		Total - I						422.77				
		Sundries @ 3% i.e. on Rs. 422.77						12.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 435.45						93.62				
		Add Labour cess @ 1% i.e. on Rs. 529.07						5.29				
		Labour for	10	Nos.				534.36				
		Labour for	1	Each				53.44	53.44			53.44
		Cost for	1	Each					53.44			
		Add 10% for sub mountainous region										5.34
		Labour for	1	Each								58.78
		Cost for	1	Each								58.78

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		80mm internal diametre of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.000	223.36	223.36				
(ii)		Helper (Skilled worker - Upper)	Each	1.250	181.86	227.33				
		Total - I				450.69				
		Sundries @ 3% i.e. on Rs. 450.69				13.52				
		Add contractor's profit @ 21.50% i.e. on Rs. 464.21				99.81				
		Add Labour cess @ 1% i.e. on Rs. 564.02				5.64				
		Labour for	10	Nos.		569.66				
		Labour for	1	Each		56.97	56.97			56.97
		Cost for	1	Each			56.97			
		Add 10% for sub mountainous region								5.70
		Labour for	1	Each						62.67
		Cost for	1	Each						62.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
d		100mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.125	223.36	251.28				
(ii)		Helper (Skilled worker - Upper)			Each	1.000	181.86	181.86				
		Total - I						433.14				
		Sundries @ 3% i.e. on Rs. 433.14						12.99				
		Add contractor's profit @ 21.50% i.e. on Rs. 446.13						95.92				
		Add Labour cess @ 1% i.e. on Rs. 542.05						5.42				
		Labour for	10	Nos.				547.47				
		Labour for	1	Each				54.75	54.75			54.75
		Cost for	1	Each					54.75			
		Add 10% for sub mountainous region										5.48
		Labour for	1	Each								60.23
		Cost for	1	Each								60.23

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
e		125mm internal diameter of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.375	223.36	307.12				
(ii)		Helper (Skilled worker - Upper)	Each	1.000	181.86	181.86				
		Total - I				488.98				
		Sundries @ 3% i.e. on Rs. 488.98				14.67				
		Add contractor's profit @ 21.50% i.e. on Rs. 503.65				108.28				
		Add Labour cess @ 1% i.e. on Rs. 611.93				6.12				
		Labour for	10	Nos.		618.05				
		Labour for	1	Each		61.81	61.81			61.81
		Cost for	1	Each			61.81			
		Add 10% for sub mountainous region								6.18
		Labour for	1	Each						67.99
		Cost for	1	Each						67.99

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
f		150mm internal diameter of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)		Each	1.375	223.36	307.12			
(ii)		Helper (Skilled worker - Upper)		Each	1.125	181.86	204.59			
		Total - I					511.71			
		Sundries @ 3% i.e. on Rs. 511.71					15.35			
		Add contractor's profit @ 21.50% i.e. on Rs. 527.06					113.32			
		Add Labour cess @ 1% i.e. on Rs. 640.38					6.40			
		Labour for	10	Nos.			646.78			
		Labour for	1	Each			64.68	64.68		64.68
		Cost for	1	Each				64.68		
		Add 10% for sub mountainous region								6.47
		Labour for	1	Each						71.15
		Cost for	1	Each						71.15

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
9		175mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.375	223.36	307.12				
(ii)		Helper (Skilled worker - Upper)			Each	1.500	181.86	272.79				
		Total - I						579.91				
		Sundries @ 3% i.e. on Rs. 579.91						17.40				
		Add contractor's profit @ 21.50% i.e. on Rs. 597.31						128.42				
		Add Labour cess @ 1% i.e. on Rs. 725.73						7.26				
		Labour for	10	Nos.				732.99				
		Labour for	1	Each				73.30	73.30			73.30
		Cost for	1	Each					73.30			
		Add 10% for sub mountainous region										7.33
		Labour for	1	Each								80.63
		Cost for	1	Each								80.63

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
h		200mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
i		225mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
j		250mm internal diameter of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(l)		Labour								
(i)		Fitter Pipe (1st Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.625	181.86	295.52			
		Total - I					630.56			
		Sundries @ 3% i.e. on Rs. 630.56					18.92			
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48					139.64			
		Add Labour cess @ 1% i.e. on Rs. 789.12					7.89			
		Labour for	10	Nos.			797.01			
		Labour for	1	Each			79.70	79.70		79.70
		Cost for	1	Each				79.70		
		Add 10% for sub mountainous region								7.97
		Labour for	1	Each						87.67
		Cost for	1	Each						87.67

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
k		300mm internal diameter of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(l)		Labour								
(i)		Fitter Pipe (1st Class)		Each	1.500	223.36	335.04			
(ii)		Helper (Skilled worker - Upper)		Each	1.625	181.86	295.52			
		Total - I					630.56			
		Sundries @ 3% i.e. on Rs. 630.56					18.92			
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48					139.64			
		Add Labour cess @ 1% i.e. on Rs. 789.12					7.89			
		Labour for	10	Nos.			797.01			
		Labour for	1	Each			79.70	79.70		79.70
		Cost for	1	Each				79.70		
		Add 10% for sub mountainous region								7.97
		Labour for	1	Each						87.67
		Cost for	1	Each						87.67

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
I		350mm internal diameter of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)	Each	1.625	181.86	295.52				
		Total - I				630.56				
		Sundries @ 3% i.e. on Rs. 630.56				18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48				139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12				7.89				
		Labour for	10	Nos.		797.01				
		Labour for	1	Each		79.70	79.70			79.70
		Cost for	1	Each			79.70			
		Add 10% for sub mountainous region								7.97
		Labour for	1	Each						87.67
		Cost for	1	Each						87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
m		375mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
n		400mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
o		450mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
p		500mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
q		525mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
r		550mm internal diameter of valves.										
		Unit :-	1	Each								
		Taking output for	10	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)			Each	1.625	181.86	295.52				
		Total - I						630.56				
		Sundries @ 3% i.e. on Rs. 630.56						18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48						139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12						7.89				
		Labour for	10	Nos.				797.01				
		Labour for	1	Each				79.70	79.70			79.70
		Cost for	1	Each					79.70			
		Add 10% for sub mountainous region										7.97
		Labour for	1	Each								87.67
		Cost for	1	Each								87.67

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
s		600mm internal diameter of valves.								
		Unit :-	1	Each						
		Taking output for	10	Nos.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.500	223.36	335.04				
(ii)		Helper (Skilled worker - Upper)	Each	1.625	181.86	295.52				
		Total - I				630.56				
		Sundries @ 3% i.e. on Rs. 630.56				18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.48				139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.12				7.89				
		Labour for	10	Nos.		797.01				
		Labour for	1	Each		79.70	79.70			79.70
		Cost for	1	Each			79.70			
		Add 10% for sub mountainous region								7.97
		Labour for	1	Each						87.67
		Cost for	1	Each						87.67

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.70		Dismantling fire hydrants of all sizes, including dismantling the joints including ride back as desired by Engineer-in-Charge.										
		Unit :-	1	Each								
		Taking output	1	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.100	223.36	22.34				
(ii)		Mazdoor (Skilled - Upper)			Each	0.125	164.69	20.59				
		Total - I						42.93				
		Sundries @ 3% i.e. on Rs. 42.93						1.29				
		Add contractor's profit @ 21.50% i.e. on Rs. 44.22						9.51				
		Add Labour cess @ 1% i.e. on Rs. 53.73						0.54				
		Labour for	1	Nos.				54.27	54.27			54.27
		Cost for	1	Each				54.27	54.27			
		Add 10% for sub mountainous region										5.43
		Labour for	1	Each								59.70
		Cost for	1	Each								59.70

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.71		Dismantling single or double air valves, all sizes, including dismantling joints including ride back as desired by Engineer-in-Charge.										
		Unit :-	1	Each								
		Taking output	1	Nos.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.100	223.36	22.34				
(ii)		Mazdoor (Skilled - Upper)			Each	0.100	164.69	16.47				
		Total - I						38.81				
		Sundries @ 3% i.e. on Rs. 38.81						1.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 39.97						8.59				
		Add Labour cess @ 1% i.e. on Rs. 48.56						0.49				
		Labour for	1	Nos.				49.05	49.05			49.05
		Cost for	1	Each					49.05			
		Add 10% for sub mountainous region										4.91
		Labour for	1	Each								53.96
		Cost for	1	Each								53.96

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.72		Dismantling cast Iron surface boxes for sluice valves and fire hydrants including ride back as desired by Engineer-in-Charge.										
		Unit :-	1	Each								
		Taking output	1	Nos.								
(I)		Labour										
(i)		Mason Class-II			Each	0.042	190.00	7.98				
(ii)		Mazdoor (Skilled - Upper)			Each	0.100	164.69	16.47				
		Total - I						24.45				
		Sundries @ 3% i.e. on Rs. 24.45						0.73				
		Add contractor's profit @ 21.50% i.e. on Rs. 25.18						5.41				
		Add Labour cess @ 1% i.e. on Rs. 30.59						0.31				
		Labour for	1	Nos.				30.90	30.90			30.90
		Cost for	1	Each				30.90				
		Add 10% for sub mountainous region										3.09
		Labour for	1	Each								33.99
		Cost for	1	Each								33.99

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.73		Dismantling cast Iron single air valve surface boxes including ride back as desired by Engineer-in-Charge.										
		Unit :-	1	Each								
		Taking output	1	Nos.								
(I)		Labour										
(i)		Mason Class-II			Each	0.050	190.00	9.50				
(ii)		Mazdoor (Skilled - Upper)			Each	0.100	164.69	16.47				
		Total - I						25.97				
		Sundries @ 3% i.e. on Rs. 25.97						0.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 26.75						5.75				
		Add Labour cess @ 1% i.e. on Rs. 32.5						0.33				
		Labour for	1	Nos.				32.83	32.83			32.83
		Cost for	1	Each					32.83			
		Add 10% for sub mountainous region										3.28
		Labour for	1	Each								36.11
		Cost for	1	Each								36.11

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.74		Dismantling cast Iron double air valve surface boxes including ride back as desired by Engineer-in-Charge.								
		Unit :-	1	Each						
		Taking output	1	Nos.						
(I)		Labour								
(i)		Mason Class-II	Each	0.125	190.00	23.75				
(ii)		Mazdoor (Skilled - Upper)	Each	0.250	164.69	41.17				
		Total - I				64.92				
		Sundries @ 3% i.e. on Rs. 64.92				1.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 66.87				14.38				
		Add Labour cess @ 1% i.e. on Rs. 81.25				0.81				
		Labour for	1	Nos.		82.06	82.06			82.06
		Cost for	1	Each			82.06			
		Add 10% for sub mountainous region								8.21
		Labour for	1	Each						90.27
		Cost for	1	Each						90.27

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
28.75		Dismantling, disjoining, removal of G.I. pipe lines, specials, valves and fittings including ride back as desired by Engineer-in-Charge.										
a		15mm internal diameter pipe line.										
		Unit :-	1	m.								
		Taking output	30	m.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	0.500	223.36	111.68				
(ii)		Mazdoor (Skilled - Upper)			Each	0.750	164.69	123.52				
		Total - I						235.20				
		Sundries @ 3% i.e. on Rs. 235.2						7.06				
		Add contractor's profit @ 21.50% i.e. on Rs. 242.26						52.09				
		Add Labour cess @ 1% i.e. on Rs. 294.35						2.94				
		Labour for	30	m.				297.29				
		Cost for	1	m.				9.91	9.91			9.91
		Add 10% for sub mountainous region										0.99
		Labour for	1	m.								10.90
		Cost for	1	m.								10.90

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		20mm internal diameter pipe line.								
		Unit :-	1	m.						
		Taking output	30	m.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)	Each	0.600	223.36	134.02				
(ii)		Mazdoor (Skilled - Upper)	Each	0.875	164.69	144.10				
		Total - I				278.12				
		Sundries @ 3% i.e. on Rs. 278.12				8.34				
		Add contractor's profit @ 21.50% i.e. on Rs. 286.46				61.59				
		Add Labour cess @ 1% i.e. on Rs. 348.05				3.48				
		Labour for	30	m.		351.53				
		Cost for	1	m.		11.72	11.72			11.72
		Add 10% for sub mountainous region								1.17
		Labour for	1	m.						12.89
		Cost for	1	m.						12.89

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
c		25mm internal diameter pipe line.								
		Unit :-	1	m.						
		Taking output	30	m.						
(l)		Labour								
(i)		Fitter Pipe (1st Class)	Each	0.875	223.36	195.44				
(ii)		Mazdoor (Skilled - Upper)	Each	1.000	164.69	164.69				
		Total - I				360.13				
		Sundries @ 3% i.e. on Rs. 360.13				10.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 370.93				79.75				
		Add Labour cess @ 1% i.e. on Rs. 450.68				4.51				
		Labour for	30	m.		455.19				
		Cost for	1	m.		15.17	15.17			15.17
		Add 10% for sub mountainous region								1.52
		Labour for	1	m.						16.69
		Cost for	1	m.						16.69

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
d		32mm internal diameter pipe line.								
		Unit :-	1	m.						
		Taking output	30	m.						
(l)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.000	223.36	223.36				
(ii)		Mazdoor (Skilled - Upper)	Each	1.500	164.69	247.04				
		Total - I				470.40				
		Sundries @ 3% i.e. on Rs. 470.4				14.11				
		Add contractor's profit @ 21.50% i.e. on Rs. 484.51				104.17				
		Add Labour cess @ 1% i.e. on Rs. 588.68				5.89				
		Labour for	30	m.		594.57				
		Cost for	1	m.		19.82	19.82			19.82
		Add 10% for sub mountainous region								1.98
		Labour for	1	m.						21.80
		Cost for	1	m.						21.80

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
e		40mm internal diameter pipe line.										
		Unit :-	1	m.								
		Taking output	30	m.								
(I)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.300	223.36	290.37				
(ii)		Mazdoor (Skilled - Upper)			Each	1.500	164.69	247.04				
		Total - I						537.41				
		Sundries @ 3% i.e. on Rs. 537.41						16.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 553.53						119.01				
		Add Labour cess @ 1% i.e. on Rs. 672.54						6.73				
		Labour for	30	m.				679.27				
		Cost for	1	m.				22.64	22.64			22.64
		Add 10% for sub mountainous region										2.26
		Labour for	1	m.								24.90
		Cost for	1	m.								24.90

Sr. No.	Co/de No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
f		50mm internal diameter pipe line.										
		Unit :-	1	m.								
		Taking output	30	m.								
(l)		Labour										
(i)		Fitter Pipe (1st Class)			Each	1.300	223.36	290.37				
(ii)		Mazdoor (Skilled - Upper)			Each	1.500	164.69	247.04				
		Total - I						537.41				
		Sundries @ 3% i.e. on Rs. 537.41						16.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 553.53						119.01				
		Add Labour cess @ 1% i.e. on Rs. 672.54						6.73				
		Labour for	30	m.				679.27				
		Cost for	1	m.				22.64	22.64			22.64
		Add 10% for sub mountainous region										2.26
		Labour for	1	m.								24.90
		Cost for	1	m.								24.90

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
g		65mm internal diameter pipe line.								
		Unit :-	1	m.						
		Taking output	30	m.						
(l)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.500	223.36	335.04				
(ii)		Mazdoor (Skilled - Upper)	Each	1.500	164.69	247.04				
		Total - I				582.08				
		Sundries @ 3% i.e. on Rs. 582.08				17.46				
		Add contractor's profit @ 21.50% i.e. on Rs. 599.54				128.90				
		Add Labour cess @ 1% i.e. on Rs. 728.44				7.28				
		Labour for	30	m.		735.72				
		Cost for	1	m.		24.52	24.52			24.52
		Add 10% for sub mountainous region								2.45
		Labour for	1	m.						26.97
		Cost for	1	m.						26.97

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
h		80mm internal diameter pipe line.								
		Unit :-	1	m.						
		Taking output	30	m.						
(l)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.625	223.36	362.96				
(ii)		Mazdoor (Skilled - Upper)	Each	1.625	164.69	267.62				
		Total - I				630.58				
		Sundries @ 3% i.e. on Rs. 630.58				18.92				
		Add contractor's profit @ 21.50% i.e. on Rs. 649.5				139.64				
		Add Labour cess @ 1% i.e. on Rs. 789.14				7.89				
		Labour for	30	m.		797.03				
		Cost for	1	m.		26.57	26.57			26.57
		Add 10% for sub mountainous region								2.66
		Labour for	1	m.						29.23
		Cost for	1	m.						29.23

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		100mm internal diameter pipe line.								
		Unit :-	1	m.						
		Taking output	30	m.						
(I)		Labour								
(i)		Fitter Pipe (1st Class)	Each	1.875	223.36	418.80				
(ii)		Mazdoor (Skilled - Upper)	Each	1.875	164.69	308.79				
		Total - I				727.59				
		Sundries @ 3% i.e. on Rs. 727.59				21.83				
		Add contractor's profit @ 21.50% i.e. on Rs. 749.42				161.13				
		Add Labour cess @ 1% i.e. on Rs. 910.55				9.11				
		Labour for	30	m.		919.66				
		Cost for	1	m.		30.66	30.66			30.66
		Add 10% for sub mountainous region								3.07
		Labour for	1	m.						33.73
		Cost for	1	m.						33.73

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.76		Construction of Gravel Pit outside the Pump Chamber.								
		Unit: 1 Each								
I		Material:								
i		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b)) 3.14x1.25x0.56x0.15=0.35cum	Cum	0.35	957.10	334.99				
ii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5) 3.14x1.35x0.45x0.50=0.29 3.14x1.24x0.34x0.15=0.20 3.14x1.13x0.27x1.05=0.86 =1.35	Cum	1.35	1920.54	2592.73				
iii		12.5mm thick cement plaster 1:4. (Rate as per CSR item 15.9) Top 3.14x1.13x0.23 =0.82 Inside 3.14x0.90x1.35 = <u>3.81</u> 4.63	Sqm	4.63	34.68	160.57				
iv		Conglomerate floor 40mm thick C.C 1:2:4 on 100mm CC 1:8:16 and 100 mm sand or stone Filling around the gravel pit. (Rate as per CSR item 14.7) 3.14x2.26x0.90=6.39	Sqm	6.39	241.24	1541.52				
v		Providing & fixing pit cover of M.S sheet thick 10 gauge duly I.S.I. marked 3.14x1.13x1.13=1.00 sqm wt @ 24.70 Kg./m.=24.70 Kg.	Kg.	24.70	50.00	1235.00				
vi	18.1 or 18.9		Kg.	4.88	19.68	96.04				
vii		Extra for specially moulded brick work in circular work such as well shafts circular sumps, pump chambers etc. in which specially moulded or cut bricks have to be used but for which no centring or supports are required upto 4.5 m internal diameter. (Rate same as per CSR item no. 11.69)	Cum	1.35	14.00	18.90				
						5979.75	5979.75			5979.75
II		Labour:								
i		Earth work in excavation in foundation trenches etc. In all kinds of soil not exceeding 2 m . Depth including dressing of bottom and sides of trenches and subsequent filling around masonry in 15cm layers. (Rate as per CSR item 6.6) 1x3.14x1.91x1.91x0.75=2.15 Cum 4	Cum	2.15	52.96	113.86				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b)) 3.14x1.25x0.56x0.15=0.35cum	Cum	0.35		91.44				
ii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5) 3.14x1.35x0.45x0.50=0.29 3.14x1.24x0.34x0.15=0.20 3.14x1.13x0.27x1.05=0.86 =1.35	Cum	1.35	261.25	383.08				
iii		12.5mm thick cement plaster 1:4. (Rate as per CSR item 15.9) Top 3.14x1.13x0.23 =0.82 Inside 3.14x0.90x1.35 = <u>3.81</u> 4.63	Sqm	4.63	283.76	165.48				
iv		Conglomerate floor 40mm thick C.C 1:2:4 on 100mm CC 1:8:16 and 100 mm sand or stone Filling around the gravel pit. (Rate as per CSR item 14.7) 3.14x2.26x0.90=6.39	Sqm	6.39	35.74	318.03				
v		Providing & fixing pit cover of M.S sheet thick 10 gauge duly I.S.I. marked 3.14x1.13x1.13=1.00 sqm wt @ 24.70 Kg./m.=24.70 Kg.	Kg.	24.70	49.77	1235.00				
vi	18.1 or 18.9		Kg.	4.88	50.00	96.04				
vii		Extra for specially moulded brick work in circular work such as well shafts circular sumps, pump chambers etc. in which specially moulded or cut bricks have to be used but for which no centring or supports are required upto 4.5 m internal diameter. (Rate same as per CSR item no. 11.69)	Cum	1.35		663.03				
					491.13					
						3065.96				
		Labour for	1	Each			3065.96	3065.96		3065.96
		Cost for	1	Each				9045.71		
		Add 10% for sub mountainous region								306.60
		Labour for	1	Each						3372.56
		Cost for	1	Each						9352.31

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.77		CONSTRUCTION OF V-NOTCH HAUDI.								
		Unit:		1 Each						
I		Material:								
i		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b))	Cum	0.83	957.10	794.39				
		2.40x1.50x0.23=0.83 cum								
ii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5)	Cum	1.53	1920.54	2938.43				
		L.Wall 2x2.28x0.23x1.05 = 1.10 Cum								
		S.wall 2x0.90x0.23x1.05 = <u>0.43 Cum</u>								
		Total = 1.53 Cum								
iii		115mm thick B.B work laid in cement mortar 1:4 (Rate as per CSR item 11.36)	Sqm	1.45	230.42	334.11				
		Walls in Haudi 2x0.90x0.81=1.45 Sqm								
iv		12.5mm thick cement plaster 1:4 with imm thick cement rendering (Rate as per CSR item 15.9+15.41)	Sqm	15.20	42.55	646.76				
		L.walls = 2x1.80x1.05 = 3.78								
		S.walls = 2x0.90x1.05 = 1.89								
		Top 2x(2.28+0.90)x0.23 = 1.47								
		Outside L.W. 2x2.28x0.68 = 3.10								
		Outside S.W. 2x1.38x0.68 = 1.87								
		Partition walls sides								
		2x2x0.81x0.90 = 2.91								
		Top 2x0.81x0.115 = <u>0.18</u>								
		Total =15.20								
v		Conglomerate floor 40mm thick 1:2:4 (Rate as per CSR item 14.4)	Sqm	1.62	97.18	157.43				
		1x1.80x0.90 = 1.62 Sqm								
vi		Supply of V-Notch duly I.S.I. marked	Each	1.00	1850.00	1850.00				
vii		Labour rate including material in erecting & fixing V-Notch (Rate as per CSR item 28.55 (b) Total - I)	Each	1.00		0.00				
						6721.12				
							6721.12			6721.12
II		Labour:								
i		Earth work in excavation in foundation trenches etc. In all kinds of soil not exceeding 2 m . Depth including dressing of bottom and sides of trenches and subsequent filling around masonry in 15cm layers. (Rate as per CSR item 6.6)	Cum	2.16	52.96	114.39				
		1x2.40x1.50x0.60=2.16 cum								

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
ii		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b))	Cum	0.83	261.25	216.84				
		2.40x1.50x0.23=0.83 cum								
iii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5)	Cum	1.53	283.76	434.15				
		L.Wall 2x2.28x0.23x1.05 = 1.10 Cum								
		S.wall 2x0.90x0.23x1.05 = 0.43 Cum								
		Total = 1.53 Cum								
iv		115mm thick B.B work laid in cement mortar 1:4 (Rate as per CSR item 11.36)	Sqm	1.45	61.97	89.86				
		Walls in Haudi 2x0.90x0.81=1.45 Sqm								
v		12.5mm thick cement plaster 1:4 with imm thick cement rendering (Rate as per CSR item 15.9+15.41)	Sqm	15.20	51.67	785.38				
		L.walls = 2x1.80x1.05 = 3.78								
		S.walls = 2x0.90x1.05 = 1.89								
		Top 2x(2.28+0.90)x0.23 = 1.47								
		Outside L.W. 2x2.28x0.68 = 3.10								
		Outside S.W. 2x1.38x0.68 = 1.87								
		Partition walls sides								
		2x2x0.81x0.90 = 2.91								
		Top 2x0.81x0.115 = 0.18								
		Total =15.20								
vi		Conglomerate floor 40mm thick 1:2:4 (Rate as per CSR item 14.4)	Sqm	1.62	21.12	34.21				
		1x1.80x0.90 = 1.62 Sqm								
vii		Supply of V-Notch duly I.S.I. marked	Each	1.00	1850.00	1850.00				
viii		Labour rate including material in erecting & fixing V-Notch (Rate as per CSR item 28.55 (b) Total - II)	Each	1.00		0.00				
						3524.83				
		Labour for	1	Each			3524.83	3524.83		3524.83
		Cost for	1	Each				10245.95		
		Add 10% for sub mountainous region								352.48
		Labour for	1	Each						3877.31
		Cost for	1	Each						10598.43

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
28.78		Construction of masonry Sluice Valve Chamber complete in all respects as per standard drawing.								
a		Size 0.6 m. x 0.6 m.								
		Unit:		1 Each						
I		Material:								
i		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b))	Cum	0.27	957.10	258.42				
		1x1.35x1.35x0.15 = 0.27 Cum								
ii		Cement Concrete 1:2:4 with stone ballast or shingle floor. (Rate as per CSR item 10.11)	Cum	0.01	1683.63	16.84				
		1x0.60x0.60x0.04 = 0.01 Cum								
iii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5)	Cum	0.74	1920.54	1421.20				
		Long wall : 2x1.05x0.225x1 = 0.47 Cum								
		Short wall : 2x0.60x0.225x1 = 0.27 Cum								
		0.74 Cum								
iv		RCC work M-20 hand mixed for slab excluding steel reinforcement but including the cost of centering and shuttering laid in position complete in all respect. (Rate as per CSR item 10.14)	Cum	0.08	2485.08	198.81				
		1x0.90x0.90x0.10 = 0.08 Cum								
v		Cold twisted deformed (Ribbed tor steel) bars for RCC work where not included in the complete rate of R.C.c including binding and placing in position complete. (Rate as per CSR item 18.18)	Qtl	0.072	4312.78	310.52				
		0.08 Cum @ 90 Kg. /Cum = 7.20 Kg. or 0.072 Qtl								
vi		12.5 mm thick cement plaster 1:2 (Rate as per CSR item 15.7)	Sqm	2.30	55.26	127.10				
		4x0.60x0.96 = 2.30 Sqm								
						2332.89				
							2332.89			2332.89
II		Labour:								
i		Earth work in excavation in foundation trenches etc. In all kinds of soil not exceeding 2 m . Depth including dressing of bottom and sides of trenches and subsequent filling around masonry in 15cm layers. (Rate as per CSR item 6.6)	Cum	2.10	52.96	111.22				
		1x1.35x1.35x1.15 = 2.10 Cum								
i		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b))	Cum	0.27	261.25	70.54				

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		1x1.35x1.35x0.15 = 0.27 Cum								
ii		Cement Concrete 1:2:4 with stone ballast or shingle floor. (Rate as per CSR item 10.11)	Cum	0.01		2.61				
		1x0.60x0.60x0.04 = 0.01 Cum			261.25					
iii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5)	Cum	0.74		209.98				
		Long wall : 2x1.05x0.225x1 = 0.47 Cum			283.76					
		Short wall : 2x0.60x0.225x1 = 0.27 Cum								
		0.74 Cum								
iv		RCC work M-20 hand mixed for slab excluding steel reinforcement but including the cost of centering and shuttering laid in position complete in all respect. (Rate as per CSR item 10.14)	Cum	0.08		38.73				
		1x0.90x0.90x0.10 = 0.08 Cum			484.13					
v		Cold twisted deformed (Ribbed tor steel) bars for RCC work where not included in the complete rate of R.C.c including binding and placing in position complete. (Rate as per CSR item 18.18)	Qtl	0.072		20.81				
		0.08 Cum @ 90 Kg. /Cum = 7.20 Kg. or 0.072 Qtl			289.03					
vi		12.5 mm thick cement plaster 1:2 (Rate as per CSR item 15.7)	Sqm	2.30		82.20				
		4x0.60x0.96 = 2.30 Sqm			35.74					
						536.09				
		Labour for	1	Each		536.09		536.09		536.09
		Cost for	1	Each				2868.98		
		Add 10% for sub mountainous region								53.61
		Labour for	1	Each						589.70
		Cost for	1	Each						2922.59

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
b		Size 0.9 m. x 0.9 m.								
		Unit:		1 Each						
I		Material:								
i		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b))	Cum	0.41		392.41				
		1x1.65x1.65x1.15 = 0.41 Cum			957.10					
ii		Cement Concrete 1:2:4 with stone ballast or shingle floor. (Rate as per CSR item 10.11)	Cum	0.03		50.51				
		1x0.90x0.90x0.04 = 0.03 Cum			1683.63					
iii		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5)	Cum	1.00		1920.54				
		Long wall :2x1.35x0.225x1 = 0.60			1920.54					
		Short wall 2x0.90x0.225x1 = 0.40								
		1.00 Cum								
iv		RCC work M-20 hand mixed for slab excluding steel reinforcement but including the cost of centering and shuttering laid in position complete in all respect. (Rate as per CSR item 10.14)	Cum	0.11		273.36				
		2(0.60x1.20)x0.075 = 0.11 Cum			2485.08					
v		Cold twisted deformed (Ribbed tor steel) bars for RCC work where not included in the complete rate of R.C.c including binding and placing in position complete. (Rate as per CSR item 18.18)	Qtl	0.090		388.15				
		0.11 Cum @ 80 Kg. /Cum = 8.80 Kg. or 0.09 Qtl			4312.78					
vi		12.5 mm thick cement plaster 1:2 (Rate as per CSR item 15.7)	Sqm	3.46		191.20				
		4x0.90x0.96 = 3.46 Sqm			55.26					
						3216.17				
							3216.17			3216.17
II		Labour:								
i		Earth work in excavation in foundation trenches etc. In all kinds of soil not exceeding 2 m . Depth including dressing of bottom and sides of trenches and subsequent filling around masonry in 15cm layers. (Rate as per CSR item 6.6)	Cum	3.13		165.76				
		1x1.65x1.35x1.15 = 3.13 Cum			52.96					
ii		Cement Concrete 1:8:6 with (40 mm) gauge stone aggregate to be used instead of brick ballast. (Rate as per CSR item 10.5 (b))	Cum	0.41		107.11				
					261.25					

Sr. No.	Co/de No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
		1x1.65x1.65x1.15 = 0.41 Cum								
iii		Cement Concrete 1:2:4 with stone ballast or shingle floor. (Rate as per CSR item 10.11)	Cum	0.03		7.84				
		1x0.90x0.90x0.04 = 0.03 Cum			261.25					
iv		First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth. (Rate as per CSR item 11.5)	Cum	1.00		283.76				
		Long wall :2x1.35x0.225x1 = 0.60			283.76					
		Short wall 2x0.90x0.225x1 = 0.40								
		1.00 Cum								
v		RCC work M-20 hand mixed for slab excluding steel reinforcement but including the cost of centering and shuttering laid in position complete in all respect. (Rate as per CSR item 10.14)	Cum	0.11		53.25				
					484.13					
vi		2(0.60x1.20)x0.075 = 0.11 Cum								
		Cold twisted deformed (Ribbed tor steel) bars for RCC work where not included in the complete rate of R.C.c including binding and placing in position complete. (Rate as per CSR item 18.18)	Qtl	0.090		26.01				
					289.03					
vii		0.11 Cum @ 80 Kg. /Cum = 8.80 Kg. or 0.09 Qtl								
		12.5 mm thick cement plaster 1:2 (Rate as per CSR item 15.7)	Sqm	3.46		123.66				
		4x0.90x0.96 = 3.46 Sqm			35.74					
						767.39				
		Labour for	1	Each		767.39		767.39		767.39
		Cost for	1	Each				3983.56		
		Add 10% for sub mountainous region								76.74
		Labour for	1	Each						844.13
		Cost for	1	Each						4060.30