

**Chapter No. 33.37**  
**DOUBLE WALLED CORRUGATED (DWC) HDPE PIPES:**

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
33.37		Supply and erection of double walled corrugated (DWC) HDPE pipe to be laid 1mtr. below ground level including excavation (making necessary trench), placing the pipe in position and back filling with excavated soil etc. of the required size.										
(i)		Double walled corrugated (DWC) HDPE pipe 50/ 38mm (outer/ inner dia.)										
			Unit :-	1	Metre							
I		<b>Materials</b>										
		<b>Taking output</b>			30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe 50/ 38mm (outer/ inner dia.)			Metre	30.00	43.89	1316.70				
(ii)		DWC HDPE pipe socket 50/ 38mm (outer/ inner dia.)			Each	1.00	13.72	13.72				
		Total - I						1330.42				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1330.42						13.30				
		Add contractor's profit @ 10% i.e. on Rs. 1343.72						134.37				
		Add labour cess @ 1% i.e. on Rs. 1478.09						14.78				
			Material for	30	Metre			<b>1492.87</b>				
			Material for	1	Metre			49.76	<b>49.76</b>			<b>49.76</b>
II		<b>Labour</b>										
		<b>Taking output</b>			30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)			Cum	10.50	66.28	695.94				
(ii)		Wireman (1st Class)			Day	1/2	164.69	82.35				
		Total - II						778.29				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29						7.78				
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07						169.01				
		Add labour cess @ 1% i.e. on Rs. 955.08						9.55				
			Labour for	30	Metre			<b>964.63</b>				
			Labour for	1	Metre			32.15	<b>32.15</b>		32.15	
			Cost for	1	Metre				<b>81.91</b>			
		<b>Add 10% for sub mountainous region</b>										3.22
			Labour for	1	Metre							<b>35.37</b>
			Cost for	1	Metre							<b>85.13</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In 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)		Double walled corrugated (DWC) HDPE pipe 63/ 51mm (outer/ inner dia.)								
		Unit :-	1	Metre						
<b>I</b>		<b>Materials</b>								
		<b>Taking output</b>	30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe 63/ 51mm (outer/ inner dia.)								
			Metre	30.00	58.97	1769.10				
(ii)		DWC HDPE pipe socket 63/ 51mm (outer/ inner dia.)								
			Each	1.00	20.57	20.57				
		Total - I				1789.67				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1789.67				17.90				
		Add contractor's profit @ 10% i.e. on Rs. 1807.57				180.76				
		Add labour cess @ 1% i.e. on Rs. 1988.33				19.88				
		Material for	30	Metre		<b>2008.21</b>				
		Material for	1	Metre		66.94	<b>66.94</b>			<b>66.94</b>
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)			Cum	10.50	66.28	695.94		
(ii)		Wireman (1st Class)	1	No.	Day	1/2	164.69	82.35		
		Total - II					778.29			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29					7.78			
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07					169.01			
		Add labour cess @ 1% i.e. on Rs. 955.08					9.55			
		Labour for	30	Metre			<b>964.63</b>			
		Labour for	1	Metre			32.15	<b>32.15</b>	32.15	
		Cost for	1	Metre			<b>99.09</b>			
		<b>Add 10% for sub mountainous region</b>								3.22
		Labour for	1	Metre						<b>35.37</b>
		Cost for	1	Metre						<b>102.31</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In 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)		Double walled corrugated (DWC) HDPE pipe90/76mm (outer/ inner dia.)								
		Unit :-	1	Metre						
<b>I</b>		<b>Materials</b>								
		<b>Taking output</b>	30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe90/76mm (outer/ inner dia.)								
			Metre	30.00	82.29	2468.70				
(ii)		DWC HDPE pipe socket 90/ 76mm (outer/ inner dia.)								
			Each	1.00	34.29	34.29				
		Total - I				2502.99				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2502.99				25.03				
		Add contractor's profit @ 10% i.e. on Rs. 2528.02				252.80				
		Add labour cess @ 1% i.e. on Rs. 2780.82				27.81				
		Material for	30	Metre		<b>2808.63</b>				
		Material for	1	Metre		93.62	<b>93.62</b>			<b>93.62</b>
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)			Cum	10.50	66.28	695.94		
(ii)		Wireman (1st Class)	1	No.	Day	1/2	164.69	82.35		
		Total - II					778.29			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29					7.78			
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07					169.01			
		Add labour cess @ 1% i.e. on Rs. 955.08					9.55			
		Labour for	30	Metre			<b>964.63</b>			
		Labour for	1	Metre			32.15	<b>32.15</b>	32.15	
		Cost for	1	Metre			<b>125.77</b>			
		<b>Add 10% for sub mountainous region</b>								3.22
		Labour for	1	Metre						<b>35.37</b>
		Cost for	1	Metre						<b>128.99</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In 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)		Double walled corrugated (DWC) HDPE pipe 120/ 103.5mm (outer/ inner dia.)								
		Unit :-	1	Metre						
<b>I</b>		<b>Materials</b>								
		<b>Taking output</b>	30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe 120/ 103.5mm (outer/ inner dia.)		Metre	30.00	113.15	3394.50			
(ii)		DWC HDPE pipe socket 120/ 103.5mm (outer/ inner dia.)		Each	1.00	44.57	44.57			
		Total - I					3439.07			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3439.07					34.39			
		Add contractor's profit @ 10% i.e. on Rs. 3473.46					347.35			
		Add labour cess @ 1% i.e. on Rs. 3820.81					38.21			
		Material for	30	Metre			<b>3859.02</b>			
		Material for	1	Metre			128.63	<b>128.63</b>		<b>128.63</b>
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)		Cum	10.50	66.28	695.94			
(ii)		Wireman (1st Class)	1	No.	Day	1/2	164.69	82.35		
		Total - II					778.29			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29					7.78			
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07					169.01			
		Add labour cess @ 1% i.e. on Rs. 955.08					9.55			
		Labour for	30	Metre			<b>964.63</b>			
		Labour for	1	Metre			32.15	<b>32.15</b>	32.15	
		Cost for	1	Metre				<b>160.78</b>		
		<b>Add 10% for sub mountainous region</b>								3.22
		Labour for	1	Metre						<b>35.37</b>
		Cost for	1	Metre						<b>164.00</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In 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)		Double walled corrugated (DWC) HDPE pipe 160/ 136mm (outer/ inner dia.)								
		Unit :-	1	Metre						
<b>I</b>		<b>Materials</b>								
		<b>Taking output</b>	30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe 160/ 136mm (outer/ inner dia.)		Metre	30.00	168.01	5040.30			
(ii)		DWC HDPE pipe socket 160/ 136mm (outer/ inner dia.)		Each	1.00	61.72	61.72			
		Total - I					5102.02			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.5102.02					51.02			
		Add contractor's profit @ 10% i.e. on Rs. 5153.04					515.30			
		Add labour cess @ 1% i.e. on Rs. 5668.34					56.68			
		Material for	30	Metre			<b>5725.02</b>			
		Material for	1	Metre			190.83	<b>190.83</b>		<b>190.83</b>
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)		Cum	10.50	66.28	695.94			
(ii)		Wireman (1st Class)	1	No.	Day	1/2	82.35			
		Total - II					778.29			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29					7.78			
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07					169.01			
		Add labour cess @ 1% i.e. on Rs. 955.08					9.55			
		Labour for	30	Metre			<b>964.63</b>			
		Labour for	1	Metre			32.15	<b>32.15</b>	32.15	
		Cost for	1	Metre				<b>222.98</b>		
		<b>Add 10% for sub mountainous region</b>								3.22
		Labour for	1	Metre						<b>35.37</b>
		Cost for	1	Metre						<b>226.20</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In 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)		Double walled corrugated (DWC) HDPE pipe 180/ 152mm (outer/ inner dia.)								
		Unit :-	1	Metre						
<b>I</b>		<b>Materials</b>								
		<b>Taking output</b>	30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe 180/ 152mm (outer/ inner dia.)			Metre	30.00	222.87	6686.10		
(ii)		DWC HDPE pipe socket 180/ 152mm (outer/ inner dia.)			Each	1.00	61.72	61.72		
		Total - I					6747.82			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.6747.82					67.48			
		Add contractor's profit @ 10% i.e. on Rs. 6815.3					681.53			
		Add labour cess @ 1% i.e. on Rs. 7496.83					74.97			
		Material for	30	Metre			<b>7571.80</b>			
		Material for	1	Metre			252.39	<b>252.39</b>		<b>252.39</b>
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)			Cum	10.50	66.28	695.94		
(ii)		Wireman (1st Class)	1	No.	Day	1/2	164.69	82.35		
		Total - II					778.29			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29					7.78			
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07					169.01			
		Add labour cess @ 1% i.e. on Rs. 955.08					9.55			
		Labour for	30	Metre			<b>964.63</b>			
		Labour for	1	Metre			32.15	<b>32.15</b>	32.15	
		Cost for	1	Metre				<b>284.54</b>		
		<b>Add 10% for sub mountainous region</b>								3.22
		Labour for	1	Metre						<b>35.37</b>
		Cost for	1	Metre						<b>287.76</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In 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)		Double walled corrugated (DWC) HDPE pipe 200/ 170mm (outer/ inner dia.)								
		Unit :-	1	Metre						
<b>I</b>		<b>Materials</b>								
		<b>Taking output</b>	30	Metre						
(i)		Double walled corrugated (DWC) HDPE pipe 200/ 170mm (outer/ inner dia.)			Metre	30.00	277.73	8331.90		
(ii)		DWC HDPE pipe socket 200/ 170mm (outer/ inner dia.)			Each	1.00	75.43	75.43		
		Total - I					8407.33			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.8407.33					84.07			
		Add contractor's profit @ 10% i.e. on Rs. 8491.4					849.14			
		Add labour cess @ 1% i.e. on Rs. 9340.54					93.41			
		Material for	30	Metre			<b>9433.95</b>			
		Material for	1	Metre			314.47	<b>314.47</b>		<b>314.47</b>
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	30	Metre						
(i)		Excavation including refilling (Item No. 6.6 of CSR Chapter No. 6)			Cum	10.50	66.28	695.94		
(ii)		Wireman (1st Class)	1	No.	Day	1/2	164.69	82.35		
		Total - II					778.29			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.778.29					7.78			
		Add contractor's profit @ 21.5% i.e. on Rs. 786.07					169.01			
		Add labour cess @ 1% i.e. on Rs. 955.08					9.55			
		Labour for	30	Metre			<b>964.63</b>			
		Labour for	1	Metre			32.15	<b>32.15</b>	32.15	
		Cost for	1	Metre				<b>346.62</b>		
		<b>Add 10% for sub mountainous region</b>								3.22
		Labour for	1	Metre						<b>35.37</b>
		Cost for	1	Metre						<b>349.84</b>