

Chapter No. 10

Concrete

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.1		Mud concrete with brick ballast 40mm gauge										
			Unit	1	cum							
I		Materials										
(i)		Brick ballast			cum	1.00	543.73	543.73				
		Total-I						543.73				
		Add contractor's profit @ 10% i.e. on Rs. 543.73						54.37				
		Labour cess on cost of material @ 1% i.e. on Rs. 598.1						5.98				
		Total-I			Cost for	1	cum		604.08	604.08		604.08
II		Labour										
		Taking output			34	cum						
(i)		Mazdoor (Semi Skilled) (Lower)/Dresser for measuring stacking and placing aggregate earth and mixing the same			each	6	143.81	862.86				
(ii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner for filling the pans			each	6	136.69	820.14				
(iii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner for helping for lifting pans			each	3	136.69	410.07				
(iv)		Mazdoor (Woman) for carrying concrete to the site of placement			each	15	136.69	2050.35				
(v)		Brick mason (2nd Class)			each	1.5	190.00	285.00				
(vi)		Bhisti with Mushak			each	0.50	173.76	86.88				
(vii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner for framing and wriggling			each	3	136.69	410.07				
(viii)		Good earth or fine clay at site of work including carriage for 34 cum			cum	13.6	178.73	2430.73				
		Total-II						7356.10				
		Sunderies such as water @ 3% i.e. on Rs. 7356.1						220.68				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 7576.78						1629.01				
		Labour cess on cost of labour @ 1% i.e. on Rs. 9205.79						92.06				
		Labour for			34	cum		9297.85				
		Labour for			1	cum		273.47	273.47			273.47
		Add Submountainous Region @ 10% i.e. on Rs. 273.47										27.35
												300.82
		cost per cum							877.55			904.90

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.2		Mud concrete with stone ballast 40mm gauge										
			Unit	1	cum							
I		Materials										
(i)		Stone ballast			cum	1.00	425.22	425.22				
		Total-I						425.22				
		Add contractor's profit @ 10% i.e. on Rs. 425.22						42.52				
		Labour cess on cost of material @ 1% i.e. on Rs. 467.74						4.68				
		Total-I						472.42	472.42			472.42
II		Labour										
		Taking output			34	cum						
		Rate as per Item No. 10.1 -II						7356.10				
		Sunderies such as water @ 3% i.e. on Rs. 7356.1						220.68				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 7576.78						1629.01				
		Labour cess on cost of labour @ 1% i.e. on Rs. 9205.79						92.06				
		Labour for			34	cum		9297.85				
		Labour for			1	cum		273.47	273.47			273.47
		Add Submountainous Region @ 10% i.e. on Rs. 273.47										27.35
												300.82
		cost per cum							745.89			773.24

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.3		Lime concrete 1:2:8 (0.13 cum lime 0.26 cum surkhi one cum brick ballast) 40mm gauge										
			Unit	1	cum							
I		Materials										
(i)		Brick ballast			cum	1.00	543.73	543.73				
(ii)		Lime (unslaked)			qtl	0.75	568.75	426.56				
(iii)		Surkhi			cum	0.26	786.73	204.55				
		Total-I						1174.84				
		Add contractor's profit @ 10% i.e. on Rs. 1174.84						117.48				
		Labour cess on cost of material @ 1% i.e. on Rs. 1292.32						12.92				
								1305.24	1305.24			1305.24
II		Labour										
		Taking output			34	cum						
(i)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	36	136.69	4920.84				
(ii)		Mazdoor (Woman)			each	18	136.69	2460.42				
(iii)		Bhisti with Mushak			each	3	173.76	521.28				
(iv)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	3	136.69	410.07				
(v)		Brick mason (2nd Class)			each	3	190.00	570.00				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for			34	cum		11227.30				
		Labour for			1	cum		330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1635.45			1668.47

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.4		Lime concrete 16:24:100 (0.16 cum lime, 0.24 cum surkhi and one cum brick ballast 32mm gauge										
		Unit	1	cum								
I		Materials										
(i)		Brick ballast			cum	1.00	543.73	543.73				
(ii)		Lime (unslaked)			qtl	0.93	568.75	528.94				
(iii)		Surkhi			cum	0.24	786.73	188.82				
		Total-I						1261.49				
		Add contractor's profit @ 10% i.e. on Rs. 1261.49						126.15				
		Labour cess on cost of material @ 1% i.e. on Rs. 1387.64						13.88				
								1401.52	1401.52			1401.52
II		Labour										
		Rate as per Item No. 10.3 II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1731.73			1764.75

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.5		Lime concrete 16:24:100 (0.16 cum lime, 0.24 cum surkhi and one cum brick ballast 20mm gauge										
		Unit	1	cum								
I		Materials										
(i)		Brick ballast			cum	1.00	641.23	641.23				
(ii)		Lime (unslaked)			qtl	0.93	568.75	528.94				
(iii)		Surkhi			cum	0.24	786.73	188.82				
		Total-I						1358.99				
		Add contractor's profit @ 10% i.e. on Rs. 1358.99						135.90				
		Labour cess on cost of material @ 1% i.e. on Rs. 1494.89						14.95				
		Total-I						1509.84	1509.84			1509.84
II		Labour										
		Rate as per Item No. 10.3 II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1840.05			1873.07

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.6		Cement concrete 1:8:16 With brikc ballast 40mm gauge										
a			Unit	1	cum							
I		Materials										
(i)		Brick ballast			cum	1.00	543.73	543.73				
(ii)		Cement			50 kg	1.80	262.27	472.09				
(iii)		Sand			cum	0.50	200.59	100.30				
		Total-I						1116.12				
		Add contractor's profit @ 10% i.e. on Rs. 1116.12						111.61				
		Labour cess on cost of material @ 1% i.e. on Rs. 1227.73						12.28				
		Total-I						1240.01	1240.01			1240.01
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1570.22			1603.24

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.6		Cement concrete 1:8:16 With 40mm gauge stone aggregates										
b			Unit	1	cum							
I		Materials										
(i)		Stone aggregates 40mm gauge			cum	1.00	425.22	425.22				
(ii)		Cement			50 kg	1.80	262.27	472.09				
(iii)		Sand			cum	0.50	200.59	100.30				
		Total-I						997.61				
		Add contractor's profit @ 10% i.e. on Rs. 100.3						99.76				
		Labour cess on cost of material @ 1% i.e. on Rs. 1097.37						10.97				
		Total-I						1108.34	1108.34			1108.34
II		Labour										
		Rate as per Item No. 10.3 II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1438.55			1471.57

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.7		Cement concrete 1:6:12 With brick ballast 40mm gauge										
a			Unit	1	cum							
I		Materials										
(i)		Brick ballast			cum	0.99	543.73	538.29				
(ii)		Cement			50 kg	2.35	262.27	616.33				
(iii)		Sand			cum	0.495	200.59	99.29				
		Total-I						1253.91				
		Add contractor's profit @ 10% i.e. on Rs. 1253.91						125.39				
		Labour cess on cost of material @ 1% i.e. on Rs. 1379.3						13.79				
		Total-I						1393.09	1393.09			1393.09
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1723.30			1756.32

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(b)		Cement concrete 1:6:12 with stone ballst 40mm gauge stone aggregates										
		Unit	1	cum								
I		Materials										
(i)		Stone ballast 40mm gauge			cum	0.99	425.22	420.97				
(ii)		Cement			50 kg	2.35	262.27	616.33				
(iii)		Sand			cum	0.495	200.59	99.29				
		Total-I						1136.59				
		Add contractor's profit @ 10% i.e. on Rs. 1136.59						113.66				
		Labour cess on cost of material @ 1% i.e. on Rs. 1250.25						12.50				
		Total-I						1262.75	1262.75			1262.75
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1592.96			1625.98

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.8		Cement concrete 1:5:10 with brick ballast 40mm gauge										
a			Unit	1	cum							
I		Materials										
(i)		Brick ballast			cum	0.98	543.73	532.86				
(ii)		Cement			50 kg	2.80	262.27	734.36				
(iii)		Sand			cum	0.49	200.59	98.29				
		Total-I						1365.51				
		Add contractor's profit @ 10% i.e. on Rs. 1365.51						136.55				
		Labour cess on cost of material @ 1% i.e. on Rs. 1502.06						15.02				
		Total-I						1517.08	1517.08			1517.08
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1847.29			1880.31

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(b)		Cement concrete 1:5:10 with stone ballast 40mm gauge										
			Unit	1	cum							
I		Materials										
(i)		Stone ballast 40mm gauge			cum	0.98	425.22	416.72				
(ii)		Cement			50 kg	2.80	262.27	734.36				
(iii)		Sand			cum	0.495	200.59	99.29				
		Total-I						1250.37				
		Add contractor's profit @ 10% i.e. on Rs. 1250.37						125.04				
		Labour cess on cost of material @ 1% i.e. on Rs. 1375.41						13.75				
		Total-I						1389.16	1389.16			1389.16
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1719.37			1752.39

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.9		Cement concrete 1:4:8 with brick balast 40mm gauge										
			Unit	1	cum							
I		Materials										
(i)		Brick ballast			cum	0.96	543.73	521.98				
(ii)		Cement			50 kg	3.50	262.27	917.95				
(iii)		Sand			cum	0.48	200.59	96.28				
		Total-I						1536.21				
		Add contractor's profit @ 10% i.e. on Rs. 1536.21						153.62				
		Labour cess on cost of material @ 1% i.e. on Rs. 1689.83						16.90				
		Total-I						1706.73	1706.73			1706.73
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							2036.94			2069.96

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.10		Cement concrete 1:4:8 with stone ballast of size										
(a)		20mm gauge										
		Unit	1	cum								
I		Materials										
(i)		Stone ballast			cum	0.96	435.24	417.83				
(ii)		Cement			50 kg	3.50	262.27	917.95				
(iii)		Sand			cum	0.480	200.59	96.28				
		Total-I						1432.06				
		Add contractor's profit @ 10% i.e. on Rs. 1432.06						143.21				
		Labour cess on cost of material @ 1% i.e. on Rs. 1575.27						15.75				
		Total-I						1591.02	1591.02			1591.02
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1921.23			1954.25

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(b)		40mm gauge										
			Unit	1	cum							
		Materials										
		Stone ballast			cum	0.96	425.22	408.21				
		Cement			50 kg	3.50	262.27	917.95				
		Sand			cum	0.480	200.59	96.28				
		Total-I						1422.44				
		Add contractor's profit @ 10% i.e. on Rs. 1422.44						142.24				
		Labour cess on cost of material @ 1% i.e. on Rs. 1564.68						15.65				
		Total-I						1580.33	1580.33			1580.33
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1910.54			1943.56

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.11		Cement concrete 1:3:6 with stone ballast or shingle										
			Unit	1	cum							
I		Materials										
(i)		Stone ballast			cum	0.94	435.24	409.13				
(ii)		Cement			50 kg	4.50	262.27	1180.22				
(iii)		Sand (Quarry)			cum	0.470	200.59	94.28				
		Total-I						1683.63				
		Add contractor's profit @ 10% i.e. on Rs. 1683.63						168.36				
		Labour cess on cost of material @ 1% i.e. on Rs. 1851.99						18.52				
		Total-I						1870.51	1870.51			1870.51
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
			Labour for	34	cum			11227.30				
			Labour for	1	cum			330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							2200.72			2233.74

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.12		Cement concrete 1:2:4 with stone ballast or shingle										
			Unit	1	cum							
I		Materials										
(i)		Stone ballast			cum	0.90	435.24	391.72				
(ii)		Cement			50 kg	6.50	262.27	1704.76				
(iii)		Sand (Quarry)			cum	0.450	200.59	90.27				
		Total-I						2186.75				
		Add contractor's profit @ 10% i.e. on Rs. 2186.75						218.68				
		Labour cess on cost of material @ 1% i.e. on Rs. 2405.43						24.05				
		Total-I						2429.48	2429.48			2429.48
II		Labour										
		Rate as per Item No. 10.3 ii						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor's profit @ 21.50% i.e. on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							2759.69			2792.71

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.13		Extra over item No. 10.1 to 10.11 when work is done in situ in small quantities not exceeding 0.30 cum per block in situ such as staggered blocks, arrows, concrete block over inverted filters, bed plates arches etc.										
			Unit	1	cum							
I		Labour per cum						36.00	36.00			36.00
(i)		Add Submountainous Region @ 10% i.e. on Rs. 36										3.60
		Total										39.60

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.14		Reinforced cement concrete 1:2:4 hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth										
			Unit	1	cum							
I		Materials										
(i)		Cement concrete 1:2:4										
		Rate as per item No. 10.12 (i)						2186.75				
		Total-I						2186.75				
		Add contractor's profit @ 10% i.e. on Rs. 2186.75						218.68				
		Labour cess on cost of material @ 1% i.e. on Rs. 2405.43						24.05				
		Total-I						2429.48	2429.48			2429.48
II		Labour										
		Taking output			1	cum						
		Rate as per item No. 10.10 II						261.25				
		Extra labour for wriggling and rodding etc.										
(i)		Mason First class			each	0.83	223.36	185.39				
(ii)		Mazdoor (Semi Skilled) (Upper)			each	0.25	149.97	37.49				
		Total-II						484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13						14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65						107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86						6.06				
		Labour for			1	cum		611.92				
		Labour for			1	cum		611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92										61.19
												673.11
		cost per cum							3041.40			3102.59

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.15		Reinforced cement concrete M-20 with cement @375/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth								
		Unit 1 cum								
I		Materials								
(i)		Stone ballast	cum	0.90	435.24	391.72				
(ii)		Cement	50 kg	7.50	262.27	1967.03				
(iii)		Sand (Quarry)	cum	0.450	280.73	126.33				
		Total-I				2485.08				
		Add contractor's profit @ 10% i.e. on Rs. 2485.08				248.51				
		Labour cess on cost of material @ 1% i.e. on Rs. 2733.59				27.34				
		Total-I				2760.93	2760.93			2760.93
II		Labour								
		Rate as per Item No. 10.14 II				484.13				
		Total-II				484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13				14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65				107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86				6.06				
		Labour for 1 cum	1	cum		611.92				
		Labour for 1 cum	1	cum		611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92								61.19
										673.11
		cost per cum					3372.85			3434.04

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.16		Reinforced cement concrete M-25 with cement @425/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth								
		Unit 1 cum								
I		Materials								
(i)		Stone ballast	cum	0.90	435.24	391.72				
(ii)		Cement	50 kg	8.50	262.27	2229.30				
(iii)		Sand (Quarry)	cum	0.450	280.73	126.33				
		Total-I				2747.35				
		Add contractor's profit @ 10% i.e. on Rs. 2747.35				274.74				
		Labour cess on cost of material @ 1% i.e. on Rs. 3022.09				30.22				
		Total-I				3052.31	3052.31			3052.31
II		Labour								
		Rate as per Item No. 10.14 II				484.13				
		Total-II				484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13				14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65				107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86				6.06				
		Labour for 1 cum	1	cum		611.92				
		Labour for 1 cum	1	cum		611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92								61.19
										673.11
		cost per cum					3664.23			3725.42

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.17		Reinforced cement concrete M-30 with cement @450/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth								
		Unit	1	cum						
I		Materials								
(i)		Stone ballast	cum	0.90	435.24	391.72				
(ii)		Cement	50 kg	9.00	262.27	2360.43				
(iii)		Sand (Quarry)	cum	0.450	280.73	126.33				
		Total-I				2878.48				
		Add contractor's profit @ 10% i.e. on Rs. 2878.48				287.85				
		Labour cess on cost of material @ 1% i.e. on Rs. 3166.33				31.66				
		Total-I				3197.99	3197.99			3197.99
II		Labour								
		Rate as per Item No. 10.14 II				484.13				
		Total-II				484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13				14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65				107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86				6.06				
		Labour for	1	cum		611.92				
		Labour for	1	cum		611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92								61.19
										673.11
		cost per cum					3809.91			3871.10

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.18		Reinforced cement concrete M-35 with cement @475/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth								
		Unit	1	cum						
I		Materials								
(i)		Stone ballast	cum	0.90	435.24	391.72				
(ii)		Cement	50 kg	9.50	262.27	2491.57				
(iii)		Sand (Quarry)	cum	0.450	280.73	126.33				
		Total-I				3009.62				
		Add contractor's profit @ 10% i.e. on Rs. 3009.62				300.96				
		Labour cess on cost of material @ 1% i.e. on Rs. 3310.58				33.11				
		Total-I				3343.69	3343.69			3343.69
II		Labour								
		Rate as per Item No. 10.14 II				484.13				
		Total-II				484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13				14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65				107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86				6.06				
		Labour for	1	cum		611.92				
		Labour for	1	cum		611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92								61.19
										673.11
		cost per cum					3955.61			4016.80

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.19		Reinforced cement concrete M-40 with cement @500/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth								
		Unit 1 cum								
I		Materials								
(i)		Stone ballast	cum	0.90	435.24	391.72				
(ii)		Cement	50 kg	10.00	262.27	2622.70				
(iii)		Sand (Quarry)	cum	0.450	280.73	126.33				
		Total-I				3140.75				
		Add contractor's profit @ 10% i.e. on Rs. 3140.75				314.08				
		Labour cess on cost of material @ 1% i.e. on Rs. 3454.83				34.55				
		Total-I				3489.38	3489.38			3489.38
II		Labour								
		Rate as per Item No. 10.14 ii				484.13				
		Total-II				484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13				14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65				107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86				6.06				
		Labour for 1 cum	1	cum		611.92				
		Labour for 1 cum	1	cum		611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92								61.19
										673.11
		cost per cum					4101.30			4162.49

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.20		Reinforced cement concrete 1:2:4 hand mixed but excluding steel reinforcement centring and shuttering in superstructure										
			Unit	1	cum							
I		Materials										
(i)		Cement concrete 1:2:4										
		Rate as per item No. 10.14 (i)						2186.75				
		Total-I						2186.75				
		Add contractor's profit @ 10% i.e. on Rs. 2186.75						218.68				
		Labour cess on cost of material @ 1% i.e. on Rs. 2405.43						24.05				
		Total-I						2429.48	2429.48			2429.48
II		Labour										
		Rate as per item No. 10.14 II extra labour for wriggling and rodding etc.						484.13				
(i)		Brick Mason Layer (1st Class)			each	0.90	223.36	201.02				
(ii)		Mazdoor (Semi Skilled) (Upper)			each	0.33	149.97	49.49				
		Total-II						734.64				
		Sunderies such as water @ 3% i.e. on Rs. 734.64						22.04				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 756.68						162.69				
		Labour cess on cost of labour @ 1% i.e. on Rs. 919.37						9.19				
		Labour for			1	cum		928.56				
		Labour for			1	cum		928.56	928.56			928.56
		Add Submountainous Region @ 10% i.e. on Rs. 928.56										92.86
												1021.42
		cost per cum							3358.04			3450.90

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.21		Reinforced cement concrete M-20 with cement @375/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure.								
		Unit 1 cum								
I		Materials								
		Rate as per item No.10.15 (i)				2485.08				
		Total-I				2485.08				
		Add contractor's profit @ 10% i.e. on Rs. 2485.08				248.51				
		Labour cess on cost of material @ 1% i.e. on Rs. 2733.59				27.34				
		Total-I				2760.93	2760.93			2760.93
II		Labour								
		Rate as per item No. 10.20-II				734.64				
		Total-II				734.64				
		Sunderies such as water @ 3% i.e. on Rs. 734.64				22.04				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 756.68				162.69				
		Labour cess on cost of labour @ 1% i.e. on Rs. 919.37				9.19				
		Labour for 1 cum				928.56				
		Labour for 1 cum				928.56	928.56			928.56
		Add Submountainous Region @ 10% i.e. on Rs. 928.56								92.86
										1021.42
		cost per cum					3689.49			3782.35

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.22		Reinforced cement concrete M-25 with cement @425/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure.								
		Unit 1 cum								
I		Materials								
		Rate as per item No.10.16(i)				2747.35				
		Total-I				2747.35				
		Add contractor's profit @ 10% i.e. on Rs. 2747.35				274.74				
		Labour cess on cost of material @ 1% i.e. on Rs. 3022.09				30.22				
		Total-I				3052.31	3052.31			3052.31
II		Labour								
		Rate as per item No. 10.20-II				734.64				
		Total-II				734.64				
		Sunderies such as water @ 3% i.e. on Rs. 734.64				22.04				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 756.68				162.69				
		Labour cess on cost of labour @ 1% i.e. on Rs. 919.37				9.19				
		Labour for 1 cum				928.56				
		Labour for 1 cum				928.56	928.56			928.56
		Add Submountainous Region @ 10% i.e. on Rs. 928.56								92.86
										1021.42
		cost per cum					3980.87			4073.73

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.23		Reinforced cement concrete M-30 with cement @450/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure.								
		Unit 1 cum								
I		Materials								
(i)		Rate as per item No.10.17 (i)				2878.48				
		Total-I				2878.48				
		Add contractor's profit @ 10% i.e. on Rs. 2878.48				287.85				
		Labour cess on cost of material @ 1% i.e. on Rs. 3166.33				31.66				
		Total-I				3197.99	3197.99			3197.99
II		Labour								
		Rate as per item No. 10.20-II				734.64				
		Total-II				734.64				
		Sunderies such as water @ 3% i.e. on Rs. 734.64				22.04				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 756.68				162.69				
		Labour cess on cost of labour @ 1% i.e. on Rs. 919.37				9.19				
		Labour for 1 cum				928.56				
		Labour for 1 cum				928.56	928.56			928.56
		Add Submountainous Region @ 10% i.e. on Rs. 928.56								92.86
										1021.42
		cost per cum					4126.55			4219.41

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.24		Reinforced cement concrete M-35 with cement @475/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure.								
		Unit 1 cum								
I		Materials								
		Rate as per item No.10.18 (i)				3009.62				
		Total-I				3009.62				
		Add contractor's profit @ 10% i.e. on Rs. 3009.62				300.96				
		Labour cess on cost of material @ 1% i.e. on Rs. 3310.58				33.11				
		Total-I				3343.69	3343.69			3343.69
II		Labour								
		Rate as per item No. 10.20-II				734.64				
		Total-II				734.64				
		Sunderies such as water @ 3% i.e. on Rs. 734.64				22.04				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 756.68				162.69				
		Labour cess on cost of labour @ 1% i.e. on Rs. 919.37				9.19				
		Labour for 1 cum				928.56				
		Labour for 1 cum				928.56	928.56			928.56
		Add Submountainous Region @ 10% i.e. on Rs. 928.56								92.86
										1021.42
		cost per cum					4272.25			4365.11

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.25		Reinforced cement concrete M-40 with cement @500/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure.								
		Unit	1	cum						
I		Materials								
		Rate as per item No.10.19 (i)				3140.75				
		Total-I				3140.75				
		Add contractor's profit @ 10% i.e. on Rs. 3140.75				314.08				
		Labour cess on cost of material @ 1% i.e. on Rs. 3454.83				34.55				
		Total-I				3489.38	3489.38			3489.38
II		Labour								
		Rate as per item No. 10.20-II				734.64				
		Total-II				734.64				
		Sunderies such as water @ 3% i.e. on Rs. 734.64				22.04				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 756.68				162.69				
		Labour cess on cost of labour @ 1% i.e. on Rs. 919.37				9.19				
		Labour for	1	cum		928.56				
		Labour for	1	cum		928.56	928.56			928.56
		Add Submountainous Region @ 10% i.e. on Rs. 928.56								92.86
										1021.42
		cost per cum					4417.94			4510.80

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.26		Add/subtract for using excess/less cement content in designed concrete mix for variation of cement content cement concrete	per bag	1	262.27	262.27	262.27	262.27	262.27	262.27

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.27		Damp proof course 7.5 Cm thick cement concret 1:2:4 with 2 coats of bitumen 20/30 penetration at 1.65 Kg per sqm laid hot and sanded								
		Unit 1 sqm.								
I		MATERIALS								
(i)		Cement concrete 1:2:4								
		Rate as per item No. 10.12 (i)	cum	0.075	2186.75	164.01				
(ii)		Bitumen 2 coats	tone	0.002	36925.00	60.93				
		Total-I				224.94				
		Add contractor's profit @ 10% i.e. on Rs. 224.94				22.49				
		Labour cess on cost of material @ 1% i.e. on Rs. 247.43				2.47				
		Total-I				249.90	249.90			249.90
II		LABOUR								
		Taking output 12 sqm.								
(i)		Brick Mason Layer (1st Class)	each	1.00	223.36	223.36				
(ii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner	each	1.00	136.69	136.69				
(iii)		Mazdoor women	each	1.00	136.69	136.69				
		Total-II				496.74				
		Sunderies such as water @ 3% i.e. on Rs. 496.74				14.90				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 511.64				110.00				
		Labour cess on cost of labour @ 1% i.e. on Rs. 621.64				6.22				
		Labour for 12 sqm.				627.86				
		Labour for 1 sqm.				52.32	52.32			52.32
		Add Submountainous Region @ 10% i.e. on Rs. 52.32								5.23
										57.55
		cost per sqm					302.22			307.45

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.28		Damp proof course 4cm thick of cement concrete 1:2:4 with 2 coats of bitumen 20/30 penetration at 1.65 Kg per sqm laid hot and sanded								
		Unit	1	sqm.						
I		MATERIALS								
(i)		Cement concrete 1:2:4								
		Rate as per item No. 10.12 (i)		cum	0.040	2186.75	87.47			
(ii)		Bitumen 2 coats		tonne	0.002	36925.00	60.93			
		Total-I					148.40			
		Add contractor's profit @ 10% i.e. on Rs. 148.4					14.84			
		Labour cess on cost of material @ 1% i.e. on Rs. 163.24					1.63			
		Total-I					164.87			164.87
II		LABOUR								
		Taking output	12	sqm.						
(i)		Brick Mason Layer (1st Class)		each	1.00	223.36	223.36			
(ii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner		each	1.00	136.69	136.69			
		Total-II					360.05			
		Sunderies such as water @ 3% i.e. on Rs. 360.05					10.80			
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 370.85					79.73			
		Labour cess on cost of labour @ 1% i.e. on Rs. 450.58					4.51			
		Labour for	12	sqm.			455.09			
		Labour for	1	sqm.			37.92			37.92
		Add Submountainous Region @ 10% i.e. on Rs. 37.92								3.79
										41.71
		cost per sqm								206.58
							202.79			

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.29		Damp proof course 4cm thick of cement concrete 1:2:4 with water proofing compound as per manufacture guidelines.								
		Unit	1	sqm.						
I		MATERIALS								
(i)		Cement concrete 1:2:4	cum	0.040	2186.75	87.47				
		Rate as per item No. 10.12-i								
(ii)		Water proofing compound	kg	0.250	40.26	10.07				
		Total-I				97.54				
		Add contractor's profit @ 10% i.e. on Rs. 97.54				9.75				
		Labour cess on cost of material @ 1% i.e. on Rs. 107.29				1.07				
		Total-I				108.36	108.36			108.36
II		LABOUR								
		Taking output	12	sqm.						
		Rate as per item No.10.28 (ii)				360.05				
		Total-II				360.05				
		Sunderies such as water @ 3% i.e. on Rs. 360.05				10.80				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 370.85				79.73				
		Labour cess on cost of labour @ 1% i.e. on Rs. 450.58				4.51				
		Labour for	12	sqm.		455.09				
		Labour for	1	sqm.		37.92	37.92			37.92
		Add Submountainous Region @ 10% i.e. on Rs. 37.92								3.79
										41.71
		cost per sqm					146.28			150.07

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.30		Damp proof course 2.5cm thick of cement concrete 1:2:4 with 2 coats of bitumen 20/30 penetration at 1.65 Kg per sqm laid hot and sanded								
		Unit	1	sqm.						
I		MATERIALS								
(i)		Cement concrete 1:2:4	cum	0.025	2186.75	54.67				
		Rate as per item No. 10.12(i)								
(ii)		Bitumen 2 coats	tonne	0.002	36925.00	60.93				
		Total-I				115.60				
		Add contractor's profit @ 10% i.e. on Rs. 115.6				11.56				
		Labour cess on cost of material @ 1% i.e. on Rs. 127.16				1.27				
		Total-I				128.43	128.43			128.43
II		LABOUR								
		Taking output	12	sqm.						
		Rate as per item No.10.28 (ii)				360.05				
		Total-II				360.05				
		Sunderies such as water @ 3% i.e. on Rs. 360.05				10.80				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 370.85				79.73				
		Labour cess on cost of labour @ 1% i.e. on Rs. 450.58				4.51				
		Labour for	12	sqm.		455.09				
		Labour for	1	sqm.		37.92	37.92			37.92
		Add Submountainous Region @ 10% i.e. on Rs. 37.92								3.79
										41.71
		cost per sqm					166.35			170.14

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.31		Supplying & laying dry brick bats										
			Unit	1	cum							
I		MATERIALS										
(i)		Brick bats plus 10 percent wastage including 10% wastage			cum	1.100	461.23	507.35				
		Total-I						507.35				
		Add contractor's profit @ 10% i.e. on Rs. 507.35						50.74				
		Labour cess on cost of material @ 1% i.e. on Rs. 558.09						5.58				
		Total-I						563.67	563.67			563.67
II		LABOUR										
			Taking output	10	cum							
(i)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	3.00	136.69	410.07				
		Total-II						410.07				
		Sunderies such as water @ 3% i.e. on Rs. 410.07						12.30				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 422.37						90.81				
		Labour cess on cost of labour @ 1% i.e. on Rs. 513.18						5.13				
			Labour for	10	cum			518.31				
			Labour for	1	cum			51.83	51.83			51.83
		Add Submountainous Region @ 10% i.e. on Rs. 51.83										5.18
												57.01
		cost per cum							615.50			620.68

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.32		Supplying & laying dry brick ballast										
			Unit	1	cum							
I		MATERIALS										
(i)		Cost of brick ballast 40mm gauge including 10% wastage			cum	1.100	543.73	598.10				
		Total-I						598.10				
		Add contractor's profit @ 10% i.e. on Rs. 598.1						59.81				
		Labour cess on cost of material @ 1% i.e. on Rs. 657.91						6.58				
		Total-I						664.49	664.49			664.49
II		LABOUR										
			Taking output	10	cum							
		Rate as per item No. 10.31(ii)						410.07				
		Total-II						410.07				
		Sunderies such as water @ 3% i.e. on Rs. 410.07						12.30				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 422.37						90.81				
		Labour cess on cost of labour @ 1% i.e. on Rs. 513.18						5.13				
			Labour for	10	cum			518.31				
			Labour for	1	cum			51.83	51.83			51.83
		Add Submountainous Region @ 10% i.e. on Rs. 51.83										5.18
												57.01
		cost per cum							716.32			721.50

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.33		Nicking cement concrete surface (over 28 years old including prapARATION and laying slurry)										
		LABOUR										
		Taking output	90	sqm								
(i)		Brick mason (2nd Class)			each	1.00	190.00	190.00				
(i)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	3.00	136.69	410.07				
		Total-II						600.07				
		Sunderies such as water @ 3% i.e. on Rs. 600.07						18.00				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 618.07						132.89				
		Labour cess on cost of labour @ 1% i.e. on Rs. 750.96						7.51				
		Labour for	90	sqm				758.47				
		Labour for	1	sqm				8.43		8.43		8.43
		Add Submountainous Region @ 10% i.e. on Rs. 8.43										0.84
												9.27
		cost per sqm								8.43		9.27

[illegible]

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.35		Nicking lime concrete surface										
		LABOUR										
		Taking output	180	sqm								
(ii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	6.00	136.69	820.14				
		Total-II						820.14				
		Sunderies such as water @ 3% i.e. on Rs. 820.14						24.60				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 844.74						181.62				
		Labour cess on cost of labour @ 1% i.e. on Rs. 1026.36						10.26				
		Labour for	180	sqm				1036.62				
		Labour for	1	sqm				5.76	5.76			5.76
		Add Submountainous Region @ 10% i.e. on Rs. 5.76										0.58
												6.34
		cost per sqm							5.76			6.34

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.36		Grouting concrete between the grooves of gates including labour for shuttering										
		LABOUR										
		Taking output	10	sqm								
(i)		Brick Mason Layer (1st Class)			each	1.00	223.36	223.36				
(ii)		Brick mason (2nd Class)			each	1.00	190.00	190.00				
(iii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	4.00	136.69	546.76				
		Total-II						960.12				
		Sunderies such as water @ 3% i.e. on Rs. 960.12						28.80				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 988.92						212.62				
		Labour cess on cost of labour @ 1% i.e. on Rs. 1201.54						12.02				
		Labour for	10	sqm				1213.56				
		Labour for	1	sqm				121.36	121.36			121.36
		Add Submountainous Region @ 10% i.e. on Rs. 121.36										12.14
												133.50
		cost per sqm							121.36			133.50

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.37		Preparing watering and ramming surface for laying concrete										
(a)		Head work										
(i)		Horizontal										
		LABOUR										
		Taking output	90	sqm								
(i)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	5.00	136.69	683.45				
		Total-II						683.45				
		Sunderies such as water @ 3% i.e. on Rs. 683.45						20.50				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 703.95						151.35				
		Labour cess on cost of labour @ 1% i.e. on Rs. 855.3						8.55				
		Labour for	90	sqm				863.85				
		Labour for	1	sqm				9.60	9.60			9.60
		Add Submountainous Region @ 10% i.e. on Rs. 9.6										0.96
												10.56
		cost per sqm							9.60			10.56

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(ii)		Glacies and crest										
			Unit	1	sqm							
		LABOUR										
		Taking output	90	sqm								
(i)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			each	10.00	136.69	1366.90				
		Total-II						1366.90				
		Sunderies such as water @ 3% i.e. on Rs. 1366.9						41.01				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 1407.91						302.70				
		Labour cess on cost of labour @ 1% i.e. on Rs. 1710.61						17.11				
		Labour for	90	sqm				1727.72				
		Labour for	1	sqm				19.20	19.20			19.20
		Add Submountainous Region @ 10% i.e. on Rs. 19.2										1.92
												21.12
		cost per sqm							19.20			21.12

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(b)		Channels (irrigation)										
(i)		Horizontal										
			Unit	1	sqm							
		LABOUR										
			Taking output	90	sqm							
(i)		Mazdoor (Semi Skilled) (Upper)			each	3.00	149.97	449.91				
(ii)		Mazdoor (women)			each	1.00	136.69	136.69				
		Total-II						586.60				
		Sunderies such as water @ 3% i.e. on Rs. 586.6						17.60				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 604.2						129.90				
		Labour cess on cost of labour @ 1% i.e. on Rs. 734.1						7.34				
			Labour for	90	sqm			741.44				
			Labour for	1	sqm			8.24	8.24			8.24
		Add Submountainous Region @ 10% i.e. on Rs. 8.24										0.82
												9.06
		cost per sqm							8.24			9.06

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(ii)		Glacis and crest										
			Unit	1	sqm							
		LABOUR										
		Taking output	90	sqm								
(i)		Mazdoor (Semi Skilled) (Upper)			each	5.00	149.97	749.85				
(ii)		Mazdoor (women)			each	1.00	136.69	136.69				
		Total-II						886.54				
		Sunderies such as water @ 3% i.e. on Rs. 886.54						26.60				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 913.14						196.33				
		Labour cess on cost of labour @ 1% i.e. on Rs. 1109.47						11.09				
		Labour for	90	sqm				1120.56				
		Labour for	1	sqm				12.45	12.45			12.45
		Add Submountainous Region @ 10% i.e. on Rs. 12.45										1.25
												13.70
		cost per sqm							12.45			13.70

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.38		Preparing surface for inverted fillers										
		LABOUR										
		Taking output	40	sqm								
(i)		Mazdoor (Semi Skilled) (Upper)			each	1.00	149.97	149.97				
		Total-II						149.97				
		Sunderies such as water @ 3% i.e. on Rs. 149.97						4.50				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 154.47						33.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 187.68						1.88				
		Labour for	40	sqm				189.56				
		Labour for	1	sqm				4.74	4.74			4.74
		Add Submountainous Region @ 10% i.e. on Rs. 4.74										0.47
												5.21
		cost per sqm							4.74			5.21

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.39		Skipping concrete in wells										
		LABOUR										
		Taking output	5.5	cum								
(i)		Brick Mason Layer (1st Class)			each	2.00	223.36	447.00				
(ii)		Mazdoor women			each	10.00	136.69	1367.00				
		Total-II						1814.00				
		Sunderies such as water @ 3% i.e. on Rs. 1814						54.42				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 1868.42						401.71				
		Labour cess on cost of labour @ 1% i.e. on Rs. 2270.13						22.70				
		Labour for	5.5	cum				2292.83				
		Labour for	1	cum				416.88	416.88			416.88
		Add Submountainous Region @ 10% i.e. on Rs. 416.88										41.69
												458.57
		cost per cum							416.88			458.57

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.40		Reinforced cement concrete work had mixed 1:2:4 for well caps excluding steel reinforcement in laid in position complete in all respects in square rectangular polygonal circular and elliptical wells								
(a)		For well plugged upto top								
		Unit	1	cum						
I		MATERIALS								
(i)		Cement concrete 1:2:4								
		Rate as per item No. 10.12 (i)		cum	1.00	2186.75	2186.75			
		Total-I					2186.75			
		Add contractor's profit @ 10% i.e. on Rs. 2186.75					218.68			
		Labour cess on cost of material @ 1% i.e. on Rs. 2405.43					24.05			
		Total-I					2429.48			2429.48
II		LABOUR								
		Taking output	1	cum						
(i)		For reinforced cement concrete (rate as per item No. 10.14 (ii)		cum	1.00	484.13	484.13			
		Centring & shuttering Assuming a well cap 8.40m X 2.75m and 55cm thick over two wells 3.35m X 2.75 each 2.20m X 2.75 X 0.75 X 0.55 = 12.70 cum								
		(i) $2(8.4 + 2.75) 0.55 = 2.26$ sqm								
		(ii) $(8.7 \times 2.75) - (2 \times 3.35 \times 2.75) = 5.50$ sqm								
		Total 17.76 sqm								
		Total-II					484.13			
		Sunderies such as water @ 3% i.e. on Rs. 484.13					14.52			
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65					107.21			
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86					6.06			
		Labour for	1	cum			611.92			
		Labour for	1	cum			611.92		611.92	611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92								61.19
										673.11
		cost per cum							3041.40	3102.59

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.40		For wells not plugged upto top reinforced cement concrete										
(b)			Unit	1	cum							
		Rate as per item No. 10.12 (i)			cum	1.00	2186.75	2186.75				
		Total-I						2186.75				
		Add contractor's profit @ 10% i.e. on Rs. 2186.75						218.68				
		Labour cess on cost of material @ 1% i.e. on Rs. 2405.43						24.05				
		Total-I						2429.48	2429.48			2429.48
		LABOUR										
			Taking output	1	cum							
(i)		Labour Rate as per item No. 10.14 (ii)			cum	1.00	484.13	484.13				
		Total-II						484.13				
		Sunderies such as water @ 3% i.e. on Rs. 484.13						14.52				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 498.65						107.21				
		Labour cess on cost of labour @ 1% i.e. on Rs. 605.86						6.06				
			Labour for	1	cum			611.92				
			Labour for	1	cum			611.92	611.92			611.92
		Add Submountainous Region @ 10% i.e. on Rs. 611.92										61.19
												673.11
		cost per cum							3041.40			3102.59

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.41		Plain cement concrete 1:8:16 with stone ballast 40mm guage using 20% plum										
		Unit	1	cum								
I		Materials										
(i)		Cement			1 Bag	1.45	262.27	380.29				
(ii)		Sand			cum	0.40	200.59	80.24				
(iii)		Stone ballast			cum	0.80	425.22	340.18				
(iv)		20% Plum			cum	0.24	180.00	43.20				
		Total-I						843.91				
		Add contractor's profit @ 10% i.e. on Rs. 843.91						84.39				
		Labour cess on cost of material @ 1% i.e. on Rs. 928.3						9.28				
		Total-I						937.58	937.58			937.58
II		Labour										
		Taking output	34	cum								
		Labour per cum										
		Same as per item No. 10.3 (ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1267.79			1300.81

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.42		Plum cement concrete 1:6:12 with stone ballast 40mm gauge, using 20% plum										
		Unit	1	cum								
I		Materials										
(i)		Cement			50 Kg	1.85	262.27	485.20				
(ii)		Sand			cum	0.396	200.59	79.43				
(iii)		Stone ballast			cum	0.792	425.22	336.77				
(iv)		20% Plum			cum	0.24	180.00	43.20				
		Total-I						944.60				
		Add contractor's profit @ 10% i.e. on Rs. 944.6						94.46				
		Labour cess on cost of material @ 1% i.e. on Rs. 1039.06						10.39				
		Total-I						1049.45	1049.45			1049.45
II		Labour										
		Taking output	34	cum								
		Same as per item No. 10.3 (ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1379.66			1412.68

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.43		Plum cement concrete 1:5:10 with stone ballast 40mm gauge using 20 percent plum										
		Unit	1	cum								
I		Materials										
(i)		Cement			50 Kg	2.25	262.27	590.11				
(ii)		Sand			cum	0.392	200.59	78.63				
(iii)		Stone ballast			cum	0.784	425.22	333.37				
(iv)		20% Plum			cum	0.24	180.00	43.20				
		Total-I						1045.31				
		Add contractor's profit @ 10% i.e. on Rs. 1045.31						104.53				
		Labour cess on cost of material @ 1% i.e. on Rs. 1149.84						11.50				
		Total-I						1161.34	1161.34			1161.34
II		Labour										
		Taking output	34	cum								
		Same as per item No. 10.3 (ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1491.55			1524.57

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.44		Cement concrete 1:8:16 with brick ballast 20mm gauge in foundation and plinth										
		Unit	1	cum								
I		Materials										
(i)		Brick ballast including 5 Km. carriage			cum	1.00	641.23	641.23				
(ii)		Cement			50Kg	1.800	262.27	472.09				
(iii)		Sand			cum	0.500	200.59	100.30				
		Total-I						1213.62				
		Add contractor's profit @ 10% i.e. on Rs. 1213.62						121.36				
		Labour cess on cost of material @ 1% i.e. on Rs. 1334.98						13.35				
		Total-I						1348.33	1348.33			1348.33
II		Labour										
		Taking output	34	cum								
		Same as per item No. 10.6(ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1678.54			1711.56

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(b)		Cement concrete 1:8:16 with stone ballast 20mm guage in foundation and plinth										
		Unit	1	cum								
I		Materials										
(i)		Stone ballast including 5 Km. carriage			cum	1.00	425.22	425.22				
(ii)		Cement			50Kg	1.800	262.27	472.09				
(iii)		Sand			cum	0.500	200.59	100.30				
		Total-I						997.61				
		Add contractor's profit @ 10% i.e. on Rs. 997.61						99.76				
		Labour cess on cost of material @ 1% i.e. on Rs. 1097.37						10.97				
		Total-I						1108.34	1108.34			1108.34
II		Labour										
		Taking output	34	cum								
		Same as per item No. 10.6(ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1438.55			1471.57

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.45		Cement concrete 1:8:16 with brick ballast 32mm gauge in foundation and plinth										
		Unit	1	cum								
I		Materials										
(i)		Brick ballast including 5 Km. carriage			cum	1.00	641.23	641.23				
(ii)		Cement			50Kg	1.800	262.27	472.09				
(iii)		Sand			cum	0.500	200.59	100.30				
		Total-I						1213.62				
		Add contractor's profit @ 10% i.e. on Rs. 1213.62						121.36				
		Labour cess on cost of material @ 1% i.e. on Rs. 1334.98						13.35				
		Total-I						1348.33	1348.33			1348.33
II		Labour										
		Taking output	34	cum								
		Same as per item No. 10.6(ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1678.54			1711.56

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
(b)		Cement concrete 1:8:16 with stone ballast 32mm guage in foundation and plinth										
		Unit	1	cum								
I		Materials										
(i)		stone ballast including 5 Km. carriage			cum	1.00	425.22	425.22				
(ii)		Cement			50Kg	1.800	262.27	472.09				
(iii)		Sand			cum	0.500	200.59	100.30				
		Total-I						997.61				
		Add contractor's profit @ 10% i.e. on Rs. 997.61						99.76				
		Labour cess on cost of material @ 1% i.e. on Rs. 1097.37						10.97				
		Total-I						1108.34	1108.34			1108.34
II		Labour										
		Taking output	34	cum								
		Same as per item No. 10.6(ii)						8882.61				
		Total-II						8882.61				
		Sunderies such as water @ 3% i.e. on Rs. 8882.61						266.48				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 9149.09						1967.05				
		Labour cess on cost of labour @ 1% i.e. on Rs. 11116.14						111.16				
		Labour for	34	cum				11227.30				
		Labour for	1	cum				330.21	330.21			330.21
		Add Submountainous Region @ 10% i.e. on Rs. 330.21										33.02
												363.23
		cost per cum							1438.55			1471.57

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.46		Extra for mechanical mixer used by the contractor at his own cost.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					cum		48.00	48.00		48.00	48.00	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.47		Extra for vibrator used by the contractor at his own cost.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					cum		160.00	160.00		160.00	160.00	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.48		Extra for RCC work done in subsequent storey above the first storey upto height of 4 metres or part thereof upto the roof top level of that storey.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					cum		24.00	24.00		24.00	24.00	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.49		Extra for PCC work done in subsequent storey above the first storey upto height of 4 metres or part thereof upto the roof top level of that storey.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					cum		16.00	16.00		16.00	16.00	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.50		Extra for RCC work done above 4 metres height (where any single storey exceeds 4 metres in height) for every additional height of 2 metres or part thereof.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					cum		24.00	24.00		24.00	24.00	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.51		Extra for PCC work done above 4 metres height (where any single storey exceeds 4 metres in height) for every additional height of 2 metres or part thereof.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					cum		16.00	16.00		16.00	16.00	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.52		Extra for using admixture in designed mix concrete.					Labour Rate	Through Rate		Labour Rate	Through Rate	
					kg		49.50	49.50		49.50	49.50	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.53		Boring, providing and installing bored cast-in-situ reinforced cement concrete pile of specified diameter and length below the pile cap to carry a safe working load not less than specified, excluding the cost of concrete and steel reinforcement (The rates of concrete and steel reinforcement are to be taken for respective item of chapter No.10 & 18 respectively) but including the cost of boring with manual auger (without bentonite solution) and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. all complete as per BIS specifications/ codes, including removal of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap)										
a		200 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.50	190.00	95.00				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	5.00	149.97	749.85				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	2.00	250.00	500.00				
		Tipper			hour	0.25	300.00	75.00				
		Total-I						1434.99				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 1434.99						308.52				
		Labour cess on cost of material @ 1% i.e. on Rs. 1743.51						17.44				
		Total-I						1760.95				
			Cost for	10	m			1760.95				
			Cost for	1	m			176.10	176.10			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		250 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.50	190.00	95.00				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	6.00	149.97	899.82				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	2.00	250.00	500.00				
		Tipper			hour	0.25	300.00	75.00				
		Total-I						1584.96				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 1584.96						340.77				
		Labour cess on cost of material @ 1% i.e. on Rs. 1925.73						19.26				
		Total-I						1944.99				
			Cost for	10	m			1944.99				
			Cost for	1	m			194.50	194.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		300 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.50	190.00	95.00				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	7.00	149.97	1049.79				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	2.50	250.00	625.00				
		Tipper			hour	0.25	300.00	75.00				
		Total-I						1859.93				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 1859.93						399.88				
		Labour cess on cost of material @ 1% i.e. on Rs. 2259.81						22.60				
		Total-I						2282.41				
			Cost for	10	m			2282.41				
			Cost for	1	m			228.24	228.24			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
d		400 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.75	190.00	142.50				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	8.00	149.97	1199.76				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	3.00	250.00	750.00				
		Tipper			hour	0.35	300.00	105.00				
		Total-I						2212.40				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 2212.4						475.67				
		Labour cess on cost of material @ 1% i.e. on Rs. 2688.07						26.88				
		Total-I						2714.95				
			Cost for	10	m			2714.95				
			Cost for	1	m			271.50	271.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
e		450 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.75	190.00	142.50				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	10.00	149.97	1499.70				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	3.50	250.00	875.00				
		Tipper			hour	0.35	300.00	105.00				
		Total-I						2637.34				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 2637.34						567.03				
		Labour cess on cost of material @ 1% i.e. on Rs. 3204.37						32.04				
		Total-I						3236.41				
			Cost for	10	m			3236.41				
			Cost for	1	m			323.64	323.64			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
f		500 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.10	190.00	19.00				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	12.00	149.97	1799.64				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	4.00	250.00	1000.00				
		Tipper			hour	0.40	300.00	120.00				
		Total-I						2953.78				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 2953.78						635.06				
		Labour cess on cost of material @ 1% i.e. on Rs. 3588.84						35.89				
		Total-I						3624.73				
			Cost for	10	m			3624.73				
			Cost for	1	m			362.47	362.47			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
g		600 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		Labour										
(i)		Supervisor			day	0.10	151.44	15.14				
(ii)		Brick mason (2nd Class)			day	0.10	190.00	19.00				
(iii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	16.00	149.97	2399.52				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	5.00	250.00	1250.00				
		Tipper			hour	0.50	300.00	150.00				
		Total-I						3833.66				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 3833.66						824.24				
		Labour cess on cost of material @ 1% i.e. on Rs. 4657.9						46.58				
		Total-I						4704.48				
			Cost for	10	m			4704.48				
			Cost for	1	m			470.45	470.45			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.54		Extra for providing under reamed bulb as per BIS specifications/ codes.										
a		200 mm Dia pile										
			Unit	1	Bulb							
		Labour										
(i)		Brick mason (2nd Class)			day	0.075	190.00	14.25				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.33	149.97	49.49				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.33	250.00	82.50				
		Total-I						146.24				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 146.24						31.44				
		Labour cess on cost of material @ 1% i.e. on Rs. 177.68						1.78				
		Total-I						179.46				
			Cost for	1	Bulb			179.46				
			Cost for	1	Bulb			179.46	179.46			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		250 mm Dia pile										
		Unit	1	Bulb								
		Labour										
(i)		Brick mason (2nd Class)			day	0.075	190.00	14.25				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.33	149.97	49.49				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.40	250.00	100.00				
		Total-I						163.74				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 163.74						35.20				
		Labour cess on cost of material @ 1% i.e. on Rs. 198.94						1.99				
		Total-I						200.93				
		Cost for	1	Bulb				200.93				
		Cost for	1	Bulb				200.93	200.93			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		300 mm Dia pile										
		Unit	1	Bulb								
		Labour										
(i)		Brick mason (2nd Class)			day	0.075	190.00	14.25				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.33	149.97	49.49				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.50	250.00	125.00				
		Total-I						188.74				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 188.74						40.58				
		Labour cess on cost of material @ 1% i.e. on Rs. 229.32						2.29				
		Total-I						231.61				
		Cost for	1	Bulb				231.61				
		Cost for	1	Bulb				231.61	231.61			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
d		400 mm Dia pile										
			Unit	1	Bulb							
		Labour										
(i)		Brick mason (2nd Class)			day	0.10	190.00	19.00				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.40	149.97	59.99				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.50	250.00	125.00				
		Total-I						203.99				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 203.99						43.86				
		Labour cess on cost of material @ 1% i.e. on Rs. 247.85						2.48				
		Total-I						250.33				
			Cost for	1	Bulb			250.33				
			Cost for	1	Bulb			250.33	250.33			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
e		450 mm Dia pile										
		Unit	1	Bulb								
		Labour										
(i)		Brick mason (2nd Class)			day	0.10	190.00	19.00				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.50	149.97	74.99				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.50	250.00	125.00				
		Total-I						218.99				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 218.99						47.08				
		Labour cess on cost of material @ 1% i.e. on Rs. 266.07						2.66				
		Total-I						268.73				
		Cost for	1	Bulb				268.73				
		Cost for	1	Bulb				268.73	268.73			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
f		500 mm Dia pile										
		Unit	1	Bulb								
		Labour										
(i)		Brick mason (2nd Class)			day	0.10	190.00	19.00				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.60	149.97	89.98				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.60	250.00	150.00				
		Total-I						258.98				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 258.98						55.68				
		Labour cess on cost of material @ 1% i.e. on Rs. 314.66						3.15				
		Total-I						317.81				
		Cost for	1	Bulb				317.81				
		Cost for	1	Bulb				317.81	317.81			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
g		600 mm Dia pile										
		Unit	1	Bulb								
		Labour										
(i)		Brick mason (2nd Class)			day	0.10	190.00	19.00				
(ii)		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.70	149.97	104.98				
		MACHINERY										
		Tripod Stand, auger and extension rods etc.			hour	0.60	250.00	150.00				
		Total-I						273.98				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 273.98						58.91				
		Labour cess on cost of material @ 1% i.e. on Rs. 332.89						3.33				
		Total-I						336.22				
		Cost for	1	Bulb				336.22				
		Cost for	1	Bulb				336.22	336.22			

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.55		Extra for using Bentonite slury with Bentonite pump in case of unstable bore								
a		200 mm Dia pile								
		Unit	1	m						
		Taking Output	10	m						
		MATERIAL								
i		Bentonite		tonne	0.0875	4100.00	358.75			
		Add contractor's profit @ 10% i.e. on Rs. 358.75					35.88			
		Labour cess on cost of material @ 1% i.e. on Rs. 394.63					3.95			
		Total-I					398.58			
		Taking output	10	m			398.58			
		Cost for	1	m			39.86	39.86		
		LABOUR								
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)		day	0.50	149.97	74.99			
		MACHINERY								
i		Auger and extension rods etc.		hour	3.00	250.00	750.00			
		Total-I					824.99			
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 824.99					177.37			
		Labour cess on cost of material @ 1% i.e. on Rs. 1002.36					10.02			
		Labour for	10	m			1012.38			
		Labour for	1	m			101.24	101.24		
								141.10		

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		250 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		MATERIAL										
i		Bentonite			tonne	0.0875	4100.00	358.75				
		Add contractor's profit @ 10% i.e. on Rs. 358.75						35.88				
		Labour cess on cost of material @ 1% i.e. on Rs. 394.63						3.95				
		Total-I						398.58				
			Taking output	10	m			398.58				
			Cost for	1	m			39.86	39.86			
		LABOUR										
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.50	149.97	74.99				
		MACHINERY										
i		Auger and extension rods etc.			hour	3.00	250.00	750.00				
		Total-I						824.99				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 824.99						177.37				
		Labour cess on cost of material @ 1% i.e. on Rs. 1002.36						10.02				
			Labour for	10	m			1012.38				
			Labour for	1	m			101.24	101.24			
									141.10			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		300 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		MATERIAL										
i		Bentonite			tonne	0.126	4100.00	516.60				
		Add contractor's profit @ 10% i.e. on Rs. 516.6						51.66				
		Labour cess on cost of material @ 1% i.e. on Rs. 568.26						5.68				
		Total-I						573.94				
			Taking output	10	m			573.94				
			Cost for	1	m			57.39	57.39			
		LABOUR										
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	0.75	149.97	112.48				
		MACHINERY										
i		Auger and extension rods etc.			hour	6.00	250.00	1500.00				
		Total-I						1612.48				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 1612.48						346.68				
		Labour cess on cost of material @ 1% i.e. on Rs. 1959.16						19.59				
			Labour for	10	m			1978.75				
			Labour for	1	m			197.88	197.88			
									255.27			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
d		400 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		MATERIAL										
i		Bentonite			tonne	0.196	4100.00	803.60				
		Add contractor's profit @ 10% i.e. on Rs. 803.6						80.36				
		Labour cess on cost of material @ 1% i.e. on Rs. 883.96						8.84				
		Total-I						892.80				
			Taking output	10	m			892.80				
			Cost for	1	m			89.28	89.28			
		LABOUR										
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	1.00	149.97	149.97				
		MACHINERY										
i		Auger and extension rods etc.			hour	7.00	250.00	1750.00				
		Total-I						1899.97				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 1899.97						408.49				
		Labour cess on cost of material @ 1% i.e. on Rs. 2308.46						23.08				
			Labour for	10	m			2331.54				
			Labour for	1	m			233.15	233.15			
									322.43			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
e		450 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		MATERIAL										
i		Bentonite			tonne	0.25	4100.00	1025.00				
		Add contractor's profit @ 10% i.e. on Rs. 1025						102.50				
		Labour cess on cost of material @ 1% i.e. on Rs. 1127.5						11.28				
		Total-I						1138.78				
			Taking output	10	m			1138.78				
			Cost for	1	m			113.88	113.88			
		LABOUR										
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	1.00	149.97	149.97				
		MACHINERY										
i		Auger and extension rods etc.			hour	8.00	250.00	2000.00				
		Total-I						2149.97				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 2149.97						462.24				
		Labour cess on cost of material @ 1% i.e. on Rs. 2612.21						26.12				
			Labour for	10	m			2638.33				
			Labour for	1	m			263.83	263.83			
									377.71			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
f		500 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		MATERIAL										
i		Bentonite			tonne	0.28	4100.00	1148.00				
		Add contractor's profit @ 10% i.e. on Rs. 1148						114.80				
		Labour cess on cost of material @ 1% i.e. on Rs. 1262.8						12.63				
		Total-I						1275.43				
			Taking output	10	m			1275.43				
			Cost for	1	m			127.54	127.54			
		LABOUR										
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	1.25	149.97	187.46				
		MACHINERY										
i		Auger and extension rods etc.			hour	9.00	250.00	2250.00				
		Total-I						2437.46				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 2437.46						524.05				
		Labour cess on cost of material @ 1% i.e. on Rs. 2961.51						29.62				
			Labour for	10	m			2991.13				
			Labour for	1	m			299.11	299.11			
									426.65			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
g		600 mm Dia pile										
			Unit	1	m							
			Taking Output	10	m							
		MATERIAL										
i		Bentonite			tonne	0.35	4100.00	1435.00				
		Add contractor's profit @ 10% i.e. on Rs. 1435						143.50				
		Labour cess on cost of material @ 1% i.e. on Rs. 1578.5						15.79				
		Total-I						1594.29				
			Taking output	10	m			1594.29				
			Cost for	1	m			159.43	159.43			
		LABOUR										
i		Mazdoor (Semi Skilled) (Upper) (Semi Skilled) (Upper)			day	1.50	149.97	224.96				
		MACHINERY										
i		Auger and extension rods etc.			hour	11.00	250.00	2750.00				
		Total-I						2974.96				
		Add overhead charges & contractor profit @21.50% i.e. on Rs. 2974.96						639.62				
		Labour cess on cost of material @ 1% i.e. on Rs. 3614.58						36.15				
			Labour for	10	m			3650.73				
			Labour for	1	m			365.07	365.07			
									524.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.56		Providing precast cement concrete Jali 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete excluding plastering of the jambs, sills and soffits.										
	a	50 mm thick										
		Details of cost for jali 2.00mx0.75m = 1.50 sqm. of jali										
			Unit	1	sqm.							
			Taking Output	1.5	sqm.							
		Materials										
		Cost of jali.			sqm	1.5	407.95	611.93				
		Total-I						611.93				
		Sunderies @ 2% i.e. on Rs. 611.93						12.24				
		Add contractor's profit @ 10% i.e. on Rs. 624.17						62.42				
		Labour cess on cost of material @ 1% i.e. on Rs. 686.59						6.87				
		Total-I						693.46				
			Cost for	1.5	sqm.			693.46				
			Cost for	1	sqm.			462.31	462.31			462.31
II		LABOUR										
			Taking output	1.5	sqm.							
(i)		Brick Mason Layer (1st Class)			day	0.30	223.36	67.01				
(ii)		Brick mason (2nd Class)			day	0.30	190.00	57.00				
(iii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			day	1.08	136.69	147.63				
		Total-II						271.64				
		Sunderies such as water @ 3% i.e. on Rs. 271.64						8.15				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 279.79						60.15				
		Labour cess on cost of labour @ 1% i.e. on Rs. 339.94						3.40				
			Labour for	1.5	sqm.			343.34				
			Labour for	1	sqm.			228.89	228.89			228.89
		Add Submountainous Region @ 10% i.e. on Rs. 228.89										22.89
												251.78
		cost per sqm							691.20			714.09

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
	b	40 mm thick										
			Unit	1	sqm.							
			Taking Output	0.75	sqm.							
		Materials										
		Cost of jali			sqm	0.75	326.05	244.54				
		Total-I						244.54				
		Sunderies @ 2% i.e. on Rs. 244.54						4.89				
		Add contractor's profit @ 10% i.e. on Rs. 249.43						24.94				
		Labour cess on cost of material @ 1% i.e. on Rs. 274.37						2.74				
		Total-I						277.11				
			Cost for	0.75	sqm.			277.11				
			Cost for	1	sqm.			369.48	369.48			369.48
II		LABOUR										
			Taking output	0.75	sqm.							
(i)		Brick Mason Layer (1st Class)			day	0.12	223.36	26.80				
(ii)		Brick mason (2nd Class)			day	0.12	190.00	22.80				
(iii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			day	0.50	136.69	68.35				
		Total-II						117.95				
		Sunderies such as water @ 3% i.e. on Rs. 117.95						3.54				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 121.49						26.12				
		Labour cess on cost of labour @ 1% i.e. on Rs. 147.61						1.48				
			Labour for	0.75	sqm.			149.09				
			Labour for	1	sqm.			198.79	198.79			198.79
		Add Submountainous Region @ 10% i.e. on Rs. 198.79										19.88
												218.67
			cost per sqm						568.27			588.15

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		25 mm thick										
			Unit	1	sqm.							
			Taking Output	0.375	sqm.							
		Materials										
		Cost of jali			sqm	0.375	231.25	86.72				
		Total-I						86.72				
		Sunderies @ 2% i.e. on Rs. 86.72						1.73				
		Add contractor's profit @ 10% i.e. on Rs. 88.45						8.85				
		Labour cess on cost of material @ 1% i.e. on Rs. 97.3						0.97				
		Total-I						98.27				
			Cost for	0.375	sqm.			98.27				
			Cost for	1	sqm.			262.05	262.05			262.05
II		LABOUR										
			Taking output	0.375	sqm.							
(i)		Brick Mason Layer (1st Class)			day	0.06	223.36	13.40				
(ii)		Brick mason (2nd Class)			day	0.06	190.00	11.40				
(iii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			day	0.25	136.69	34.17				
		Total-II						58.97				
		Sunderies such as water @ 3% i.e. on Rs. 58.97						1.77				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 60.74						13.06				
		Labour cess on cost of labour @ 1% i.e. on Rs. 73.8						0.74				
			Labour for	0.375	sqm.			74.54				
			Labour for	1	sqm.			198.77	198.77			198.77
		Add Submountainous Region @ 10% i.e. on Rs. 198.77										19.88
												218.65
			cost per sqm						460.82			480.70

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
10.57		Extra for laying reinforced cement concrete in or under water and/ or liquid mud including cost of pumping or bailing out water and removing slush etc., complete.								
		Details of cost for depth of water 0.30m. Quantity of concrete = 14 cum pumping hours = 3 hrs. or 0.375 day.								
		Unit (14 cum per 1 M Depth)	1	cum						
		Taking Output (14 cum per 0.30 M Depth)	14	cum						
		Cost of pumping water with 3636.7 litres per hour capacity pump		day	0.375	247.50	92.81			
		Mazdoor (Un-Skilled)/Chowkidar/Cleaner for claening slush		day	4	136.69	546.76			
		Total-II					639.57			
		Sunderies @ 2% i.e. on Rs. 639.57					12.79			
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 652.36					140.26			
		Labour cess on cost of labour @ 1% i.e. on Rs. 792.62					7.93			
		(14*0.30) Labour for	4.20	cum			800.55			
		Labour for	1	cum			190.61		190.61	

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.58		Extra for laying PCC/RCC in or under foul positions										
		Details of cost for 1 cum Extra labour due to slow progress-										
		Labour										
			Unit	1	cum							
(i)		Brick Mason Layer (1st Class)			day	0.02	223.36	4.47				
(ii)		Brick mason (2nd Class)			day	0.02	190.00	3.80				
(iii)		Mazdoor (Un-Skilled)/Chowkidar/Cleaner			day	0.40	136.69	54.68				
		Total-II						62.95				
		Sunderies @ 2% i.e. on Rs. 62.95						1.26				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 64.21						13.81				
		Labour cess on cost of labour @ 1% i.e. on Rs. 78.02						0.78				
			Labour for	1	cum			78.80	78.80			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.59	DSR-5.33	Providing and laying in position reinforced cement concrete using batch mixing plant design mix of M-20 grade by using 375kg of cement per cum, laying but excluding the cost of centring, shuttering, reinforcement in superstructure, as per direction of Engineer-in-charge.										
		Unit	1	cum								
		Material										
		Stone Aggregate 20 mm .			cum	0.57	435.24	248.09				
		Stone aggregate 10mm			cum	0.28	435.24	121.87				
		Coarse sand			cum	0.425	280.73	119.31				
		Cement			Bag	8.50	200.59	1705.02				
		Total-I						2194.29				
		Sunderies @ 2% i.e. on Rs. 2194.29						43.89				
		Add contractor's profit @ 10% i.e. on Rs. 2238.18						223.82				
		Labour cess on cost of material @ 1% i.e. on Rs. 2462						24.62				
		Total-I						2486.62	2486.62			2486.62
		Labour										
(i)		Brick mason (2nd Class)			day	0.17	190.00	32.30				
(ii)		Mazdoor (Semi Skilled) (Upper)			day	2.00	149.97	299.94				
(iii)		Bhisti with Mushak			day	0.90	173.76	156.38				
(iv)		Vibrator			day	0.07	360.00	25.20				
		Production cost of concrete by batch mix plant			cum	0.033	72.03	2.38				
		Total-II						516.20				
		Sunderies such as water @ 3% i.e. on Rs. 516.2						15.49				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 531.69						114.31				
		Labour cess on cost of labour @ 1% i.e. on Rs. 646						6.46				
		Labour for	1	cum				652.46	652.46			652.46
		Add Submountainous Region @ 10% i.e. on Rs. 652.46										65.25
												717.71
		cost per cum							3139.08			3204.33

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.60	DSR-5.12	Providing, hoisting and fixing in super structure for first storey precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring & shuttering, cost of 1:2:4 hand mixed (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) but excluding the cost of steel reinforcement.(Qty of each unit shall not exceed 0.04 cum)										
		Unit	1	cum								
		(A) Cement concrete 1:2:4 in string or lacing course etc-			cum	1	2186.75	2186.75				
		(A) (NB : Rate has been taken including cost of fixing in CM 1:2 as precast members are to be fixed in CM 1:2) (1 cement: 2 coarse sand) as per PWD specifications										
		Total-I						2186.75				
		Sunderies @ 2% i.e. on Rs. 2186.75						43.74				
		Add contractor's profit @ 10% i.e. on Rs. 2230.49						223.05				
		Labour cess on cost of material @ 1% i.e. on Rs. 2453.54						24.54				
		Total-I						2478.08	2478.08			2478.08
		Labour										
		Rate as per item No. 10.12-II			cum	1	261.25	261.25				
(i)		Brick Mason Layer (1st Class)			day	0.10	223.36	22.34				
(ii)		Brick mason (2nd Class)			day	0.20	190.00	38.00				
(iii)		Mazdoor (Semi Skilled) (Upper)			day	0.04	149.97	6.00				
(iv)		Bhisti with Mushak			day	0.04	173.76	6.95				
(v)		Mate			day	0.04	151.44	6.06				
		Total-II						340.60				
		Sunderies such as water @ 3% i.e. on Rs. 340.6						10.22				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 350.82						75.43				
		Labour cess on cost of labour @ 1% i.e. on Rs. 426.25						4.26				
		Labour for	1	cum				430.51				
		Labour for	1	cum				430.51	430.51			430.51
		Add Submountainous Region @ 10% i.e. on Rs. 430.51										43.05
												473.56
		cost per sqm							2908.59			2951.64

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.61	DSR-5.13	Providing, hoisting and fixing in super structure for first storey precast reinforced cement concrete in small lintels not exceeding 1.5m clear span including the cost of required centring & shuttering, cost of 1:2:4 hand mixed (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size) but excluding the cost of steel reinforcement.(Qty of each unit shall not exceed 0.06cum)										
		Details of cost for a lintel:										
			Unit	1	cum							
			Taking Output	0.054	cum							
		1.5m clear span = 1.8x0.20x0.15 = 0.054 cum Cement Concrete 1:2:4 rate as per as item No. 10.12-1			cum	0.054	2186.75	118.08				
		Total-I						138.41				
		Sunderies @ 2% i.e. on Rs. 138.41						2.77				
		Add contractor's profit @ 10% i.e. on Rs. 141.18						14.12				
		Labour cess on cost of material @ 1% i.e. on Rs. 155.3						1.55				
		Total-I						156.85				
			Cost for	1	cum			2904.63	2904.63			2904.63
		Labour										
		Add extra labour for laying CC in RCC work										
		Rate as per item No. 10.12-II			cum	1	261.25	261.25				
(i)		Brick Mason Layer (1st Class)			day	0.092	223.36	20.55				
(ii)		Brick mason (2nd Class)			day	0.185	190.00	35.15				
(iii)		Mazdoor (Semi Skilled) (Upper)			day	0.037	149.97	5.55				
(iv)		Bhisti with Mushak			day	0.037	173.76	6.43				
(v)		Mate			day	0.037	151.44	5.60				
		Centring and shuttering (As per C.No.9.14)			sqm.	0.60	122.59	73.55				
		Finishing (Item No. as per C.No.15.2)			sqm.	0.90	28.59	25.73				
		Total-II						433.81				
		Sunderies such as water @ 3% i.e. on Rs. 433.81						13.01				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 446.82						96.07				
		Labour cess on cost of labour @ 1% i.e. on Rs. 542.89						5.43				
			Labour for	1	cum			548.32				
			Labour for	1	cum			548.32	548.32			548.32

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
		Add Submountainous Region @ 10% i.e. on Rs. 548.32										54.83
												603.15
		cost per cum							3452.95			3507.78

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.62	DSR-5.14	Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in mouldings as in cornices, windows sills etc. including setting in cement mortar 1:3 (1 cement : 3 coarse sand) cost of required centring, shuttering and finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding the cost of reinforcement with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).										
		Unit	1	cum								
		Taking Output	0.03	cum								
		Details of cost for 1mx0.20x0.15=0.03 cumCement concrete 1:2:4 rate as per as item No. 10.12-1			cum	0.030	2186.75	65.60				
		Total-I						65.60				
		Sunderies @ 2% i.e. on Rs. 65.6						1.31				
		Add contractor's profit @ 10% i.e. on Rs. 66.91						6.69				
		Labour cess on cost of material @ 1% i.e. on Rs. 73.6						0.74				
		Total-I (Cost for 0.03 cum)						74.34				
		Cost for	1	cum				2478.00	2478.00			2478.00
		Labour										
		Rate as per item No. 10.12-II			cum	1	261.25	261.25				
(i)		Brick Mason Layer (1st Class)			day	0.98	223.36	218.89				
(ii)		Mazdoor (Semi Skilled) (Upper)			day	1.58	149.97	236.95				
(iii)		Mazdoor (Semi Skilled) (Upper)			day	0.10	149.97	15.00				
		Centring and shuttering (As per C.No.9.14)			sqm.	0.36	122.59	44.13				
		Finishing (Item No. as per C.No.15.2)			sqm.	0.50	28.59	14.30				
		Total-II						790.52				
		Sunderies such as water @ 3% i.e. on Rs. 790.52						23.72				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 814.24						175.06				
		Labour cess on cost of labour @ 1% i.e. on Rs. 989.3						9.89				
		Labour for	1	cum				999.19				
		Labour for	1	cum				999.19	999.19			999.19
		Add Submountainous Region @ 10% i.e. on Rs. 999.19										99.92
												1099.11
		cost per cum							3477.19			3577.11

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.63	DSR-5.15	Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in lintels, beams and bressumers including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centring and shuttering and finishing smooth with 6 mm thick cement plaster 1:3(1 cement: 3 fine sand) on exposed surfaces but excluding the cost of reinforcement with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mjn nominal size).										
		Unit	1	cum								
		Taking Output	0.99	cum								
		Details of cost for beam 6.60m long 0.50m deep and 0.30m wide = 6.60x0.50x0.30 = 0.99 cum As per CSR item No. 10.12-I			cum	0.99	2186.75	2164.88				
		Total-I						2164.88				
		Sunderies @ 2% i.e. on Rs. 2164.88						43.30				
		Add contractor's profit @ 10% i.e. on Rs. 2208.18						220.82				
		Labour cess on cost of material @ 1% i.e. on Rs. 2429						24.29				
		Total-I						2453.29				
		Cost for	1	cum				2478.07	2478.07			2478.07
		Labour										
		Extra labour for layin cement concrete in RCC work										
		Rate as per item No. 10.12-II			cum	1	261.25	261.25				
(i)		Brick Mason Layer (Ist Class)			day	0.40	223.36	89.34				
(ii)		Mazdoor (Semi Skilled) (Upper)			day	1.21	149.97	181.46				
		Centring and shuttering (As per C.No.9.14)			sqm.	6.90	122.59	845.87				
		Finishing (Item No. as per C.No.15.2)			sqm.	7.80	28.59	223.00				
		Total-II						1600.92				
		Sunderies such as water @ 3% i.e. on Rs. 1600.92						48.03				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 1648.95						354.52				
		Labour cess on cost of labour @ 1% i.e. on Rs. 2003.47						20.03				
		Labour for	1	cum				2023.50				
		Labour for	1	cum				2023.50	2023.50			2023.50
		Add Submountainous Region @ 10% i.e. on Rs. 2023.5										202.35

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
												2225.85
		cost per cum							4501.57			4703.92

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.64	DSR-5.16	Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in shelves including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centring, shuttering and finishing with neat cement punning on exposed surfaces but excluding the cost of reinforcement with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).										
		Unit	1	cum								
		Taking Output	0.0162	cum								
		Details of cost for one shelf 0.90x0.45x0.04m thick = 0.90x0.45x0.04m = 0.0162 cum As per CSR item No. 10.12-I			cum	0.0162	2186.75	35.43				
		Total-I						35.43				
		Sunderies @ 2% i.e. on Rs. 35.43						0.71				
		Add contractor's profit @ 10% i.e. on Rs. 36.14						3.61				
		Labour cess on cost of material @ 1% i.e. on Rs. 39.75						0.40				
		Total-I						40.15				
		Cost for	1	cum				2478.40	2478.40			2478.40
		Labour										
		Extra labour for layin cement concrete in RCC work										
		Rate as per item No. 10.12-II			cum	1	261.25	261.25				
(i)		Brick Mason Layer (1st Class)			day	0.037	223.36	8.26				
(ii)		Mazdoor (Semi Skilled) (Upper)			day	2.10	149.97	314.94				
		Centring and shuttering (As per C.No.9.14)			sqm.	0.11	122.59	13.48				
		Finishing (Item No. as per C.No.15.2)			sqm.	0.85	28.59	24.30				
		Total-II						622.23				
		Sunderies such as water @ 3% i.e. on Rs. 622.23						18.67				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 640.9						137.79				
		Labour cess on cost of labour @ 1% i.e. on Rs. 778.69						7.79				
		Labour for	1	cum				786.48				
		Labour for	1	cum				786.48	786.48			786.48
		Add Submountainous Region @ 10% i.e. on Rs. 786.48										78.65
												865.13
		cost per cum							3264.88			3343.53

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.65	DSR-5.17	Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in vertical & horizontal fins individually or forming box louvers setting in cement mortar 1:2 (1 cement : 2 coarse sand) including the cost of required centring, shuttering and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding the cost of reinforcement with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)										
		Unit	1	cum								
		Taking Output	0.66	cum								
		Details of cost for 4 RCC vertical fins 4m high at 1m centre to centre with two horizontal fins, all projecting 60cm from face of wall and 5cm thick cubical contents = 0.66 cum As per CSR item No. 10.12-I			cum	0.66	2186.75	1443.26				
		Total-I						1443.26				
		Sunderies @ 2% i.e. on Rs. 1443.26						28.87				
		Add contractor's profit @ 10% i.e. on Rs. 1472.13						147.21				
		Labour cess on cost of material @ 1% i.e. on Rs. 1619.34						16.19				
		Total-I						1635.53				
		Cost for	1	cum				2478.08	2478.08			2478.08
		Labour										
		Extra labour for lifting material upto floor V level										
		Rate as per item No. 10.12-II			cum	1	261.25	261.25				
(i)		Brick Mason Layer (1st Class)			day	0.04	223.36	8.93				
(ii)		Mazdoor (Semi Skilled) (Upper)			day	1.24	149.97	185.96				
		Centring and shuttering (As per C.No.9.14)			sqm.	2.56	122.59	313.83				

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
		Finishing (Item No. as per C.No.15.2)			sqm.	27.50	28.59	786.23				
		Total-II						1556.20				
		Sunderies such as water @ 3% i.e. on Rs. 1556.2						46.69				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 1602.89						344.62				
		Labour cess on cost of labour @ 1% i.e. on Rs. 1947.51						19.48				
		Labour for	1	cum				1966.99				
		Labour for	1	cum				1966.99	1966.99			1966.99
		Add Submountainous Region @ 10% i.e. on Rs. 1966.99										196.70
												2163.69
		cost per cum							4445.07			4641.77

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.66		Vertical load testing of piles in accordance with IS 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.										
			Unit	1	each							
a		Single pile upto 50 tonne capacity			each test	1.00	24500	24500.00				
		Initial test.										
		Total-I						24500.00				
		Add contractor's profit @ 10% i.e. on Rs. 24500						2450.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 26950						269.50				
		Total-I						27219.50				
		Cost for			1	test		27219.50	27219.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		Vertical load testing of piles in accordance with IS 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.										
			Unit	1	each							
		Single pile upto 50 tonne capacity			each test	1.00	14500	14500.00				
		Routine test.										
		Total-I						14500.00				
		Add contractor's profit @ 10% i.e. on Rs. 14500						1450.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 15950						159.50				
		Total-I						16109.50				
		Cost for			1	test		16109.50	16109.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		Vertical load testing of piles in accordance with IS 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.										
			Unit	1	each							
		Single pile above 50 tonne and upto 100 tonne capacity			each test	1.00	34500	34500.00				
		Initial test.										
		Total-I						34500.00				
		Add contractor's profit @ 10% i.e. on Rs. 34500						3450.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 37950						379.50				
		Total-I						38329.50				
		Cost for			1	test		38329.50	38329.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
d		Vertical load testing of piles in accordance with IS 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.										
			Unit	1	each							
		Single pile above 50 tonne and upto 100 tonne capacity			each test	1.00	22500	22500.00				
		Routing test.										
		Total-I						22500.00				
		Add contractor's profit @ 10% i.e. on Rs. 22500						2250.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 24750						247.50				
		Total-I						24997.50				
		Cost for			1	test		24997.50	24997.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
e		Vertical load testing of piles in accordance with IS 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.										
			Unit	1	each							
		Group of two or more piles upto 50 tonne			each test	1.00	47500	47500.00				
		Initial test.										
		Total-I						47500.00				
		Add contractor's profit @ 10% i.e. on Rs. 47500						4750.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 52250						522.50				
		Total-I						52772.50				
		Cost for			1	test		52772.50	52772.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
f		Vertical load testing of piles in accordance with IS 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.										
			Unit	1	each							
		Group of two or more piles upto 50 tonne			each test	1.00	29000	29000.00				
		Routing test.										
		Total-I						29000.00				
		Add contractor's profit @ 10% i.e. on Rs. 29000						2900.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 31900						319.00				
		Total-I						32219.00				
		Cost for			1	test		32219.00	32219.00			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.67		Cyclic vertical load testing of pile in accordance with IS code of practice IS : 2911 (part-IV) including preparation of pile head etc for.										
		Unit	1	each								
a		Single pile			each test	1.00	14500	14500.00				
		Upto 50 tonne capacity pile										
		Total-I						14500.00				
		Add contractor's profit @ 10% i.e. on Rs. 14500						1450.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 15950						159.50				
		Total-I						16109.50				
		Cost for	1	test				16109.50	16109.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		Cyclic vertical load testing of pile in accordance with IS code of practice IS : 2911 (part-IV) including preparation of pile head etc for.										
		Unit	1	each								
		Single pile			each test	1.00	22500	22500.00				
		Above 50 tonne and upto 100 tonne capacity pile										
		Total-I						22500.00				
		Add contractor's profit @ 10% i.e. on Rs. 22500						2250.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 24750						247.50				
		Total-I						24997.50				
		Cost for	1	test				24997.50	24997.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		Cyclic vertical load testing of pile in accordance with IS code of practice IS : 2911 (part-IV) including preparation of pile head etc for.										
		Unit	1	each								
		Group of two piles			each test	1.00	29000	29000.00				
		Upto 50 tonne capacity pile										
		Total-I						29000.00				
		Add contractor's profit @ 10% i.e. on Rs. 29000						2900.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 31900						319.00				
		Total-I						32219.00				
		Cost for	1	test				32219.00	32219.00			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.68	a	Lateral load testing of single pile in accordance with IS code of practice IS : 2911 (part-IV) for determining safe allowable lateral load on pile.										
		Unit	1	each								
		Upto 50 tonne capacity pile			each test	1.00	14500	14500.00				
		Total-I						14500.00				
		Add contractor's profit @ 10% i.e. on Rs. 14500						1450.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 15950						159.50				
		Total-I						16109.50				
		Cost for	1	test				16109.50	16109.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		Lateral load testing of single pile in accordance with IS code of practice IS : 2911 (part-IV) for determining safe allowable lateral load on pile.										
		Unit	1	each								
		Above 50 tonne and upto 100 tonne capacity pile			each test	1.00	22500	22500.00				
		Total-I						22500.00				
		Add contractor's profit @ 10% i.e. on Rs. 22500						2250.00				
		Labour cess on cost of material @ 1% i.e. on Rs. 24750						247.50				
		Total-I						24997.50				
		Cost for			1	test		24997.50	24997.50			

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.69		Add or deduct for providing richer or leaner mixes respectively at all floor levels.										
a		Providing M-30 grade concrete by using 450kg of cement per cum of concrete instead of M-25 grade BMC/RMC										
			Unit	1	cum							
		Material										
		Cement (450 - 425 = 25 kg = 0.50 bag)			Bag	0.50	262.27	131.14				
		Plasticizer (25kg x 0.5% = 0.0125 kg)			Kg	0.0125	35.48	0.44				
		Total-I						131.58				
		Add contractor's profit @ 10% i.e. on Rs. 131.58						13.16				
		Labour cess on cost of material @ 1% i.e. on Rs. 144.74						1.45				
		Total-I						146.19				
			Cost for	1	cum			146.19	146.19			146.19

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
b		Providing M-35 grade concrete by using 475kg of cement per cum of concrete instead of M-25 grade BMC/RMC										
		Unit	1	cum								
		Material										
		Cement (475 - 425 = 50 kg = 1.00 bag)			Bag	1.00	262.27	262.27				
		Plasticizer (50kg x 0.5% = 0.025 kg)			Kg	0.025	35.48	0.89				
		Total-I						263.16				
		Add contractor's profit @ 10% i.e. on Rs. 263.16						26.32				
		Labour cess on cost of material @ 1% i.e. on Rs. 289.48						2.89				
		Total-I						292.37				
		Cost for			1	cum		292.37	292.37			292.37

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
c		Providing M-40 grade concrete by using 500kg of cement per cum of concrete instead of M-25 grade BMC/RMC										
		Unit	1	cum								
		Material										
		Cement (500 - 425 = 75 kg = 1.50 bag)			Bag	1.50	262.27	393.41				
		Plasticizer (75kg x 0.5% = 0.0375 kg)			Kg	0.0375	35.48	1.33				
		Total-I						394.74				
		Add contractor's profit @ 10% i.e. on Rs. 394.74						39.47				
		Labour cess on cost of material @ 1% i.e. on Rs. 434.21						4.34				
		Total-I						438.55				
		Cost for	1	cum				438.55	438.55			438.55

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.70	DSR-5.37	Providing and laying in position ready mixed concrete M-20 grade by using cement 375kg. per cum manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead upto 1km having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work from transit mixer to site of laying including cost of admixtures in recommended proportions as per IS:9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability excluding the cost of centering, shuttering, reinforcement as per direction of the Engineer-in-charge.										
		Unit	1	cum								
		Materials.										
		Stone Aggregate 20 mm .			cum	0.57	435.24	248.09				
		Stone aggregate 10mm			cum	0.28	435.24	121.87				
		Coarse sand			cum	0.425	280.73	119.31				
		Cement			Bag	8.50	262.27	2229.30				
		Total-I						2718.57				
		Sunderies @ 2% i.e. on Rs. 2718.57						54.37				
		Add contractor's profit @ 10% i.e. on Rs. 2772.94						277.29				
		Labour cess on cost of material @ 1% i.e. on Rs. 3050.23						30.50				
		Total-I						3080.73	3080.73			3080.73
		Labour										
(i)		Mazdoor (Semi Skilled) (Upper)			day	0.17	149.97	25.49				
(ii)		Vibrator			day	0.90	360.00	324.00				
		Production cost of concrete by batch mix plant			cum	1	2160.00	2160.00				
		Cost of transit mixer for carriage of concrete.			cum	0.03	900.00	29.70				
		Total-II						2539.19				
		Sunderies such as water @ 3% i.e. on Rs. 2539.19						76.18				
		Add Overhead charges & contractor profit @ 21.50% i.e on Rs. 2615.37						562.30				
		Labour cess on cost of labour @ 1% i.e. on Rs. 3177.67						31.78				
		Labour for	1	cum				3209.45				
		Labour for	1	cum				3209.45	3209.45			3209.45
		Add Submountainous Region @ 10% i.e. on Rs. 3209.45										320.95
												3530.40

Sr. No.	Code No.	Description	Unit	Quantity	Plan			For Sub-Mountainous Region		
					Rate	Cost	Total	Rate	Cost	Total
1	2	3	4	5	6	7	8	9	10	11
		cost per cum					6290.18			6611.13

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.71		Extra for pumping charges of Batch Mix Concrete / Readimix concrete work upto floor 5 levels.										
		Unit	1	cum								
		Material										
		Pumping cahrges of concrete including hire charges of pump, piping work and accessories extra.			Hr.	0.20	247.50	49.50				
		Total-I						49.50				
		Sunderies @ 2% i.e. on Rs. 49.5						0.99				
		Add contractor's profit @ 10% i.e. on Rs. 50.49						5.05				
		Labour cess on cost of material @ 1% i.e. on Rs. 55.54						0.56				
		Total-I						56.10				
		Labour for	1	cum				56.10				
		Labour for	1	cum				56.10	56.10			56.10
		Add Submountainous Region @ 10% i.e. on Rs. 56.1										5.61
												61.71
		cost per cum							56.10			61.71

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.72		Extra for pumping charges Batch Mix Concrete/Readimix concrete work above floor V level for each four floors or part thereof.										
		Unit	1	cum								
		Material										
		Pumping cahrges of concrete including hire charges of pump, piping work and accessories extra.			Hr.	0.45	247.50	111.38				
		Total-I						111.38				
		Sunderies @ 2% i.e. on Rs. 111.38						2.23				
		Add contractor's profit @ 10% i.e. on Rs. 113.61						11.36				
		Labour cess on cost of material @ 1% i.e. on Rs. 124.97						1.25				
		Total-I						126.22				
		Labour for	1	cum				126.22				
		Labour for	1	cum				126.22	126.22			126.22
		Add Submountainous Region @ 10% i.e. on Rs. 126.22										12.62
												138.84
		cost per cum							126.22			138.84

Sr. No.	Code No.	Description			Unit	Quantity	Plan			For Sub-Mountainous Region		
							Rate	Cost	Total	Rate	Cost	Total
1	2	3			4	5	6	7	8	9	10	11
10.73		Extra for carriage of Readimix concrete beyond the initial lead of 10km.										
		Unit	1	cum								
		Material										
		Carriage per cum per km			cum/km	0.10	900.00	90.00				
		Assuming transit mixer will go to and from 10 Km + 10 Km. = 20 Km.										
		Total-I						90.00				
		Sunderies @ 2% i.e. on Rs. 90						1.80				
		Add contractor's profit @ 10% i.e. on Rs. 91.8						9.18				
		Labour cess on cost of material @ 1% i.e. on Rs. 100.98						1.01				
		Total-I						101.99				
		Labour for	1	cum				101.99				
		Labour for	1	cum				101.99	101.99			101.99
		Add Submountainous Region @ 10% i.e. on Rs. 101.99										10.20
												112.19
		cost per cum							101.99			112.19