

Input Chapter No.6

Item
No.

V) Powder and fuse etc
Carriage of earth by boat for 300mtr (Rate as per CSR item No. 5.1(i)) 22.50+2*4.87+7*2.62
Carriage of earth by boat beyond 300mtr to 500mtr & upto 750mtr (Rate as per CSR item No. 5.1(i)+5.2(i)) 7*2.62+75*0.5

108.00

108.00

50.58

50.58

55.84

55.84

Chapter No. 6

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
6.1		Earth work of silt clearance of Channelsand									
(a)		Kassi work undressed involving an average horizontal throw up to 2 meters and average vertical lift up to 0.5 meters									
		Unit	1	Cum							
		Labour :									
		Taking Out	400	Cum							
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)'s		Each	60.02	149.97	9001.20				
		Total -II					9001.20				
		Provision for water charges @ 1% i.e. on Rs. 9001.2					90.01				
		Sundries @ 1% i.e. on Rs. 9001.2					90.01				
		Add contractor's profit @ 21.50% i.e. on Rs. 9181.22					1973.96				
		Add Labour cess @ 1% i.e. on Rs. 11155.18					111.55				
		Labour for	400	Cum			11266.73				
		Labour for	1	Cum			28.17	28.17			
		Cost for	1	Cum				28.17			28.17
		Add 10% for sub mountainous region									2.82
		Labour for	1	Cum				28.17			30.99
		Cost for	1	Cum				28.17			30.99

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
(b)		Basket work with oombined lead upto 7.50 Metres undressed										
		Unit	1	Cum								
		Labour :										
		Taking Out	300	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)'s			Each	63.55	149.97	9530.59				
		Total -II						9530.59				
		Provision for water charges @ 1% i.e. on Rs. 9530.59						95.31				
		Sundries @ 1% i.e. on Rs. 9530.59						95.31				
		Add contractor's profit @ 21.50% i.e. on Rs. 9721.21						2090.06				
		Add Labour cess @ 1% i.e. on Rs. 11811.27						118.11				
		Labour for	300	Cum				11929.38				
		Labour for	1	Cum				39.76	39.76			
		Cost for	1	Cum					39.76			39.76
		Add 10% for sub mountainous region										3.98
		Labour for	1	Cum					39.76			43.74
		Cost for	1	Cum					39.76			43.74

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
(c)		Dressing for sub-item (a) and (b) supra										
		Unit	1	Cum								
		Labour :										
		Taking Out	500	Cum								
	L_34	(i) Mazdoor (Semi-Skilled) (Lower) (Dresser)			Each	7.06	143.81	1015.30				
		Total -II						1015.30				
		Provision for water charges @ 1% i.e. on Rs. 1015.3						10.15				
		Sundries @ 1% i.e. on Rs. 1015.3						10.15				
		Add contractor's profit @ 21.50% i.e. on Rs. 1035.6						222.65				
		Add Labour cess @ 1% i.e. on Rs. 1258.25						12.58				
		Labour for	500	Cum				1270.83				
		Labour for	1	Cum				2.54	2.54			
		Cost for	1	Cum					2.54			2.54
		Add 10% for sub mountainous region										0.25
		Labour for	1	Cum					2.54			2.79
		Cost for	1	Cum					2.54			2.79

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
(d)		Extra for every 7.5 metres additional lead										
		Unit	1	Cum								
		Labour :										
		Taking Out	700	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	4.94	149.97	740.85				
		Total -II						740.85				
		Provision for water charges @ 1% i.e. on Rs. 740.85						7.41				
		Sundries @ 1% i.e. on Rs. 740.85						7.41				
		Add contractor's profit @ 21.50% i.e. on Rs. 755.67						162.47				
		Add Labour cess @ 1% i.e. on Rs. 918.14						9.18				
		Labour for	700	Cum				927.32				
		Labour for	1	Cum				1.32	1.32			
		Cost for	1	Cum					1.32			1.32
		Add 10% for sub mountainous region										0.13
		Labour for	1	Cum					1.32			1.45
		Cost for	1	Cum					1.32			1.45

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
6.2		Earth work excavation in ordinary soil exclusive of compensation of earth work including breaking of clods										
(a)		Kassi work undressed involving an average horizontal throw up to 2 meters and average vertical lift up to 0.5 meters										
		Unit	1	Cum								
		Labour :										
		Taking Out	400	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)'s			Each	60.02	149.97	9001.20				
		Total -II						9001.20				
		Provision for water charges @ 1% i.e. on Rs. 9001.2						90.01				
		Sundries @ 1% i.e. on Rs. 9001.2						90.01				
		Add contractor's profit @ 21.50% i.e. on Rs. 9181.22						1973.96				
		Add Labour cess @ 1% i.e. on Rs. 11155.18						111.55				
		Labour for	400	Cum				11266.73				
		Labour for	1	Cum				28.17	28.17			
		Cost for	1	Cum					28.17			28.17
		Add 10% for sub mountainous region										2.82
		Labour for	1	Cum				28.17				30.99
		Cost for	1	Cum				28.17				30.99

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
(b)		Earth work undressed with a combined lead upto 15 Metres including breaking of clods										
		Unit	1	Cum								
		Labour :										
		Taking Out	200	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	42.37	149.97	6354.23				
		Total -II						6354.23				
		Provision for water charges @ 1% i.e. on Rs. 6354.23						63.54				
		Sundries @ 1% i.e. on Rs. 6354.23						63.54				
		Add contractor's profit @ 21.50% i.e. on Rs. 6481.31						1393.48				
		Add Labour cess @ 1% i.e. on Rs. 7874.79						78.75				
		Labour for	200	Cum				7953.54				
		Labour for	1	Cum				39.77	39.77			
		Cost for	1	Cum					39.77			39.77
		Add 10% for sub mountainous region										3.98
		Labour for	1	Cum					39.77			43.75
		Cost for	1	Cum					39.77			43.75

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
(c)		Lead										
(i)		Extra for every 7.50 metres additional lead beyod 15 metres but upto 300 metres										
		Unit	1	Cum								
		Labour :										
		Taking Out	800	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	7.06	149.97	1058.79				
		Total -II						1058.79				
		Provision for water charges @ 1% i.e. on Rs. 1058.79						10.59				
		Sundries @ 1% i.e. on Rs. 1058.79						10.59				
		Add contractor's profit @ 21.50% i.e. on Rs. 1079.97						232.19				
		Add Labour cess @ 1% i.e. on Rs. 1312.16						13.12				
		Labour for	800	Cum				1325.28				
		Labour for	1	Cum				1.66	1.66			
		Cost for	1	Cum					1.66			1.66
		Add 10% for sub mountainous region										0.17
		Labour for	1	Cum					1.66			1.83
		Cost for	1	Cum					1.66			1.83

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
(ii)		Extra for 7.50 metres additional lead beyond 300 metres but upto 450 metres										
		Unit	1	Cum								
		Labour :										
		Taking Out	1000	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	7.06	149.97	1058.79				
		Total -II						1058.79				
		Provision for water charges @ 1% i.e. on Rs. 1058.79						10.59				
		Sundries @ 1% i.e. on Rs. 1058.79						10.59				
		Add contractor's profit @ 21.50% i.e. on Rs. 1079.97						232.19				
		Add Labour cess @ 1% i.e. on Rs. 1312.16						13.12				
		Labour for	1000	Cum				1325.28				
		Labour for	1	Cum				1.33	1.33			
		Cost for	1	Cum					1.33			1.33
		Add 10% for sub mountainous region										0.13
		Labour for	1	Cum					1.33			1.46
		Cost for	1	Cum					1.33			1.46
(d)		Wet Earth work										
(i)		Extra for wet earth work from bottom of excavation upto level of sub soil water										
		Unit	1	Cum					7.04			7.75
(ii)		Extra for wet earth work from level of sub soil water upto 30 Cm above										
		Unit	1	Cum					4.23			4.65
(iii)		Extra for wet earth work for depth above 30 Cm of sub soil water level										
		Unit	1	Cum					2.82			3.10

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
(e)		Hardness										
(i)		Extra for hard soil with D.B.D. (Dry bulk density 1.60										
		Unit	1	Cum								
		Labour :										
		Taking Out	400	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	14.12	149.97	2117.58				
		Total -II						2117.58				
		Provision for water charges @ 1% i.e. on Rs. 2117.58						21.18				
		Sundries @ 1% i.e. on Rs. 2117.58						21.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 2159.94						464.39				
		Add Labour cess @ 1% i.e. on Rs. 2624.33						26.24				
		Labour for	400	Cum				2650.57				
		Labour for	1	Cum				6.63	6.63			
		Cost for	1	Cum					6.63			6.63
		Add 10% for sub mountainous region										0.66
		Labour for	1	Cum					6.63			7.29
		Cost for	1	Cum					6.63			7.29

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
(ii)		Extra for hard soil with D.B.D. (Dry bulk density 1.70										
		Unit	1	Cum								
		Labour :										
		Taking Out	250	Cum								

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
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	17.65	149.97	2646.97				
		Total -II						2646.97				
		Provision for water charges @ 1% i.e. on Rs. 2646.97						26.47				
		Sundries @ 1% i.e. on Rs. 2646.97						26.47				
		Add contractor's profit @ 21.50% i.e. on Rs. 2699.91						580.48				
		Add Labour cess @ 1% i.e. on Rs. 3280.39						32.80				
		Labour for	250	Cum				3313.19				
		Labour for	1	Cum				13.25	13.25			
		Cost for	1	Cum					13.25			13.25
		Add 10% for sub mountainous region										1.33
		Labour for	1	Cum				13.25				14.58
		Cost for	1	Cum				13.25				14.58
(iii)		Extra for D.B.D. upto 1.80										
		Unit	1	Cum					1.66			1.82
(iv)		Extra for D.B.D. above 1.8										
		Unit	1	Cum					19.89			3.65
(f)		Extra for pudding work										
		Unit	1	Cum								
		Labour :										
		Taking Out	200	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	35.31	149.97	5295.44				
		Total -II						5295.44				
		Provision for water charges @ 1% i.e. on Rs. 5295.44						52.95				
		Sundries @ 1% i.e. on Rs. 5295.44						52.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 5401.34						1161.29				
		Add Labour cess @ 1% i.e. on Rs. 6562.63						65.63				
		Labour for	200	Cum				6628.26				
		Labour for	1	Cum				33.14	33.14			
		Cost for	1	Cum					33.14			33.14
		Add 10% for sub mountainous region										3.31
		Labour for	1	Cum					33.14			36.45

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
		Cost for	1	Cum					33.14			36.45

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
(g)		Compaction										
(i)		Extra for laying earth as per specification for compaction in 20 Cum. Layers and dressing but excluding cost of rolling										
		Unit	1	Cum								
		Labour :										
		Taking Out	600	Cum								
L_33		(i) Mazdoor (Semi-Skilled) (Upper)			Each	7.06	149.97	1058.79				
L_34		(ii) Mazdoor (Semi-Skilled) (Lower) Dresser			Each	7.06	143.81	1015.30				
		Total -II						2074.09				
		Provision for water charges @ 1% i.e. on Rs. 2074.09						20.74				
		Sundries @ 1% i.e. on Rs. 2074.09						20.74				
		Add contractor's profit @ 21.50% i.e. on Rs. 2115.57						454.85				
		Add Labour cess @ 1% i.e. on Rs. 2570.42						25.70				
		Labour for	600	Cum				2596.12				
		Labour for	1	Cum				4.33	4.33			
		Cost for	1	Cum					4.33			4.33
		Add 10% for sub mountainous region										0.43
		Labour for	1	Cum					4.33			4.76
		Cost for	1	Cum					4.33			4.76

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
(ii)		Extra for watering the earth laid in 20 Cum layers as per specifications for compaction with water to be made, available by department at natural ground level opposite the site of compaction										
		Unit	1	Cum								
		Labour :										
		Taking Out	300	Cum								
	L_4	(i) Bhisti with Mushak			Each	4.71	173.76	818.41				
	L_33	(ii) Mazdoor (Semi Skilled) (Upper)			Each	1.17	149.97	175.46				
		Total -II						993.87				
		Provision for water charges @ 1% i.e. on Rs. 993.87						9.94				
		Sundries @ 1% i.e. on Rs. 993.87						9.94				
		Add contractor's profit @ 21.50% i.e. on Rs. 1013.75						217.96				
		Add Labour cess @ 1% i.e. on Rs. 1231.71						12.32				
		Labour for	300	Cum				1244.03				
		Labour for	1	Cum				4.15	4.15			
		Cost for	1	Cum					4.15			4.15
		Add 10% for sub mountainous region										0.42
		Labour for	1	Cum					4.15			4.57
		Cost for	1	Cum					4.15			4.57

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
(iii)		Extra for rolling to specifications										
		Unit Cum										
		Labour for Cum							36.50			40.15

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
h		Admixtues fo shingle or Kankar:										
(i)		Extra for admixture of shingle or kankar exceeding 10 percent but upto 20 percent										
		Unit	1	Cum								
		Labour :										
		Taking Out	300	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	13.24	149.97	1985.60				
		Total -II						1985.60				
		Provision for water charges @ 1% i.e. on Rs. 1985.6						19.86				
		Sundries @ 1% i.e. on Rs. 1985.6						19.86				
		Add contractor's profit @ 21.50% i.e. on Rs. 2025.32						435.44				
		Add Labour cess @ 1% i.e. on Rs. 2460.76						24.61				
		Labour for	300	Cum				2485.37				
		Labour for	1	Cum				8.28	8.28			
		Cost for	1	Cum					8.28			8.28
		Add 10% for sub mountainous region										0.83
		Labour for	1	Cum				8.28				9.11
		Cost for	1	Cum				8.28				9.11

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
(ii)		Extra for admixture of single or kankar exceeding 20. percent but upto 30 percent										
		Unit	1	Cum								
		Taking Out	400	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	28.24	149.97	4235.15				
		Total -II						4235.15				
		Provision for water charges @ 1% i.e. on Rs. 4235.15						42.35				
		Sundries @ 1% i.e. on Rs. 4235.15						42.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 4319.85						928.77				
		Add Labour cess @ 1% i.e. on Rs. 5248.62						52.49				
		Labour for	400	Cum				5301.11				
		Labour for	1	Cum				13.25	13.25			
		Cost for	1	Cum					13.25			13.25
		Add 10% for sub mountainous region										1.33
		Labour for	1	Cum				13.25				14.58
		Cost for	1	Cum				13.25				14.58

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
(iii)		Extra for admixture of single or kankar exceeding 30 percent but upto 40 percent										
		Unit	1	Cum								
		Labour :										
		Taking Out	800	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	91.80	149.97	13767.25				
		Total -II						13767.25				
		Provision for water charges @ 1% i.e. on Rs. 13767.25						137.67				
		Sundries @ 1% i.e. on Rs. 13767.25						137.67				
		Add contractor's profit @ 21.50% i.e. on Rs. 14042.59						3019.16				
		Add Labour cess @ 1% i.e. on Rs. 17061.75						170.62				
		Labour for	800	Cum				17232.37				
		Labour for	1	Cum				21.54	21.54			
		Cost for	1	Cum					21.54			21.54
		Add 10% for sub mountainous region										2.15
		Labour for	1	Cum					21.54			23.69
		Cost for	1	Cum					21.54			23.69

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
(i)		Extra for slush							24.00			24.00
		Unit 1 Cum										
		Labour for 1 Cum										
(k)		Extra for Daldal							40.00			40.00
		Unit 1 Cum										
		Labour for 1 Cum										

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
6.3		Dressing of Earth work										
(i)		New work or remodellingwork	1	Sqm					0.50			0.50
(ii)		Repair work										
		Unit	1	Sqm					0.70			0.70
(iii)		Sand only										
		Unit	1	Sqm								
									0.35			0.35

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
6.4		Extra For compensation for earth taken from										
		Unit	1	Cum					25.00			25.00

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
6.5		Earth work containing Gravel (in loose from in non cohesive binding meterial) work in excavation with occasional use of picks exclusive of compensation of earth undressed with combined lead upto 15 metres with per centage of gravel or Kankar										
(a)		40 Percent to 60 percent										
		Unit	1	Cum								
		Labour :										
		Taking Out	300	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	96.27	149.97	14437.61				
		Total -II						14437.61				
		Provision for water charges @ 1% i.e. on Rs. 14437.61						144.38				
		Sundries @ 1% i.e. on Rs. 14437.61						144.38				
		Add contractor's profit @ 21.50% i.e. on Rs. 14726.37						3166.17				
		Add Labour cess @ 1% i.e. on Rs. 17892.54						178.93				
		Labour for	300	Cum				18071.47				
		Labour for	1	Cum				60.24	60.24			
		Cost for	1	Cum					60.24			60.24
		Add 10% for sub mountainous region										6.02
		Labour for	1	Cum					60.24			66.26
		Cost for	1	Cum					60.24			66.26

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
(b)		Exceeding 60 percent but upto 80 percent										
		Unit	1	Cum								
		Taking Out	100	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	37.56	149.97	5632.87				
		Total -II						5632.87				
		Provision for water charges @ 1% i.e. on Rs. 5632.87						56.33				
		Sundries @ 1% i.e. on Rs. 5632.87						56.33				
		Add contractor's profit @ 21.50% i.e. on Rs. 5745.53						1235.29				
		Add Labour cess @ 1% i.e. on Rs. 6980.82						69.81				
		Labour for	100	Cum				7050.63				
		Labour for	1	Cum				70.51	70.51			
		Cost for	1	Cum					70.51			70.51
		Add 10% for sub mountainous region										7.05
		Labour for	1	Cum					70.51			77.56
		Cost for	1	Cum					70.51			77.56

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
(c)		Exceeding 80 percent but upto 100 percent										
		Unit	1	Cum								
		Taking Out	100	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	41.05	149.97	6156.27				
		Total -II						6156.27				
		Provision for water charges @ 1% i.e. on Rs. 6156.27						61.56				
		Sundries @ 1% i.e. on Rs. 6156.27						61.56				
		Add contractor's profit @ 21.50% i.e. on Rs. 6279.39						1350.07				
		Add Labour cess @ 1% i.e. on Rs. 7629.46						76.29				
		Labour for	100	Cum				7705.75				
		Labour for	1	Cum				77.06	77.06			
		Cost for	1	Cum					77.06			77.06
		Add 10% for sub mountainous region										7.71
		Labour for	1	Cum					77.06			84.77
		Cost for	1	Cum					77.06			84.77

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
(d)		Extra fpr every 7.5 metres additional lead										
		Unit	1	Cum								
		Labour :										
		Taking Out	1000	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	10.86	149.97	1628.67				
		Total -II						1628.67				
		Provision for water charges @ 1% i.e. on Rs. 1628.67						16.29				
		Sundries @ 1% i.e. on Rs. 1628.67						16.29				
		Add contractor's profit @ 21.50% i.e. on Rs. 1661.25						357.17				
		Add Labour cess @ 1% i.e. on Rs. 2018.42						20.18				
		Labour for	1000	Cum				2038.60				
		Labour for	1	Cum				2.04	2.04			
		Cost for	1	Cum					2.04			2.04
		Add 10% for sub mountainous region										0.20
		Labour for	1	Cum					2.04			2.24
		Cost for	1	Cum					2.04			2.24

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
(e)		Extra for wet earth work containing gravel above										
		Unit	1	Cum					6.02			6.63
(f)		Extra for earth work containing gravel										
		Unit	1	Cum					9.04			9.94
(g)		Extra for earth work containing gravel under										
		Unit	1	Cum					15.06			16.57
(h)		Extra for dressing earth work containing gravel										
		Unit	1	Sqm					0.70			0.70

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
6.6		Earth work in excavation in foundations:-										
		Unit	1	Cum								
		Taking Out	100	Cum								
		Earth work in excavation in foundations trenches etc. in all kinds of soil not involving Pick-Jumper work upto 2 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of excavation and subsequent										
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	35.31	149.97	5295.44				
		Total -II						5295.44				
		Provision for water charges @ 1% i.e. on Rs. 5295.44						52.95				
		Sundries @ 1% i.e. on Rs. 5295.44						52.95				
		Add contractor's profit @ 21.50% i.e. on Rs. 5401.34						1161.29				
		Add Labour cess @ 1% i.e. on Rs. 6562.63						65.63				
		Labour for	100	Cum				6628.26				
		Labour for	1	Cum				66.28	66.28			
		Cost for	1	Cum					66.28			66.28
		Add 10% for sub mountainous region										6.63
		Labour for	1	Cum					66.28			72.91
		Cost for	1	Cum					66.28			72.91
	Note	These rates are for building works upto quantity of 100 Cum only. For other works/quantity beyond 100 Cum, the rates shall be payable as per the Item including mechanical means Item No. 6.19.										

52.95

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
6.7		Earth work in excavation of foundations of bridges culverts, buildings including handling of material with a combined lead of 15 metres from the edge of excavation and asequent filling around										
(a)		For ordinary gravel soil involving pick work										
		Unit	1	Cum								
		Labour										
		Taking Out	100	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	50.89	149.97	7631.97				
		Total -II						7631.97				
		Provision for water charges @ 1% i.e. on Rs. 7631.97						76.32				
		Sundries @ 1% i.e. on Rs. 7631.97						76.32				
		Add contractor's profit @ 21.50% i.e. on Rs. 7784.61						1673.69				
		Add Labour cess @ 1% i.e. on Rs. 9458.3						94.58				
		Labour for	100	Cum				9552.88				
		Labour for	1	Cum				95.53	95.53			
		Cost for	1	Cum					95.53			95.53
		Add 10% for sub mountainous region										9.55
		Labour for	1	Cum					95.53			105.08
		Cost for	1	Cum					95.53			105.08

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
(b)		For semi-conglomerate soil of the nature of pick										
		Unit	1	Cum								
		Labour										
		Taking Out	300	Cum								
	L_7	(i) Blaster Jumpman			Each	105.93	151.44	16042.04				
	L_33	(ii) Mazdoor (Semi-Skilled) (Upper)s			Each	105.93	149.97	15886.32				
		Total -II						31928.36				
		Provision for water charges @ 1% i.e. on Rs. 31928.36						319.28				
		Sundries @ 1% i.e. on Rs. 31928.36						319.28				
		Add contractor's profit @ 21.50% i.e. on Rs. 32566.92						7001.89				
		Add Labour cess @ 1% i.e. on Rs. 39568.81						395.69				
		Labour for	300	Cum				39964.50				
		Labour for	1	Cum				133.22	133.22			
		Cost for	1	Cum					133.22			133.22
		Add 10% for sub mountainous region										13.32
		Labour for	1	Cum					133.22			146.54
		Cost for	1	Cum					133.22			146.54

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
(c)		For hard claycy soil or hard conglomerate or semi-rocky type of the nature of pick- jumper with occasional blasting										
		Unit	1	Cum								
		Labour										
		Taking Out	100	Cum								
	L_7	(i) Blaster / Jumpman			Each	7.06	151.44	1069.17				
	L_9	(ii) Breaker (Hole driller)			Each	7.05	151.44	1067.65				
	L_7	iii) Blaster /Jumpman			Each	3.53	151.44	534.58				
	L_35	iv) Mazdoor (Un-Skilled) Chowkidar / Cleaner / Digger			Each	2.00	136.69	273.38				
	L_35	v) Mazdoor (Un-Skilled) Chowkidar / Cleaner / Digger			Each	42.38	136.69	5792.92				
	L_35	vi) Mazdoor (Un-Skilled) Chowkidar / Cleaner / Digger			Each	17.66	136.69	2413.95				
		Vii) Powder and fuse etc			KG.	18.00	108.00	1944.00				
		Total -II						13095.65				
		Provision for water charges @ 1% i.e. on Rs. 13095.65						130.96				
		Sundries @ 1% i.e. on Rs. 13095.65						130.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 13357.57						2871.88				
		Add Labour cess @ 1% i.e. on Rs. 16229.45						162.29				
		Labour for	100	Cum				16391.74				
		Labour for	1	Cum				163.92	163.92			
		Cost for	1	Cum					163.92			163.92
		Add 10% for sub mountainous region										16.39
		Labour for	1	Cum					163.92			180.31
		Cost for	1	Cum					163.92			180.31

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
(d)		Extra for wet earth work above sub soil water level										
		Unit	1	Cum					9.55			10.51
(e)		Extra for Earth work under standing water										
		Unit	1	Cum					14.33			15.76
(f)		Extra for Earth work under flowing water										
		Unit	1	Cum					23.88			26.27

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
(g)		Extra for every 7.50 metres additional lead										
		Unit	1	Cum								
		Labour										
		Taking Out	400	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	4.34	149.97	650.87				
		Total -II						650.87				
		Provision for water charges @ 1% i.e. on Rs. 650.87						6.51				
		Sundries @ 1% i.e. on Rs. 650.87						6.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 663.89						142.74				
		Add Labour cess @ 1% i.e. on Rs. 806.63						8.07				
		Labour for	400	Cum				814.70				
		Labour for	1	Cum				2.04	2.04			
		Cost for	1	Cum					2.04			2.04
		Add 10% for sub mountainous region										0.20
		Labour for	1	Cum					2.04			2.24
		Cost for	1	Cum					2.04			2.24

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
6.8		Earth filling										
a(i)		Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% excavated from side the building plinth in 15 cm layers including remming, watering and consolidating lead upto 30 meters										
		Unit	1	Cum								
		Labour										
		Taking Out	200	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	21.18	149.97	3176.36				
	L_4	(ii) Bhisti with Mushak			Each	3.53	173.76	613.37				
		Total -II						3789.74				
		Provision for water charges @ 1% i.e. on Rs. 3789.74						37.90				
		Sundries @ 1% i.e. on Rs. 3789.74						37.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 3865.54						831.09				
		Add Labour cess @ 1% i.e. on Rs. 4696.63						46.97				
		Labour for	200	Cum				4743.60				
		Labour for	1	Cum				23.72	23.72			
		Cost for	1	Cum					23.72			23.72
		Add 10% for sub mountainous region										2.37
		Labour for	1	Cum					23.72			26.09
		Cost for	1	Cum					23.72			26.09

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
(ii)		Earth filling under floors with supflus soil containing more than 40% gravel or kankar excavated from foundation & taken only from out side the building plinth in 15 cm layers including ramming watering and consolidation lead upto 30 metres										
		Unit	1	Cum								
		Labour										
		Taking Out	112	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	21.18	149.97	3176.36				
	L_4	(ii) Bhisti with Mushak			Each	3.53	173.76	613.37				
		Total -II						3789.74				
		Provision for water charges @ 1% i.e. on Rs. 3789.74						37.90				
		Sundries @ 1% i.e. on Rs. 3789.74						37.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 3865.54						831.09				
		Add Labour cess @ 1% i.e. on Rs. 4696.63						46.97				
		Labour for	112	Cum				4743.60				
		Labour for	1	Cum				42.35	42.35			
		Cost for	1	Cum					42.35			42.35
		Add 10% for sub mountainous region										4.24
		Labour for	1	Cum					42.35			46.59
		Cost for	1	Cum					42.35			46.59

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
b(i)		Earth work (exclusive of compensation for earth) in excavation in ordinary soil or soil containing gravel or kankar upto 40% and filling in 15 cm layers in foundation and plinth including ramming watering and consolidating under floors with earth brought from a distance not exceeding 30 metres										
		Unit	1	Cum								
		Labour										
		Taking Out	100	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	23.56	149.97	3533.29				
	L_4	(ii) Bhisti with Mushak			Each	3.93	173.76	682.88				
		Total -II						4216.17				
		Provision for water charges @ 1% i.e. on Rs. 4216.17						42.16				
		Sundries @ 1% i.e. on Rs. 4216.17						42.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 4300.49						924.61				
		Add Labour cess @ 1% i.e. on Rs. 5225.1						52.25				
		Labour for	100	Cum				5277.35				
		Labour for	1	Cum				52.77	52.77			
		Cost for	1	Cum					52.77			52.77
		Add 10% for sub mountainous region										5.28
		Labour for	1	Cum					52.77			58.05
		Cost for	1	Cum					52.77			58.05

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
(ii)		Earth work in excavation in soil containing more than 40% gravel or kankar (Exclusive of compensation for earth) and filling' in 15 cm layers in foundation and plinth including ramming, wattering and consolidating under floors with earth brought from a d										
		Unit	1	Cum								
		Labour										
		Taking Out	72.2	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	23.56	149.97	3533.29				
	L_4	(ii) Bhisti with Mushak			Each	3.93	173.76	682.88				
		Total -II						4216.17				
		Provision for water charges @ 1% i.e. on Rs. 4216.17						42.16				
		Sundries @ 1% i.e. on Rs. 4216.17						42.16				
		Add contractor's profit @ 21.50% i.e. on Rs. 4300.49						924.61				
		Add Labour cess @ 1% i.e. on Rs. 5225.1						52.25				
		Labour for	72.2	Cum				5277.35				
		Labour for	1	Cum				73.07	73.07			
		Cost for	1	Cum					73.07			73.07
		Add 10% for sub mountainous region										7.31
		Labour for	1	Cum					73.07			80.38
		Cost for	1	Cum					73.07			80.38

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
C(i)		Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% taking outside the premises in 15 cm layers includng remming, watering and consolidated lead upto 1000 meters										
		Unit	1	Cum								
		Labour										
		Taking Out	1	Cum								
		Compansation of earth for taking out side the permises (Rate as per Item No.6.4)						25.00				
		Loading unloading of earth (Rate as per CSR item						18.29				
		Carriage of earth from out side the primises with an av. Lead of 1 km (Rate as per CSR item No.5.2(i))						68.18				
		Earth laying & compaction (Rate as per CSR item No.6.8a(i)						18.95				
		Total -II						130.42				
		Provision for water charges @ 1% i.e. on Rs. 130.42						1.30				
		Sundries @ 1% i.e. on Rs. 130.42						1.30				
		Add contractor's profit @ 21.50% i.e. on Rs. 133.02						28.60				
		Add Labour cess @ 1% i.e. on Rs. 161.62						1.62				
		Labour for	1	Cum				163.24				
		Labour for	1	Cum				163.24	163.24			
		Cost for	1	Cum					163.24			163.24
		Add 10% for sub mountainous region										16.32
		Labour for	1	Cum					163.24			179.56
		Cost for	1	Cum					163.24			179.56

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
(ii)		Earth filling under floors with supflus soil containing more than 40% taking outside the premises in 15 cm layers including ramming watering and consolidated lead upto 1000 metres										
		Unit	1	Cum								
		Labour										
		Taking Out	1	Cum								
		Compansation of earth for taking out side the permises (Rate as per Item No.6.4)						25.00				
		Loading unloading of earth (Rate as per CSR item No.4.1)						18.29				
		Carriage of earth from out side the primises with an av. Lead of 1 km (Rate as per CSR item No.5.2(i))						68.18				
		Earth laying & compaction (Rate as per CSR item No.6.8a(i))						33.84				
		Total -II						145.31				
		Provision for water charges @ 1% i.e. on Rs. 145.31						1.45				
		Sundries @ 1% i.e. on Rs. 145.31						1.45				
		Add contractor's profit @ 21.50% i.e. on Rs. 148.21						31.87				
		Add Labour cess @ 1% i.e. on Rs. 180.08						1.80				
		Labour for	1	Cum				181.88				
		Labour for	1	Cum				181.88	181.88			
		Cost for	1	Cum					181.88			181.88
		Add 10% for sub mountainous region										18.19
		Labour for	1	Cum					181.88			200.07
		Cost for	1	Cum					181.88			200.07

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
(d)		Extra for additional lead above 30 metres						As per				As per
		Labour						under				under
		Labour for 100 Cum						No. 6.2				No. 6.2
e (i)		Removal of slips from road side to out side road boundary into depressions with combined lead of 15 metres inclusive of cost of of explosive, compressed air T&P			Rates of items Nos. 7.0 to 7.10 to be paid according to type of work after reducing the rates by 10 percent				Rates of items Nos. 7.0 to 7.10 to be paid according to type of work after reducing the rates by 10 percent 2.10			
ii		Extra for every additional 7.5 metres lead above 15 metres	Cum					2.10				
		Unit 100 Cum										

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
6.9		Earth work over Roofs										
(a)		Earth work over roofs of one story building with good earth free of any admixture of foreign matter including breaking of clods, ramming watering dressing and horizontal lead upto 30 metres										
		Unit	1	Cum								
		Labour										
		Taking Out	200	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	91.80	149.97	13767.25				
		Total -II						13767.25				
		Provision for water charges @ 1% i.e. on Rs. 13767.25						137.67				
		Sundries @ 1% i.e. on Rs. 13767.25						137.67				
		Add contractor's profit @ 21.50% i.e. on Rs. 14042.59						3019.16				
		Add Labour cess @ 1% i.e. on Rs. 17061.75						170.62				
		Labour for	200	Cum				17232.37				
		Labour for	1	Cum				86.16	86.16			
		Cost for	1	Cum					86.16			86.16
		Add 10% for sub mountainous region										8.62
		Labour for	1	Cum					86.16			94.78
		Cost for	1	Cum					86.16			94.78

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
(b)		Extra for additional lead beyond 30 metres					As per rates under					As per
		Labour for 100 Cum					item no. 6.2 (c)					item no.

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
(c)		Extra for every additional storey										
		Unit	1	Cum								
		Labour										
		Taking Out	1000	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	28.24	149.97	4235.15				
		Total -II						4235.15				
		Provision for water charges @ 1% i.e. on Rs. 4235.15						42.35				
		Sundries @ 1% i.e. on Rs. 4235.15						42.35				
		Add contractor's profit @ 21.50% i.e. on Rs. 4319.85						928.77				
		Add Labour cess @ 1% i.e. on Rs. 5248.62						52.49				
		Labour for	1000	Cum				5301.11				
		Labour for	1	Cum				5.30	5.30			
		Cost for	1	Cum					5.30			5.30
		Add 10% for sub mountainous region										0.53
		Labour for	1	Cum					5.30			5.83
		Cost for	1	Cum					5.30			5.83

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
6.10		Earth work undressed by boats including hire of										
(a)		Digging and loading in boats within 15 metres lead										
		Unit	1	Cum								
		Labour										
		Taking Out	250	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	52.96	149.97	7942.41				
		Total -II						7942.41				
		Provision for water charges @ 1% i.e. on Rs. 7942.41						79.42				
		Sundries @ 1% i.e. on Rs. 7942.41						79.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 8101.25						1741.77				
		Add Labour cess @ 1% i.e. on Rs. 9843.02						98.43				
		Labour for	250	Cum				9941.45				
		Labour for	1	Cum				39.77	39.77			
		Cost for	1	Cum					39.77			39.77
		Add 10% for sub mountainous region										3.98
		Labour for	1	Cum					39.77			43.75
		Cost for	1	Cum					39.77			43.75

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
(b)		Carriage by boats upto 300 metres										
		Unit	1	Cum								
		Taking Out	100	Cum								
		8 No. of chains rate (as per CSR item No. 5.1(i))			Nos	1.00	50.58	50.58				
		Total -II						50.58				
		Provision for water charges @ 1% i.e. on Rs. 50.58						0.51				
		Sundries @ 1% i.e. on Rs. 50.58						0.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 51.6						11.09				
		Add Labour cess @ 1% i.e. on Rs. 62.69						0.63				
		Labour for	100	Cum				63.32				
		Labour for	1	Cum				0.63	0.63			
		Cost for	1	Cum					0.63			0.63
		Add 10% for sub mountainous region										0.06
		Labour for	1	Cum					0.63			0.69
		Cost for	1	Cum					0.63			0.69

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
(c)		Extra for distance beyond 300 metres and upto 750 metres (per 30 Metres										
		Unit	1	Cum								
		Labour										
		Taking Out	100	Cum								
		7 No. of chains + 250mtr (Rate as per CSR item No. 5 1(i)+5 2(i))			Nos.	1.00	55.84	55.84				
		Total -II						55.84				
		Provision for water charges @ 1% i.e. on Rs. 55.84						0.56				
		Sundries @ 1% i.e. on Rs. 55.84						0.56				
		Add contractor's profit @ 21.50% i.e. on Rs. 56.96						12.25				
		Add Labour cess @ 1% i.e. on Rs. 69.21						0.69				
		Labour for	100	Cum				69.90				
		Labour for	1	Cum				0.70	0.70			
		Cost for	1	Cum					0.70			0.70
		Add 10% for sub mountainous region										0.07
		Labour for	1	Cum					0.70			0.77
		Cost for	1	Cum					0.70			0.77

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
(d)		Unloading earth from boats										
		Unit	1	Cum								
		Labour										
		Taking out	300	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	34.43	149.97	5163.47				
		Total -II						5163.47				
		Provision for water charges @ 1% i.e. on Rs. 5163.47						51.63				
		Sundries @ 1% i.e. on Rs. 5163.47						51.63				
		Add contractor's profit @ 21.50% i.e. on Rs. 5266.73						1132.35				
		Add Labour cess @ 1% i.e. on Rs. 6399.08						63.99				
		Labour for	300	Cum				6463.07				
		Labour for	1	Cum				21.54	21.54			
		Cost for	1	Cum					21.54			21.54
		Add 10% for sub mountainous region										2.15
		Labour for	1	Cum					21.54			23.69
		Cost for	1	Cum					21.54			23.69

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
6.11		Earth work undressed by tramway or rail										
(a)		Digging and loading into tracks within 15 metres lead.										
		Unit	1	Cum								
		Labour										
		Taking out	250	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	52.96	149.97	7942.41				
		Total -II						7942.41				
		Provision for water charges @ 1% i.e. on Rs. 7942.41						79.42				
		Sundries @ 1% i.e. on Rs. 7942.41						79.42				
		Add contractor's profit @ 21.50% i.e. on Rs. 8101.25						1741.77				
		Add Labour cess @ 1% i.e. on Rs. 9843.02						98.43				
		Labour for	250	Cum				9941.45				
		Labour for	1	Cum				39.77	39.77			
		Cost for	1	Cum					39.77			39.77
		Add 10% for sub mountainous region										3.98
		Labour for	1	Cum					39.77			43.75
		Cost for	1	Cum					39.77			43.75

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
(b)		Hand shunting of N.G. Tip wegons (per 30 metres)										
		Unit	1	Cum								
		Taking out	100	Cum								
						2.65	80.00	212.00				
		Total -II						212.00				
		Provision for water charges @ 1% i.e. on Rs. 212						2.12				
		Sundries @ 1% i.e. on Rs. 212						2.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 216.24						46.49				
		Add Labour cess @ 1% i.e. on Rs. 262.73						2.63				
		Labour for	100	Cum				265.36				
		Labour for	1	Cum				2.65	2.65			
		Cost for	1	Cum					2.65			2.65
		Add 10% for sub mountainous region										0.27
		Labour for	1	Cum					2.65			2.92
		Cost for	1	Cum					2.65			2.92

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
(c)		Unloading earth from Tip wagons and clearieg with 3 metres from rail										
		Unit	1	Cum								
		Labour										
		Taking out	1000	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	56.49	149.97	8471.81				
		Total -II						8471.81				
		Provision for water charges @ 1% i.e. on Rs. 8471.81						84.72				
		Sundries @ 1% i.e. on Rs. 8471.81						84.72				
		Add contractor's profit @ 21.50% i.e. on Rs. 8641.25						1857.87				
		Add Labour cess @ 1% i.e. on Rs. 10499.12						104.99				
		Labour for	1000	Cum				10604.11				
		Labour for	1	Cum				10.60	10.60			
		Cost for	1	Cum					10.60			10.60
		Add 10% for sub mountainous region										1.06
		Labour for	1	Cum					10.60			11.66
		Cost for	1	Cum					10.60			11.66

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
(d)		Unloading earth from B.G. Trucks clearing 1.5.										
		Unit	1	Cum								
		Labour										
		Taking out	300	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	35.42	149.97	5311.94				
		Total -II						5311.94				
		Provision for water charges @ 1% i.e. on Rs. 5311.94						53.12				
		Sundries @ 1% i.e. on Rs. 5311.94						53.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 5418.18						1164.91				
		Add Labour cess @ 1% i.e. on Rs. 6583.09						65.83				
		Labour for	300	Cum				6648.92				
		Labour for	1	Cum				22.16	22.16			
		Cost for	1	Cum					22.16			22.16
		Add 10% for sub mountainous region										2.22
		Labour for	1	Cum					22.16			24.38
		Cost for	1	Cum					22.16			24.38

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
(e)		Unloading earth from B.G. Trucks and spreading 4.5 metres from rail										
		Unit	1	Cum								
		Labour										
		Taking out	300	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	47.08	149.97	7060.59				
		Total -II						7060.59				
		Provision for water charges @ 1% i.e. on Rs. 7060.59						70.61				
		Sundries @ 1% i.e. on Rs. 7060.59						70.61				
		Add contractor's profit @ 21.50% i.e. on Rs. 7201.81						1548.39				
		Add Labour cess @ 1% i.e. on Rs. 8750.2						87.50				
		Labour for	300	Cum				8837.70				
		Labour for	1	Cum				29.46	29.46			
		Cost for	1	Cum					29.46			29.46
		Add 10% for sub mountainous region										2.95
		Labour for	1	Cum					29.46			32.41
		Cost for	1	Cum					29.46			32.41

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
(f)		Unloading earth from B.G. Trucks and spreading upto 30 metres from rail										
		Unit	1	Cum								
		Labour										
		Taking out	100	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	19.42	149.97	2912.42				
		Total -II						2912.42				
		Provision for water charges @ 1% i.e. on Rs. 2912.42						29.12				
		Sundries @ 1% i.e. on Rs. 2912.42						29.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 2970.66						638.69				
		Add Labour cess @ 1% i.e. on Rs. 3609.35						36.09				
		Labour for	100	Cum				3645.44				
		Labour for	1	Cum				36.45	36.45			
		Cost for	1	Cum					36.45			36.45
		Add 10% for sub mountainous region										3.65
		Labour for	1	Cum					36.45			40.10
		Cost for	1	Cum					36.45			40.10

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
6.12		Dressing of dowels in addition to payment for										
		Unit	1	Cum								
		Labour										
		Taking out	1000	Cum								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	9.00	149.97	1349.73				
		Total -II						1349.73				
		Provision for water charges @ 1% i.e. on Rs. 1349.73						13.50				
		Sundries @ 1% i.e. on Rs. 1349.73						13.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 1376.73						296.00				
		Add Labour cess @ 1% i.e. on Rs. 1672.73						16.73				
		Labour for	1000	Cum				1689.46				
		Labour for	1	Cum				1.69	1.69			
		Cost for	1	Cum					1.69			1.69
		Add 10% for sub mountainous region										0.17
		Labour for	1	Cum					1.69			1.86
		Cost for	1	Cum					1.69			1.86

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
6.13		Restoring boundary road drains										
		Unit	1	m								
		Labour										
		Taking out	100	m								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	1.02	149.97	152.97				
		Total -II						152.97				
		Provision for water charges @ 1% i.e. on Rs. 152.97						1.53				
		Sundries @ 1% i.e. on Rs. 152.97						1.53				
		Add contractor's profit @ 21.50% i.e. on Rs. 156.03						33.55				
		Add Labour cess @ 1% i.e. on Rs. 189.58						1.90				
		Labour for	100	m				191.48				
		Labour for	1	m				1.91	1.91			
		Cost for	1	m					1.91			1.91
		Add 10% for sub mountainous region										0.19
		Labour for	1	m					1.91			2.10
		Cost for	1	m					1.91			2.10

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
6.14		Making new boundary road including levelling and dressing 3 metres wide										
		Unit	1	m								
(a)		In unploughed Land										
		Labour										
		Taking out	1000	m								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	18.75	149.97	2811.94				
	L_34	(ii) Mazdoor (Semi-Skilled) (Lower) Dresser			Each	4.68	143.81	673.03				
		Total -II						3484.97				
		Provision for water charges @ 1% i.e. on Rs. 3484.97						34.85				
		Sundries @ 1% i.e. on Rs. 3484.97						34.85				
		Add contractor's profit @ 21.50% i.e. on Rs. 3554.67						764.25				
		Add Labour cess @ 1% i.e. on Rs. 4318.92						43.19				
		Labour for	1000	m				4362.11				
		Labour for	1	m				4.36	4.36			
		Cost for	1	m					4.36			4.36
		Add 10% for sub mountainous region										0.44
		Labour for	1	m					4.36			4.80
		Cost for	1	m					4.36			4.80

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
(b)		in ploughed Land										
		Unit	1	m								
		Labour										
		Taking out	500	m								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	20.50	149.97	3074.39				
	L_34	ii) Mazdoor (Semi-Skilled) (Lower) Dresser			Each	4.10	143.81	589.62				
		Total -II						3664.01				
		Provision for water charges @ 1% i.e. on Rs. 3664.01						36.64				
		Sundries @ 1% i.e. on Rs. 3664.01						36.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 3737.29						803.52				
		Add Labour cess @ 1% i.e. on Rs. 4540.81						45.41				
		Labour for	500	m				4586.22				
		Labour for	1	m				9.17	9.17			
		Cost for	1	m					9.17			9.17
		Add 10% for sub mountainous region										0.92
		Labour for	1	m					9.17			10.09
		Cost for	1	m					9.17			10.09

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
6.15	a	Covering boundary road with 7.50 Cm deep sarkanda of Jundie upto 300 metres lead including cutting and supply of srkanda ro jungle										
		Unit	1	metre								
		Labour										
		Taking out	150	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	4.10	149.97	614.88				
		Total -II						614.88				
		Provision for water charges @ 1% i.e. on Rs. 614.88						6.15				
		Sundries @ 1% i.e. on Rs. 614.88						6.15				
		Add contractor's profit @ 21.50% i.e. on Rs. 627.18						134.84				
		Add Labour cess @ 1% i.e. on Rs. 762.02						7.62				
		Labour for	150	metre				769.64				
		Labour for	1	metre				5.13	5.13			
		Cost for	1	metre					5.13			5.13
		Add 10% for sub mountainous region										0.51
		Labour for	1	metre					5.13			5.64
		Cost for	1	metre					5.13			5.64

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
(b)		Covering boundary road with 7.50 Cm deep sarkanda or jungle lead 300 Metres to 1000 metres including cutting and supply of sarkanda or jungle										
		Unit	1	metre								
		Labour										
		Taking out	300	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	16.00	149.97	2399.52				
		Total -II						2399.52				
		Provision for water charges @ 1% i.e. on Rs. 2399.52						24.00				
		Sundries @ 1% i.e. on Rs. 2399.52						24.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 2447.52						526.22				
		Add Labour cess @ 1% i.e. on Rs. 2973.74						29.74				
		Labour for	300	metre				3003.48				
		Labour for	1	metre				10.01	10.01			
		Cost for	1	metre					10.01			10.01
		Add 10% for sub mountainous region										1.00
		Labour for	1	metre					10.01			11.01
		Cost for	1	metre					10.01			11.01

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
(c)		Extra for carriage of Sarkanda:-										
(i)		2nd Kilometere										
		Unit	1	metre								
		Labour										
		Taking out	800	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	21.00	149.97	3149.37				
		Total -II						3149.37				
		Provision for water charges @ 1% i.e. on Rs. 3149.37						31.49				
		Sundries @ 1% i.e. on Rs. 3149.37						31.49				
		Add contractor's profit @ 21.50% i.e. on Rs. 3212.35						690.66				
		Add Labour cess @ 1% i.e. on Rs. 3903.01						39.03				
		Labour for	800	metre				3942.04				
		Labour for	1	metre				4.93	4.93			
		Cost for	1	metre					4.93			4.93
		Add 10% for sub mountainous region										0.49
		Labour for	1	metre					4.93			5.42
		Cost for	1	metre					4.93			5.42

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
(ii)		3 rd Kilometres										
		Unit	1	metre								
		Labour										
		Taking out	500	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	12.00	149.97	1799.64				
		Total -II						1799.64				
		Provision for water charges @ 1% i.e. on Rs. 1799.64						18.00				
		Sundries @ 1% i.e. on Rs. 1799.64						18.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 1835.64						394.66				
		Add Labour cess @ 1% i.e. on Rs. 2230.3						22.30				
		Labour for	500	metre				2252.60				
		Labour for	1	metre				4.51	4.51			
		Cost for	1	metre					4.51			4.51
		Add 10% for sub mountainous region										0.45
		Labour for	1	metre					4.51			4.96
		Cost for	1	metre					4.51			4.96

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
(iii)		4 th Kilometres										
		Unit	1	metre								
		Labour										
		Taking out	500	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	11.00	149.97	1649.67				
		Total -II						1649.67				
		Provision for water charges @ 1% i.e. on Rs. 1649.67						16.50				
		Sundries @ 1% i.e. on Rs. 1649.67						16.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 1682.67						361.77				
		Add Labour cess @ 1% i.e. on Rs. 2044.44						20.44				
		Labour for	500	metre				2064.88				
		Labour for	1	metre				4.13	4.13			
		Cost for	1	metre					4.13			4.13
		Add 10% for sub mountainous region										0.41
		Labour for	1	metre					4.13			4.54
		Cost for	1	metre					4.13			4.54

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
(iv)		5th Kilometres										
		Unit	1	metre								
		Labour										
		Taking out	500	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	10.00	149.97	1499.70				
		Total -II						1499.70				
		Provision for water charges @ 1% i.e. on Rs. 1499.7						15.00				
		Sundries @ 1% i.e. on Rs. 1499.7						15.00				
		Add contractor's profit @ 21.50% i.e. on Rs. 1529.7						328.89				
		Add Labour cess @ 1% i.e. on Rs. 1858.59						18.59				
		Labour for	500	metre				1877.18				
		Labour for	1	metre				3.75	3.75			
		Cost for	1	metre					3.75			3.75
		Add 10% for sub mountainous region										0.38
		Labour for	1	metre					3.75			4.13
		Cost for	1	metre					3.75			4.13

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
(v)		6th Kilometres										
		Unit	1	metre								
		Labour										
		Taking out	400	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	7.00	149.97	1049.79				
		Total -II						1049.79				
		Provision for water charges @ 1% i.e. on Rs. 1049.79						10.50				
		Sundries @ 1% i.e. on Rs. 1049.79						10.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 1070.79						230.22				
		Add Labour cess @ 1% i.e. on Rs. 1301.01						13.01				
		Labour for	400	metre				1314.02				
		Labour for	1	metre				3.29	3.29			
		Cost for	1	metre					3.29			3.29
		Add 10% for sub mountainous region										0.33
		Labour for	1	metre					3.29			3.62
		Cost for	1	metre					3.29			3.62

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
(vi)		7th Kilometres										
		Unit	1	metre								
		Labour										
		Taking out	200	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	3.00	149.97	449.91				
		Total -II						449.91				
		Provision for water charges @ 1% i.e. on Rs. 449.91						4.50				
		Sundries @ 1% i.e. on Rs. 449.91						4.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 458.91						98.67				
		Add Labour cess @ 1% i.e. on Rs. 557.58						5.58				
		Labour for	200	metre				563.16				
		Labour for	1	metre				2.82	2.82			
		Cost for	1	metre					2.82			2.82
		Add 10% for sub mountainous region										0.28
		Labour for	1	metre					2.82			3.10
		Cost for	1	metre					2.82			3.10

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
(vii)		Subsequent Km										
		Unit	1	metre								
		Labour										
		Taking out	400	metre								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)			Each	5.00	149.97	749.85				
		Total -II						749.85				
		Provision for water charges @ 1% i.e. on Rs. 749.85						7.50				
		Sundries @ 1% i.e. on Rs. 749.85						7.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 764.85						164.44				
		Add Labour cess @ 1% i.e. on Rs. 929.29						9.29				
		Labour for	400	metre				938.58				
		Labour for	1	metre				2.35	2.35			
		Cost for	1	metre					2.35			2.35
		Add 10% for sub mountainous region										0.24
		Labour for	1	metre					2.35			2.59
		Cost for	1	metre					2.35			2.59

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
6.16		Ploughing and levelling borrowpits										
		Unit	1	Acre								
		Labour										
		Taking out	5	Acre								
		Ploughing and dragging with tractor with karaha			Hour	25.00	250.00	6250.00				
		Total -II						6250.00				
		Sundries @ 1% i.e. on Rs. 6250						62.50				
		Add contractor's profit @ 21.50% i.e. on Rs. 6312.5						1357.19				
		Add Labour cess @ 1% i.e. on Rs. 7669.69						76.70				
		Labour for	5	Acre				7746.39				
		Labour for	1	Acre				1549.28	1549.28			
		Cost for	1	Acre					1549.28			1549.28
		Add 10% for sub mountainous region										154.93
		Labour for	1	Acre					1549.28			1704.21
		Cost for	1	Acre					1549.28			1704.21

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
6.17		Berm trimming both sides:-										
(a)		Channels upto one metre depth										
		Unit	1	Km								
		Labour										
		Taking out	4	Km								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	32.30	149.97	4844.03				
		Total -II						4844.03				
		Provision for water charges @ 1% i.e. on Rs. 4844.03						48.44				
		Sundries @ 1% i.e. on Rs. 4844.03						48.44				
		Add contractor's profit @ 21.50% i.e. on Rs. 4940.91						1062.30				
		Add Labour cess @ 1% i.e. on Rs. 6003.21						60.03				
		Labour for	4	Km				6063.24				
		Labour for	1	Km				1515.81	1515.81			
		Cost for	1	Km					1515.81			1515.81
		Add 10% for sub mountainous region										151.58
		Labour for	1	Km					1515.81			1667.39
		Cost for	1	Km					1515.81			1667.39

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
(b)		Channels exceeding 1 metre but upto 1.50 metre										
		Unit	1	Km								
		Labour										
		Taking out	4	Km								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	47.30	149.97	7093.58				
		Total -II						7093.58				
		Provision for water charges @ 1% i.e. on Rs. 7093.58						70.94				
		Sundries @ 1% i.e. on Rs. 7093.58						70.94				
		Add contractor's profit @ 21.50% i.e. on Rs. 7235.46						1555.62				
		Add Labour cess @ 1% i.e. on Rs. 8791.08						87.91				
		Labour for	4	Km				8878.99				
		Labour for	1	Km				2219.75	2219.75			
		Cost for	1	Km					2219.75			2219.75
		Add 10% for sub mountainous region										221.98
		Labour for	1	Km					2219.75			2441.73
		Cost for	1	Km					2219.75			2441.73

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
(C)		Channels exceeding 1.50 metre but upto 2.50 metres										
		Unit	1	Km								
		Labour										
		Taking out	10	Km								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	180.12	149.97	27012.60				
		Total -II						27012.60				
		Provision for water charges @ 1% i.e. on Rs. 27012.6						270.13				
		Sundries @ 1% i.e. on Rs. 27012.6						270.13				
		Add contractor's profit @ 21.50% i.e. on Rs. 27552.86						5923.86				
		Add Labour cess @ 1% i.e. on Rs. 33476.72						334.77				
		Labour for	10	Km				33811.49				
		Labour for	1	Km				3381.15	3381.15			
		Cost for	1	Km					3381.15			3381.15
		Add 10% for sub mountainous region										338.12
		Labour for	1	Km					3381.15			3719.27
		Cost for	1	Km					3381.15			3719.27

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
6.18		Dag belling:-										
(a)		Single Kassi stroke minnimum 7.50 cm deep										
		Unit	1	Km								
		Labour										
		Taking out	2	Km								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	3.12	149.97	467.91				
		Total -II						467.91				
		Provision for water charges @ 1% i.e. on Rs. 467.91						4.68				
		Sundries @ 1% i.e. on Rs. 467.91						4.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 477.27						102.61				
		Add Labour cess @ 1% i.e. on Rs. 579.88						5.80				
		Labour for	2	Km				585.68				
		Labour for	1	Km				292.84	292.84			
		Cost for	1	Km					292.84			292.84
		Add 10% for sub mountainous region										29.28
		Labour for	1	Km					292.84			322.12
		Cost for	1	Km					292.84			322.12

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
(b)		Double Kassi strove 'V' shapad minimum 10 cm deep										
		Unit	1	Km								
		Labour										
		Taking out	10	Km								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	31.05	149.97	4656.57				
		Total -II						4656.57				
		Provision for water charges @ 1% i.e. on Rs. 4656.57						46.57				
		Sundries @ 1% i.e. on Rs. 4656.57						46.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 4749.71						1021.19				
		Add Labour cess @ 1% i.e. on Rs. 5770.9						57.71				
		Labour for	10	Km				5828.61				
		Labour for	1	Km				582.86	582.86			
		Cost for	1	Km					582.86			582.86
		Add 10% for sub mountainous region										58.29
		Labour for	1	Km					582.86			641.15
		Cost for	1	Km					582.86			641.15

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
(c)		Double Kassi strove 'V' shapad minimum 15 cm deep										
		Unit	1	Km								
		Labour										
		Taking out	10	Km								
	L_33	(i) Mazdoor (Semi-Skilled) (Upper)s			Each	41.00	149.97	6148.77				
		Total -II						6148.77				
		Provision for water charges @ 1% i.e. on Rs. 6148.77						61.49				
		Sundries @ 1% i.e. on Rs. 6148.77						61.49				
		Add contractor's profit @ 21.50% i.e. on Rs. 6271.75						1348.43				
		Add Labour cess @ 1% i.e. on Rs. 7620.18						76.20				
		Labour for	10	Km				7696.38				
		Labour for	1	Km				769.64	769.64			
		Cost for	1	Km					769.64			769.64
		Add 10% for sub mountainous region										76.96
		Labour for	1	Km					769.64			846.60
		Cost for	1	Km					769.64			846.60

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
6.19		Excavation in Soil with Dozer with lead upto 100										
		Excavation for road way in soil by mechanical means including cutting and pushing the earth to site of embankment upto a distance of 100 metres (average lead 50 metres), including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.										
		Unit :-	1	Cum								
		Taking Output	180	Cum								
I		Labour										
(i)	L_29	Mate / Supervisor			Day	0.08	151.44	12.12				
(ii)	L_33	Mazdoor (Semi Skilled) (Upper)			Day	2.00	149.97	299.94				
		Total -II						312.06				
		Provision for water charges @ 1% i.e. on Rs. 312.06						3.12				
		Sundries @ 1% i.e. on Rs. 312.06						3.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 318.3						68.43				
		Add Labour cess @ 1% i.e. on Rs. 386.73						3.87				
		Labour for	180	Cum				390.60				
		Labour for	1	Cum				2.17	2.17			
		Cost for	1	Cum					2.17			2.17
II		Machinery										
		Dozer, 80 HP @ 300/150 cum per hour			Hour	6.00	3600.00	21600.00				
		Total -I						21600.00				
		Add contractor's profit @ 1% i.e. on Rs. 21600						4644.00				
		Add Labour cess @ 1% i.e. on Rs. 26244						262.44				
		Labour for	180	Cum				26506.44				
		Labour for	1	Cum				147.26	147.26			147.26
		Add 10% for sub mountainous region										14.73
		Labour for	1	Cum					147.26			161.99
		Cost for	1	Cum					149.43			164.16

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
6.20		Excavation in Ordinary Rock with Dozer with lead										
		Excavation for roadway in ordinary rock by deploying a dozer, 80 HP including cutting and pushing the cut earth to site of embankment upto a distance of 100 metres (average lead 50 metres), trimming bottom and side slopes in accordance with the requirement of lines, grades and cross sections.										
		Unit :-	1	Cum								
		Taking Output	180	Cum								
I		Labour										
(i)	L_29	Mate / Supervisor			Day	0.12	151.44	18.17				
(ii)	L_33	Mazdoor (Semi Skilled) (Upper)			Day	3.00	149.97	449.91				
		Total -II						468.08				
		Provision for water charges @ 1% i.e. on Rs. 468.08						4.68				
		Sundries @ 1% i.e. on Rs. 468.08						4.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 477.44						102.65				
		Add Labour cess @ 1% i.e. on Rs. 580.09						5.80				
		Labour for	180	Cum				585.89				
		Labour for	1	Cum				3.25	3.25			
		Cost for	1	Cum					3.25			3.25
II		Machinery										
		Dozer, 80 HP @ 300/150 cum per hour			Hour	6.00	3600.00	21600.00				
		Total -I						21600.00				
		Add contractor's profit @ 1% i.e. on Rs. 21600						4644.00				
		Add Labour cess @ 1% i.e. on Rs. 26244						262.44				
		Labour for	180	Cum				26506.44				
		Labour for	1	Cum				147.26	147.26			147.26
		Add 10% for sub mountainous region										15.00
		Labour for	1	Cum					147.26			162.26
		Cost for	1	Cum				150.51				165.51

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
6.21		Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal upto 450 metres. . Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the										
		Unit :-	1	Cum								
		Taking Output	360	Cum								
I		Labour										
(i)	L_29	Mate / Supervisor			Day	0.08	151.44	12.12				
(ii)	L_33	Mazdoor (Semi Skilled) (Upper)			Day	2.00	149.97	299.94				
		Total -II						312.06				
		Provision for water charges @ 1% i.e. on Rs. 312.06						3.12				
		Sundries @ 1% i.e. on Rs. 312.06						3.12				
		Add contractor's profit @ 21.50% i.e. on Rs. 318.3						68.43				
		Add Labour cess @ 1% i.e. on Rs. 386.73						3.87				
		Labour for	360	Cum				390.60				
		Labour for	1	Cum				1.09	1.09			
		Cost for	1	Cum					1.09			1.09
II		Machinery										
		Hydraulic excavator 0.9 cum bucket capacity @			Hour	6.00	1260.00	7560.00				
		Tipper 5 cum capacity, 4 trips per hour.			Hour	16.00	300.00	4800.00				
		Total -I						12360.00				
		Add contractor's profit @ 1% i.e. on Rs. 12360						2657.40				
		Add Labour cess @ 1% i.e. on Rs. 15017.4						150.17				
		Labour for	360	Cum				15167.57				
		Labour for	1	Cum				42.13	42.13			42.13
		Add 10% for sub mountainous region										4.00
		Labour for	1	Cum				42.13				46.13
		Cost for	1	Cum				43.22				47.22

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
Note		Work in Urban Roads										
		The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:										
		a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two/ three wheeler apart from the usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be in the range of 10 - 15 per cent										
		b) There is considerable disruption of traffic adversely affecting the efficiency of the working parties including machines due to congestion caused by pedestrian traffic, local road side vendors, parking of vehicles by the road side, encroachments by the shopkeepers and local shops who make use of the berms of the road in front of these shops and unauthorised conversion of road berms into mini local market The output of manpower and machines is substantially reduced due to factors mentioned above										
		c) Cost of living in urban areas is comparatively more resulting into higher wages.										
		d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangement for lighting and special transport for working parties due to odd hour										
		In the light of above, the authorities engaged in preparing the cost estimates may exercise their judgment and cater for the additional cost to the extent of 2 to 3 per cent, keeping in view the severity of factors mentioned above. Supporting details for the extra cost based on the actual conditions in specific cases will have to give in justification.										

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
6.22	New Item	Diluting & Spreading chemical emulsion on earth depth of 300mm including excavation along the well & rodding etc. complete in all respect										
		Unit	1	Sqm								
		Taking Out	10	Sqm								
		Chemical Emulsion for antytermite			Ltr.	1	200.00	200.00				
		Water Charges			Ltr.	100	0.10	10.00				
		Total -I						210.00				
		Add contractor's profit @ 10% i.e. on Rs. 210						21.00				
		Add Labour cess @ 1% i.e. on Rs. 231						2.31				
		Labour for	10	Sqm				233.31				
		Labour for	1	Sqm				23.33	23.33			23.33
		Labour										
	L_35	(i) Mazdoor (Un-Skilled) Chowkidar / Cleaner /			Each	0.50	136.69	68.35				
		Total -II						68.35				
		Sundries @ 1% i.e. on Rs. 68.35						0.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 69.03						14.84				
		Add Labour cess @ 1% i.e. on Rs. 83.87						0.84				
		Labour for	10	Sqm				84.71				
		Labour for	1	Sqm				8.47	8.47			8.47
		Cost for	1	Sqm					31.80			31.80
		Add 10% for sub mountainous region										3.00
		Labour for	1	Sqm					31.80			34.80
		Cost for	1	Sqm					31.80			34.80

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
6.23	New Item	Lassor leveling of land with tractor & Lassor Levelling Machine complete in all respect										
		Unit	1	Acre								
		Tractor with Lassor Levelling Machine			Hour	6	500.00	3000.00				
		Total -I						3000.00				
		Add contractor's profit @ 10% i.e. on Rs. 3000						300.00				
		Add Labour cess @ 1% i.e. on Rs.3300						33.00				
		Labour for	1	Acre				3333.00				
		Labour for	1	Acre				3333.00	3333.00			3333.00
		Labour										
	L_29	(i) Mate / Supervisor			Each	0.50	151.44	75.72				
	L_35	(i) Mazdoor (Un-Skilled) Chowkidar / Cleaner /			Each	2.00	136.69	273.38				
		Total -II						349.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 349.1						75.06				
		Add Labour cess @ 1% i.e. on Rs. 424.16						4.24				
		Labour for	1	Acre				428.40				
		Labour for	1	Acre				428.40	428.40			428.40
		Cost for	1	Acre					3761.40			3761.40
		Add 10% for sub mountainous region										376.00
		Labour for	1	Acre					3761.40			4137.40
		Cost for	1	Acre					3761.40			4137.40