

Chapter No. 13 Hositing and Roofing

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.1		Hoisting R.C.C. lintel and placing in position								
		Unit :- 1.00 Cum.								
		Taking size of lintel = 1.5x0.32x0.115=0.0552 Cum								
I		Labour								
		Taking output 20 Lintel i.e.	1.10	Cum.						
(i)		Mazdoors		Each	4	136.69	546.76			
		Total - I					546.76			
		Sundries @ 1% i.e. on Rs. 546.76					5.47			
		Add contractor's profit @ 21.50% i.e. on Rs. 552.23					118.73			
		Add Labour cess @ 1% i.e. on Rs. 670.96					6.71			
		Labour for 1.10 Cum.					677.67			
		Labour for 1.00 Cum.					613.83	613.83		
		Cost for 1.00 Cum.					613.83			
		Add 10% for sub mountainous region								61.38
		Labour for 1.00 Cum.								675.21
		Cost for 1.00 Cum.								675.21

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.2		Hoisting R.C.C. battens and placing in position										
		Unit :-	1.00	Cum.								
		Taking size = 2.1x0.06x0.14=0.01764 Cum										
I		Labour						1.4112				
		Taking output 80 Battens i.e.			1.41	Cum.						
(i)		Mason 2nd class			Each	1	190.00	190.00				
(ii)		Mazdoors			Each	5	136.69	683.45				
		Total - I						873.45				
		Sundries @ 1% i.e. on Rs. 873.45						8.73				
		Add contractor's profit @ 21.50% i.e. on Rs. 882.18						189.67				
		Add Labour cess @ 1% i.e. on Rs. 1071.85						10.72				
		Labour for	1.41	Cum.				1082.57				
		Labour for	1.00	Cum.				767.78	767.78	767.78		
		Cost for	1.00	Cum.					767.78			
		Add 10% for sub mountainous region										76.78
		Labour for	1.00	Cum.								844.56
		Cost for	1.00	Cum.								844.56

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.3		Hoisting R.C.C. shelves and placing in position										
			Unit :-	1.00	Cum.							
		Taking size = 1.2x0.25x0.05=0.015 Cum										
I		Labour										
			Taking output	23 Shelves i.e.	0.35	Cum.						
(ii)		Mazdoors			Each	1	136.69	136.69				
		Total - I						136.69				
		Sundries @ 1% i.e. on Rs. 136.69						1.37				
		Add contractor's profit @ 21.50% i.e. on Rs. 138.06						29.68				
		Add Labour cess @ 1% i.e. on Rs. 167.74						1.68				
			Labour for	0.35	Cum.			169.42				
			Labour for	1.00	Cum.			491.07	491.07	491.07		
			Cost for	1.00	Cum.				491.07			
		Add 10% for sub mountainous region										49.11
			Labour for	1.00	Cum.							540.18
			Cost for	1.00	Cum.							540.18

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.4		Hoisting R.C.C. bed plates and placing in position										
			Unit :-	1.00	Cum.							
		Taking size = 0.6x0.32x0.225=0.0432 Cum										
I		Labour										
		Taking output 16 Bed Plates i.e.			0.69	Cum.						
(ii)		Mazdoors			Each	3	136.69	410.07				
		Total - I						410.07				
		Sundries @ 1% i.e. on Rs. 410.07						4.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 414.17						89.05				
		Add Labour cess @ 1% i.e. on Rs. 503.22						5.03				
		Labour for	0.69	Cum.				508.25				
		Labour for	1.00	Cum.				736.59	736.59			
		Cost for	1.00	Cum.					736.59			
		Add 10% for sub mountainous region										73.66
		Labour for	1.00	Cum.								810.25
		Cost for	1.00	Cum.								810.25

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.5		Hoisting wooden battens and placing in position										
			Unit :-	1.00	Cum.							
I		Taking size = 2.2x0.055x0.11=0.01331 Cum										
I		Labour										
		Taking output 150 Battens i.e.			2.00	Cum.						
(i)		Masson 2nd class			Each	2	190.00	380.00				
(ii)		Mazdoors			Each	3	136.69	410.07				
		Total - I						790.07				
		Sundries @ 1% i.e. on Rs. 790.07						7.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 797.97						171.56				
		Add Labour cess @ 1% i.e. on Rs. 969.53						9.70				
		Labour for			2.00	Cum.		979.23				
		Labour for			1.00	Cum.		489.62	489.62	489.62		
		Cost for			1.00	Cum.			489.62			
		Add 10% for sub mountainous region										48.96
		Labour for			1.00	Cum.						538.58
		Cost for			1.00	Cum.						538.58

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.6		Hoisting wooden beams and placing in position										
			Unit :-	1.00	Cum.							
I		Taking size = 3x0.013x0.25=0.0975 Cum										
I		Labour										
		Taking output 160 Beams i.e.			15.60	Cum.						
(i)		Mason 2nd class			Each	1	190.00	190.00				
(ii)		Mazdoors			Each	32	136.69	4374.08				
		Total - I						4564.08				
		Sundries @ 1% i.e. on Rs. 4564.08						45.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 4609.72						991.09				
		Add Labour cess @ 1% i.e. on Rs. 5600.81						56.01				
			Labour for	15.60	Cum.			5656.82				
			Labour for	1.00	Cum.			362.62	362.62		362.62	
			Cost for	1.00	Cum.				362.62			
		Add 10% for sub mountainous region										36.26
			Labour for	1.00	Cum.							398.88
			Cost for	1.00	Cum.							398.88

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.7		Hoisting wooden trusses and placing in position										
			Unit :-	1.00	Cum.							
I		Taking volume of one truss of 7m Span = 0.458 Cum										
I		Labour										
		Taking output 5 trusses i.e.			2.29	Cum.						
(i)		Mason 2nd class			Each	1	190.00	190.00				
(ii)		Carpenter 2nd class			Each	1	190.00	190.00				
(iii)		Mazdoors			Each	19	136.69	2597.11				
(iv)		Hiring of chain and pully			Day	1	300.00	300.00				
		Total - I						3277.11				
		Sundries @ 1% i.e. on Rs. 3277.11						32.77				
		Add contractor's profit @ 21.50% i.e. on Rs. 3309.88						711.62				
		Add Labour cess @ 1% i.e. on Rs. 4021.5						40.22				
		Labour for	2.29	Cum.				4061.72				
		Labour for	1.00	Cum.				1773.68	1773.68	1773.68		
		Cost for	1.00	Cum.					1773.68			
		Add 10% for sub mountainous region										177.37
		Labour for	1.00	Cum.								1951.05
		Cost for	1.00	Cum.								1951.05

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.8		Hoisting R.S. Joists and placing in position										
			Unit :-	1.00	Qtl.							
I		Taking size 3mx100mmx200mm at 25.4 Kg. Per Metre 76.2 Kg.										
I		Labour										
		Taking output 54 joists i.e. 41.15 quintal										
		Taking output 54 Joists i.e.			41.15	Qtl.						
(i)		Mason 2nd class			Each	3	190.00	570.00				
(ii)		Mazdoors			Each	31	136.69	4237.39				
		Total - I						4807.39				
		Sundries @ 1% i.e. on Rs. 4807.39						48.07				
		Add contractor's profit @ 21.50% i.e. on Rs. 4855.46						1043.92				
		Add Labour cess @ 1% i.e. on Rs. 5899.38						58.99				
		Labour for	41.15	Qtl.				5958.37				
		Labour for	1.00	Qtl.				144.80	144.80	144.80		
		Cost for	1.00	Qtl.					144.80			
		Add 10% for sub mountainous region										14.48
		Labour for	1.00	Qtl.								159.28
		Cost for	1.00	Qtl.								159.28

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.9		Hoisting steel roof trusses plate girders of any span for buidlings and plate trusses girders for bridges upto 15m span								
		Unit :- 1.00 Qtl.								
		Taking weight 15Mtr span truss 6.8 Quintal								
		Taking 10 truss weight 15 Mtr. Span truss=10*6.8 i.e.	68.00	Qtl.						
I		Labour								
(i)		Mason 2nd class		Each	1	190.00	190.00			
(iii)		Blacksmith 2nd class for fixing bolts and nuts		Each	8	190.00	1520.00			
(ii)		Mazdoors		Each	93	136.69	12712.17			
(iv)		Hiring of chain and pully		Day	1	300.00	300.00			
		Total - I					14722.17			
		Sundries @ 1% i.e. on Rs. 14722.17					147.22			
		Add contractor's profit @ 21.50% i.e. on Rs. 14869.39					3196.92			
		Add Labour cess @ 1% i.e. on Rs. 18066.31					180.66			
		Labour for 68.00 Qtl.					18246.97			
		Labour for 1.00 Qtl.					268.34	268.34		
		Cost for 1.00 Qtl.						268.34		
		Add 10% for sub mountainous region								26.83
		Labour for 1.00 Qtl.								295.17
		Cost for 1.00 Qtl.								295.17

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.10		Assembling at site and hoisting and placing in position tubular trusses, complete with accessories such as parlings , bracing, longitudinal ties, truss shoes, purlin clips and other truss components, complete in all respects.								
		Unit :- 1 Qtl.								
Case 1		Taking approximate weight of one truss as 1.4 M.T. or	14.00	Qtl.						
		Covered area = 930 Sqm								
I		Labour								
(a)		Assembling								
(i)		Blacksmit 1st class		Each	2	223.36	446.72			
(iii)		Mate		Each	1	151.44	151.44			
(ii)		Mazdoors		Each	15	136.69	2050.35			
		Total - a					2648.51			
		Sundries @ 1% i.e. on Rs. 2648.51					26.49			
		Add contractor's profit @ 21.50% i.e. on Rs. 2675					575.13			
		Add Labour cess @ 1% i.e. on Rs. 3250.13					32.50			
		Labour for 14.00 Qtl.					3282.63			
		Labour for 1.00 Qtl.					234.47	234.47	A	234.47
		Unit :- 1 Qtl.								
Case 2		Taking weight of 10 trusses of 15 Mtr. span each = 6.75 * 10 =	67.50	Qtl.						
(b)		Hoisting								
(i)		Mason 2nd class		Each	1	190.00	190.00			
(iii)		Blacksmith 2nd class for fixing bolts and nuts		Each	8	190.00	1520.00			
(ii)		Mazdoors		Each	93	136.69	12712.17			
		Total - b					14422.17			
		Sundries @ 1% i.e. on Rs. 14422.17					144.22			
		Add contractor's profit @ 21.50% i.e. on Rs. 14566.39					3131.77			
		Add Labour cess @ 1% i.e. on Rs. 17698.16					176.98			
		Labour for 67.50 Qtl.					17875.14			
		Labour for 1.00 Qtl.					264.82	264.82	B	264.82

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
Avg. Case 1 & 2		Average labour for Assembling and Hoisting per Qtl.					249.65			
		Add 10% for sub mountainous region								24.96
		Labour for	1.00	Qtl.						274.61

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.11		Second class mud roofing consisting of one layer of tiles 22.86 x 11.43 x 3.81 cm laid in cement mortar 1:3 including 6mm thick cement plaster 1:4 on top with two coats of bitumen painting at 2.63 Kg/Sqm covered with 10cm of mud and two layers of 25mm mud plaster with gobi on top and cement plaster 1:4 on parapet between tiles and drip course 1:2 cement pointing under side of tiles and filling of spaces between the battens.								
		Unit :-	1.00	Sqm.						
(a)		Tiles								
(i)		Brick tiles size 22.86 x 11.43 x 3.81 cm including carriage of 5 Km. and loading / inloading.	Each	39	3.05	118.95				
(b)		Cement								
(i)		For 0.05 cum of tiles masonry (1:3) cement mortar at 2.85 bags/cum = 0.14								
(ii)		For 1 Sqm 6mm thick cement plaster 1:4 cement mortar at 0.06 bag/sqm =0.06								
(iii)		For contiguous 125mm thick cement plaster 1:4 cement mortar =0.8x0.225=0.18 Sqm at 0.12 bag sqm= 0.022								
(iv)		For 1 Sqm cement pointing (1:2) under neath tiles at 0.026 bag/Sqm 0.026								
		. = 0.248 Say 0.25 Bag	Bag	0.25	262.27	65.57				
(c)		Sand								
(i)		For 0.05 cum of tiles masonry (1:3) mortar 0.25 Cum/cum= 0.0125 Cum								
(ii)		For 1 Sqm 6mm thick cement plaster 1:4 cement mortar at 0.008 bag/sqm =0.008								
(iii)		For contiguous 12.5mm thick cement plaster 1:4 cement mortar 0.18 Sqm at 0.016 cum sqm= 0.0029								
(iv)		For 1 Sqm cement pointing (1:2) under neath tiles at 0.0018 Sqm = 0.0018								
		. = 0.0252 cum	Cum.	0.0252	200.59	5.05				
(d)		Filling spaces								
		Filling space between battens with blocks of 1:3:6 cement concrete and laid in 1:3 cement mortar= for 10 Sqm =10x0.24x0.135x0.075 = 0.024 Cum								
		(Rate as per items 10.10 (i) for 1 Sqm for 1sqm= 0.024	Cum.	0.024	1683.63	40.41				
(e)		Bitumen								

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(i)		For 1Sqm of area 2 coars at 2.63 Kg./Sqm	Qtl.	0.0263	3692.50	97.11				
		Total - I				327.09				
		Sundries @ 1% i.e. on Rs. 327.09				3.27				
		Add contractor's profit @ 10% i.e. on Rs. 330.36				33.04				
		Add Labour cess @ 1% i.e. on Rs. 363.4				3.63				
						367.03	367.03			367.03
(II)		LABOUR								
		Taking output	10.00	Sqm						
(a)		For filling space between battens with 1:3:6 concrete block								
		Rate as per itmes No. 10.10 (ii) nad 10.13)	Cum.	0.024	297.25	7.13				
(b)		Centring shuttering as per items no. 9.8	Sqm	1	120.73	120.73				
		Good Earth								
(i)		25mm thick of mud plaster 2 coats at bottom and top = 0.5								
		Each 10 cm thick = $\frac{1.0}{1.5}$ Cum								
			Cum.	1.5	178.73	268.10				
(ii)		Old bhusa 30 Kg.	Qtl.	0.3	264.00	79.20				
		Mason 1st class								
(i)		For laying tiles and filling space between battens with cement concrete blocks over beam	Each	0.625	223.36	139.60				
(ii)		For plastering	Each	0.5	223.36	111.68				
(iii)		For cement painting underneath tiles	Each	0.25	223.36	55.84				
(e)		Mason 2nd class								
(i)		For laying mud and mud plaster and gobri leeping	Each	0.5	190.00	95.00				
(f)		Mazdoors								
(i)		For carrying tiles	Each	0.625	136.69	85.43				
(ii)		For making and carrying mud and mud plaster and gobri leeping	Each	1.25	136.69	170.86				
(iii)		For making and carrying cement mortar	Each	0.75	136.69	102.52				
(iv)		For heating and applying 2 coats of bitumen	Each	1	136.69	136.69				
(g)		Bhishti								
(i)		For soaking tiles	Each	0.5	173.76	86.88				
(ii)		For mud and mud plaster	Each	0.25	173.76	43.44				
(iii)		For cement plaster and cement pointing	Each	0.375	173.76	65.16				
		Total - II				1568.26				
		Sundries @ 1% i.e. on Rs. 1568.26				15.68				
		Add contractor's profit @ 21.50% i.e. on Rs. 1583.94				340.55				

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add Labour cess @ 1% i.e. on Rs. 1924.49						19.24				
		Labour for	10.00	Sqm				1943.73				
		Labour for	1.00	Sqm.				194.37	194.37		194.37	
		Cost for	1.00	Sqm.					561.40			
		Add 10% for sub mountainous region										19.44
		Labour for	1.00	Sqm.								213.81
		Cost for	1.00	Sqm.								580.84

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.12		Third class mud roofing consisting of two layers of sirki and sarkanda covered with 12.5 cm mud plaster with gobri leeping on top								
		Unit :-	1.00	Sqm.						
I		MATERIALS								
(i)		Sirki		Sqm	1.00	39.60	39.60			
(ii)		Sarkanda		Qtl.	0.04	270.00	10.80			
(iii)		Solignum (for soaking of sirki)		Qtl.	0.122	102.94	12.56			
		Total - I					62.96			
		Sundries @ 1% i.e. on Rs. 62.96					0.63			
		Add contractor's profit @ 10% i.e. on Rs. 63.59					6.36			
		Add Labour cess @ 1% i.e. on Rs. 69.95					0.70			
							70.65			70.65
II		LABOUR								
		Taking output	70.00	Sqm						
(i)		Earth for 2 coats of 2.5 cm thick mud plaster = 3.50 cum								
		Earth for 10 cum thick mud = <u>7.00 Cum</u>								
		10.50 Cum		Cum.	10.5	178.73	1876.67			
(ii)		Old bhusa at 64 Kg. Per cum		Qtl.	2.24	264.00	591.36			
(iv)		Mason 2nd class for laying mud and mud plaster		Each	2.5	190.00	475.00			
(v)		Mazdoor:								
(a)		For spreading sirki and sarkanda		Each	2	136.69	273.38			
(b)		For making and carrying mud and mud plaster for gobri leeping		Each	8	136.69	1093.52			
(c)		For scaking sirke in solignum		Each	1	136.69	136.69			
(vi)		Bhishti		Each	1	173.76	173.76			
		Total - II					4620.38			
		Sundries @ 1% i.e. on Rs. 4620.38					46.20			
		Add contractor's profit @ 21.50% i.e. on Rs. 4666.58					1003.31			
		Add Labour cess @ 1% i.e. on Rs. 5669.89					56.70			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	70.00	Sqm				5726.59				
		Labour for	1.00	Sqm.				81.81	81.81		81.81	
		Cost for	1.00	Sqm.					152.46			
		Add 10% for sub mountainous region										8.18
		Labour for	1.00	Sqm.								89.99
		Cost for	1.00	Sqm.								160.64

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.13		Terracing consiting of tiles 22.86x11.43x3.83cm laid over 25 mm mud plaster 7.5 cm mud filling on another laver of 25mm mud plaster including two coats of bitumen laid hot at 1.65 Kg. /Sqm top of R.C.C. slab including grouting with cement sand mortar 1:4 and top surface to be left clean after wire brushing								
		Unit :-	1.00	Sqm.						
I		MATERIALS								
(i)		Brick tiles size 22.86 x 11.43 x 3.81 cm including carriage of 5 Km. and loading / inloading.		Each	39.00	3.05	118.95			
(iii)		Cement for grouting		Bag	0.035	262.27	9.18			
(iv)		Sand for grouting		Cum.	0.005	200.59	1.00			
(v)		Bitumen		Qtl.	0.0165	3692.50	60.93			
		Total - I					190.06			
		Sundries @ 1% i.e. on Rs. 190.06					1.90			
		Add contractor's profit @ 10% i.e. on Rs. 191.96					19.20			
		Add Labour cess @ 1% i.e. on Rs. 211.16					2.11			
							213.27	213.27		213.27
II		LABOUR								
		Taking output	10.00	Sqm						
(i)		Earth for 7.5 cm thick and two layer of 25mm mud and mud plaster		Cum.	1.25	178.73	223.41			
(ii)		Old bhusa for and plaster		Qtl.	0.3	264.00	79.20			
(iii)		Mason 2nd class		Each	1.5	190.00	285.00			
(iv)		Mazdoors		Each	3	136.69	410.07			
(v)		Bhisthi		Each	1.5	173.76	260.64			
		Total - II					1258.32			
		Sundries @ 1% i.e. on Rs. 1258.32					12.58			
		Add contractor's profit @ 21.50% i.e. on Rs. 1270.9					273.24			
		Add Labour cess @ 1% i.e. on Rs. 1544.14					15.44			
		Labour for	10.00	Sqm			1559.58			
		Labour for	1.00	Sqm.			155.96	155.96	155.96	
		Cost for	1.00	Sqm.			369.23			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add 10% for sub mountainous region										15.60
			Labour for	1.00	Sqm.							171.56
			Cost for	1.00	Sqm.							384.83

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.14		Roofing consisting of 5cm thick precast cement concrete 1:2:4 tiles laid in position with cement sand mortar 1:3 over R.C.C. battens 0.6 m apart excluding cost of R.C.C. Battens but including 4cm thick screed of cement concrete 1:4:8 over tiles 2 coats of bitumen at 2.34 Kg. per sqm 25mm mud plaster 7.5 mud over another layer of 25mm mud plaster filling space between battens over beam with cement concrete (1:3:6) blocks in cement mortar 1:3 and cement pointing 1:2 on the underside of tiles.								
		Unit :-	1.00	Sqm.						
		Taking output	18.00	Sqm.						
I		MATERIALS								
(i)		Cement concrete 1:2:4, 5 cm thick block: 50x0.6x0.6x0.05= 0.90 Cum								
		(Rate as per item No. 10.11 (i))			Cum.	0.90	2186.75	1968.08		
(ii)		4 cm thick cement concrete 1:4:8								
		Rate as per item No. 10.8 (i)			Cum.	0.72	1536.21	1106.07		
(iii)		Filling spaces with cement concrete 1:3:6 blocks=								
		10x0.52x0.25x0.10= 0.08 cum								
		Rate as per item No. 10.10 (i)			Cum.	0.08	1683.63	134.69		
(iv)		Mortar required for laying cement concrete tiles and fixing block in cement mortar 1:3								
(v)		Cement pointing 1:2 under side the tiles								
		Rate as per item No. 15.59 (i)			Sqm	4.50	7.18	32.31		
(vi)		Bitumen			Qtl.	0.042	3692.50	155.09		
		Total - I					3396.24			
		Sundries @ 1% i.e. on Rs. 3396.24					33.96			
		Add contractor's profit @ 10% i.e. on Rs. 3430.2					343.02			
		Add Labour cess @ 1% i.e. on Rs. 3773.22					37.73			
		Cost for	18.00	Sqm.			3810.95			
		Cost for	1.00	Sqm.			211.72	211.72		211.72
II		LABOUR								
		Taking output	18.00	Sqm						
(i)		For cement concrete 1:2:4, 5 cm thick block								
		Rate as per item No. 10.11 (II)			Cum.	0.90	261.25	235.13		
(ii)		For 40 m thick cement concrete 1:4:8								
		Rate as per item No. 10.8 (II)			Cum.	0.72	261.25	188.10		

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(iii)		For cement concret 1:3:6 block for filling space between battens (Rate as per item No. 10.10 (ii) and 10.13)	Cum.	0.08	297.25	23.78				
(iv)		For cement pointing 1:2 under side the tiles								
		Rate as per item No. 15.59 (ii)	Sqm	4.50	19.83	89.24				
(v)		7.5 cm thick mud 18x0.075= 1.35 Cum	Cum.	1.35	178.73	241.29				
(vi)		2.5 Cm thick mud: plaster without gobri leeping (as per items no. 15.46 and 15.49, 4.96-0.48 = 4.48)	Sqm	18.00	23.00	414.00				
(vii)		2.5 Cm thick mud plaster with gobri leeping								
		Rate as per item NO. 15.46	Sqm	18	16.96	305.28				
(Viii)		Fuel wood for heating the bitumen	Qtl.	0.030	551.69	16.55				
		Centering and Shuttering for precast conc. Tile 50*.6*.6=18 50*2(0.60+0.60)*0.05=6 Total=24Sqm	Sqm	24	120.24	2885.76				
		Labour for placing the tiles and block in position								
(a)		Mason Ist class	Sqm	1	223.36	223.36				
(b)		Mazdoors	Sqm	3	136.69	410.07				
(c)		Bhishti	Sqm	0.25	173.76	43.44				
		Total - II				5076.00				
		Sundries @ 1% i.e. on Rs. 5076				50.76				
		Add contractor's profit @ 21.50% i.e. on Rs. 5126.76				1102.25				
		Add Labour cess @ 1% i.e. on Rs. 6229.01				62.29				
		Labour for 18.00 Sqm				6291.30				
		Labour for 1.00 Sqm.				349.52	349.52			349.52
		Cost for 1.00 Sqm.					561.24			
		Add 10% for sub mountainous region								34.95
		Labour for 1.00 Sqm.								384.47
		Cost for 1.00 Sqm.								596.19

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.15		Thatching 15 cm thick including bamboo frame and matting but excluding the cost purlins								
		Unit :-	1.00	Sqm.						
I		MATERIALS								
		Taking area :-	9.00	Sqm.						
(i)		Bamboo 2.5 Mtr. Long (to be dipped in the crude oil)								
(a)		4cm dia 30 cm apart								
(b)		4cm dia 15 cm apart (split in to havles)	Each	60.00	51.19	3071.40				
(ii)		Munj ban (to be dipped in coaltar)	Kg.	0.03	45.50	1.37				
(iii)		Grass poolas	Qtl.	0.90	90.00	81.00				
		Total - I				3153.77				
		Sundries @ 1% i.e. on Rs. 3153.77				31.54				
		Add contractor's profit @ 10% i.e. on Rs. 3185.31				318.53				
		Add Labour cess @ 1% i.e. on Rs. 3503.84				35.04				
		Material cost for	9.00	Sqm.		3538.88				
		Material cost for	1.00	Sqm.		393.21	393.21			393.21
(II)		LABOUR								
		Taking output	9.00	Sqm						
(a)		Mazdoor (Thatcher)								
(i)		For making bamboo frame	Each	0.625	136.69	85.43				
(ii)		For putting grass in proper shape and fixing with murj etc.	Each	0.75	136.69	102.52				
(b)		Mazdoors	Each	0.75	136.69	102.52				
		Total - II				290.47				
		Sundries @ 1% i.e. on Rs. 290.47				2.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 293.37				63.07				
		Add Labour cess @ 1% i.e. on Rs. 356.44				3.56				
		Labour for	9.00	Sqm		360.00				
		Labour for	1.00	Sqm.		40.00	40.00			40.00
		Cost for	1.00	Sqm.			433.21			
		Add 10% for sub mountainous region								4.00
		Labour for	1.00	Sqm.						44.00
		Cost for	1.00	Sqm.						437.21

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.16		Thatching 23cm thick including bamboo frame and matting but excluding the cost of purlins								
		Unit :-	1.00	Sqm.						
I		MATERIALS								
		Taking area :-	9.00	Sqm.						
(i)		Bamboo 2.5 Mtr. Long (to be dipped in the crude oil)								
(a)		4cm dia 30 cm apart								
(b)		4cm dia 15 cm apart (split in to halves)			Each	60.00	51.19	3071.40		
(ii)		Munj ban (to be dipped in coaltar			Qtl.	0.035	45.50	1.59		
(iii)		Grass poolas			Qtl.	1.45	90.00	130.50		
		Total - I						3203.49		
		Sundries @ 1% i.e. on Rs. 3203.49						32.03		
		Add contractor's profit @ 10% i.e. on Rs. 3235.52						323.55		
		Add Labour cess @ 1% i.e. on Rs. 3559.07						35.59		
		Material cost for	9.00	Sqm.				3594.66		
		Material cost for	1.00	Sqm.				399.41	399.41	399.41
(I)		LABOUR								
		Taking output	9.00	Sqm						
(a)		Mazdoor (Thatcher)								
(i)		For maing bamboo fram			Each	0.625	136.69	85.43		
(ii)		For putting grass in proper shape and fixing with munj etc.			Each	1.25	136.69	170.86		
(b)		Mazdoors			Each	0.75	136.69	102.52		
		Total - II						358.81		
		Sundries @ 1% i.e. on Rs. 358.81						3.59		
		Add contractor's profit @ 21.50% i.e. on Rs. 362.4						77.92		
		Add Labour cess @ 1% i.e. on Rs. 440.32						4.40		
		Labour for	9.00	Sqm				444.72		
		Labour for	1.00	Sqm.				49.41	49.41	49.41
		Cost for	1.00	Sqm.				448.82		
		Add 10% for sub mountainous region								4.94
		Labour for	1.00	Sqm.						54.35
		Cost for	1.00	Sqm.						453.76

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.17		Tile terracing laid dry over roof consistng of one layer of tiles 22.86x11.43x3.83 including grouting with cement sand mortar 1:4 top surface to be left clean after wire brushing								
		Unit :-	1.00	Sqm.						
I		MATERIALS								
(i)		Brick tiles size 22.86 x 11.43 x 3.81 cm including carriage of 5 Km. and loading / inloading.	Each	40.00	3.05	122.00				
(iii)		Cement for grouting	Bag	0.035	262.27	9.18				
(iv)		Sand for grouting	Cum.	0.005	200.59	1.00				
		Total - I				132.18				
		Sundries @ 1% i.e. on Rs. 132.18				1.32				
		Add contractor's profit @ 10% i.e. on Rs. 133.5				13.35				
		Add Labour cess @ 1% i.e. on Rs. 146.85				1.47				
						148.32	148.32			148.32
(I)		LABOUR								
		Taking output	10.00	Sqm						
(i)		Mason 2nd class	Each	0.75	190.00	142.50				
(ii)		Mazdoors	Each	1	136.69	136.69				
(iii)		Bhishti	Each	0.125	173.76	21.72				
		Total - II				300.91				
		Sundries @ 1% i.e. on Rs. 300.91				3.01				
		Add contractor's profit @ 21.50% i.e. on Rs. 303.92				65.34				
		Add Labour cess @ 1% i.e. on Rs. 369.26				3.69				
		Labour for	10.00	Sqm		372.95				
		Labour for	1.00	Sqm.		37.30	37.30	37.30		
		Cost for	1.00	Sqm.			185.62			
		Add 10% for sub mountainous region								3.73
		Labour for	1.00	Sqm.						41.03
		Cost for	1.00	Sqm.						189.35

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.18		Corrugated G.I. Sheet roofing 0.80 mm thick fixed with galvanized iron J or L hooks 10mm dia, G.I. Limpot and bitumen washers complete excluding the cost of purling rafters and trusses								
		Unit :-	1.00	Sqm.						
		Taking size of shed = 18.7m x 9.5m								
		(Extended dimension at plinth)								
		Therefore area of roof- 19m x 10.2m :-	195.70	Sqm.						
I		MATERIALS								
(i)		Gavansied sheet 0.80 mm thick								
(a)		2x27=54 No. 2.5mx800mm. @ 15.48 Kg. Per sheet = 835.92 Kg.								
(b)		2x27=54 No. 2.5mx800mm. @ 17.34 Kg. Per sheet = <u>936.36 Kg.</u>								
		= 1772.28								
		Add for wastage @ 5% = 88.61								
		= 1860.89								
		Say 18.60 qtl								
				t	1.86	69150.00	128619.00			
(ii)		25mmx5m G.I. Bolts and nuts		Each	600	1.27	762.00			
(iii)		G.I. Hooks/Nut and Bolts size 15mm x 8mm		Each	480	2.70	1296.00			
(iv)		Limpet washers		Each	1080	0.72	777.60			
(v)		Bitumen washers		Each	1080	0.72	777.60			
		Total - I					132232.20			
		Sundries @ 1% i.e. on Rs. 132232.2					1322.32			
		Add contractor's profit @ 10% i.e. on Rs. 133554.52					13355.45			
		Add Labour cess @ 1% i.e. on Rs. 146909.97					1469.10			
		Material cost for	195.70	Sqm.			148379.07			
		Material cost for	1.00	Sqm.			758.20	758.20		758.20
II		Labour								
		Taking output	195.70	Sqm						
(i)		Blacksmith 1st class		Each	1.5	223.36	335.04			
(ii)		Carpenter 2nd class		Each	16	190.00	3040.00			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(iii)		Mazdoors			Each	15	136.69	2050.35				
		Total - II						5425.39				
		Sundries @ 1% i.e. on Rs. 5425.39						54.25				
		Add contractor's profit @ 21.50% i.e. on Rs. 5479.64						1178.12				
		Add Labour cess @ 1% i.e. on Rs. 6657.76						66.58				
		Labour for	195.70	Sqm				6724.34				
		Labour for	1.00	Sqm.				34.36	34.36			34.36
		Cost for	1.00	Sqm.					792.56			
		Add 10% for sub mountainous region										3.44
		Labour for	1.00	Sqm.								37.80
		Cost for	1.00	Sqm.								796.00

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.19		Corrugated asbestos Sheet roofing 6 mm thick sheets fixed with G.I. hooks and bolts, limpet and bitumen washers complete fixed in position excluding the cost of perlins, rafters and trusses.								
		Unit :-	1.00	Sqm.						
		Taking size of shed = 18.2m x 9.2m (External dimensions at plinth)								
		Therefore area of roof- 18.5m x 10m :-	185.00	Sqm.						
I		MATERIALS								
(i)		Sheet used								
(a)		2x19 Nos. x2.50mx1.05 M Sinze = 99.75 Sqm								
(b)		2x19 Nos. x2.75mx1.05 M Sinze = 109.72 Sqm								
		= 209.475 Sqm								
		Add for wastage @5% = 10.474 Sqm								
		= 219.949 Sqm								
		Say 220 Sqm		Sqm	220	221.81	48798.20			
(ii)		G.I. Hooks/Nut and Bolts size 15mm x 8mm		Each	410	2.70	1107.00			
(iii)		G.I. Washers		Each	410	0.84	344.40			
(iv)		Bitumen washers		Each	410	0.72	295.20			
		Total - I					50544.80			
		Sundries @ 1% i.e. on Rs. 50544.8					505.45			
		Add contractor's profit @ 10% i.e. on Rs. 51050.25					5105.03			
		Add Labour cess @ 1% i.e. on Rs. 56155.28					561.55			
		Material cost for	185.00	Sqm.			56716.83			
		Material cost for	1.00	Sqm.			306.58	306.58		306.58
II		Labour								
		Taking output	185.00	Sqm						
(i)		Blacksmith 1st class for laying sheets and making holes etc.		Each	3	223.36	670.08			
(ii)		Blacksmith 1st class for fixing hooks with washer and nuts		Each	3	223.36	670.08			
(iii)		Carpenter 2nd class		Each	18	190.00	3420.00			
(iv)		Mazdoors for hoisting sheets etc.		Each	16	136.69	2187.04			
		Total - II					6947.20			
		Sundries @ 1% i.e. on Rs. 6947.2					69.47			
		Add contractor's profit @ 21.50% i.e. on Rs. 7016.67					1508.58			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add Labour cess @ 1% i.e. on Rs. 8525.25						85.25				
		Labour for	185.00	Sqm				8610.50				
		Labour for	1.00	Sqm.				46.54	46.54			46.54
		Cost for	1.00	Sqm.					353.12			
		Add 10% for sub mountainous region										4.65
		Labour for	1.00	Sqm.								51.19
		Cost for	1.00	Sqm.								357.77

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.20		Semi Corrugated asbestos Sheet roofing 7 mm thick sheets fixed with G.I. hooks and bolts, limpet and bitumen washers complete fixed in position excluding the cost of perlins, rafters and trusses.								
		Unit :-	1.00	Sqm.						
		Taking size of shed = 18.2m x 9.2m (External dimensions at plinth)								
		Therefore area of roof- 18.5m x 10m :-	185.00	Sqm.						
I		MATERIALS								
(i)		Sheet used = 220 Sqm								
(a)		2x19 Nos. x2.50mx1.05 M Sinze = 99.75 Sqm								
(b)		2x19 Nos. x2.75mx1.05 M Sinze = 109.72 Sqm								
		= 209.475 Sqm								
		Add for wastage @5% = 10.474 Sqm								
		= 219.949 Sqm								
				Sqm	220	229.78	50551.60			
(ii)		G.I. Hooks/Nut and Bolts size 15mm x 8mm		Each	410	2.70	1107.00			
(iii)		G.I. Washers		Each	410	0.84	344.40			
(iv)		Bitumen washers		Each	410	0.72	295.20			
		Total - I					52298.20			
		Sundries @ 1% i.e. on Rs. 52298.2					522.98			
		Add contractor's profit @ 10% i.e. on Rs. 52821.18					5282.12			
		Add Labour cess @ 1% i.e. on Rs. 58103.3					581.03			
		Material cost for	185.00	Sqm.			58684.33			
		Material cost for	1.00	Sqm.			317.21	317.21		317.21
II		Labour								
		Taking output	185.00	Sqm						
(i)		Blacksmith 1st class for laying sheets and making holes etc.		Each	3	223.36	670.08			
(ii)		Blacksmith 1st class for fixing hooks with washer and nuts		Each	3	223.36	670.08			
(iii)		Carpenter 2nd class		Each	18	190.00	3420.00			
(iv)		Mazdoors for hoisting sheets etc.		Each	16	136.69	2187.04			
		Total - II					6947.20			
		Sundries @ 1% i.e. on Rs. 6947.2					69.47			
		Add contractor's profit @ 21.50% i.e. on Rs. 7016.67					1508.58			
		Add Labour cess @ 1% i.e. on Rs. 8525.25					85.25			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
			Labour for	185.00	Sqm			8610.50				
			Labour for	1.00	Sqm.			46.54	46.54			46.54
			Cost for	1.00	Sqm.				363.75			
		Add 10% for sub mountainous region										4.65
			Labour for	1.00	Sqm.							51.19
			Cost for	1.00	Sqm.							368.40

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.21		Ridges and valleys 45 cm overall, in plain G.I. Sheet 0.80mm fixed with galvanized iron J. and L. hooks 10mm diameter, G.I. Limpet and bitumen washers complete								
		Unit :-	1.00	Mtr.						
		Taking length of ridge :-	18.00	Mtr.						
I		MATERIALS								
(i)		Sheet used 2.5mx900mm. G.I. Plain sheets 4 No. @ 15.48 Kg. Per sheet or 61.92 Kg. Say 62 Kg.		Tonne	0.062	69150.00	4287.30			
(ii)		G.I. Hooks/Nut and Bolts size 25mm x 5mm		Each	80	1.27	101.60			
(iii)		Limpet washers		Each	80	0.72	57.60			
(iv)		Bitumen washers		Each	80	0.72	57.60			
		Total - I					4504.10			
		Sundries @ 1% i.e. on Rs. 4504.1					45.04			
		Add contractor's profit @ 10% i.e. on Rs. 4549.14					454.91			
		Add Labour cess @ 1% i.e. on Rs. 5004.05					50.04			
		Material cost for	18.00	Mtr.			5054.09			
		Material cost for	1.00	Mtr.			280.78	280.78		280.78
II		Labour								
		Taking output	18.00	Mtr.						
(i)		Blacksmith Ist class for laying ridges and making holes etc.		Each	1.5	223.36	335.04			
(ii)		Blacksmith Ist class for fixing hooks with washer and nuts		Each	1.5	223.36	335.04			
(iii)		Mazdoors		Each	3	136.69	410.07			
		Total - II					1080.15			
		Sundries @ 1% i.e. on Rs. 1080.15					10.80			
		Add contractor's profit @ 21.50% i.e. on Rs. 1090.95					234.55			
		Add Labour cess @ 1% i.e. on Rs. 1325.5					13.26			
		Labour for	18.00	Mtr.			1338.76			
		Labour for	1.00	Mtr.			74.38	74.38		74.38
		Cost for	1.00	Mtr.				355.16		
		Add 10% for sub mountainous region								7.44
		Labour for	1.00	Mtr.						81.82
		Cost for	1.00	Mtr.						362.60

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.22		G.I. Sheet gutters 0.80mm thick semicircular 15cm diameter including fixing with clamps and making connections with rain water pipes.								
		Unit :-	1.00	Mtr.						
		Taking length of ridge :-	18.00	Mtr.						
I		MATERIALS								
(i)		Sheet used 2.5mx900mm. G.I. Plain sheets 4 No. @ 15.48 Kg. Per sheet or 61.92 Kg. Say 62 Kg.		Tonne	0.062	69150.00	4287.30			
(ii)		Flat iron clamps with bolts and nuts		Each	17	36.00	612.00			
		Total - I					4899.30			
		Sundries @ 1% i.e. on Rs. 4899.3					48.99			
		Add contractor's profit @ 10% i.e. on Rs. 4948.29					494.83			
		Add Labour cess @ 1% i.e. on Rs. 5443.12					54.43			
		Material cost for	18.00	Mtr.			5497.55			
		Material cost for	1.00	Mtr.			305.42	305.42		305.42
II		Labour								
		Taking output	18.00	Mtr.						
(i)		Blacksmith 1st class		Each	2	223.36	446.72			
(ii)		Carpenter 2nd class		Each	1.25	190.00	237.50			
(iii)		Mazdoors		Each	3	136.69	410.07			
		Total - II					1094.29			
		Sundries @ 1% i.e. on Rs. 1094.29					10.94			
		Add contractor's profit @ 21.50% i.e. on Rs. 1105.23					237.62			
		Add Labour cess @ 1% i.e. on Rs. 1342.85					13.43			
		Labour for	18.00	Mtr.			1356.28			
		Labour for	1.00	Mtr.			75.35	75.35		75.35
		Cost for	1.00	Mtr.				380.77		
		Add 10% for sub mountainous region								7.54
		Labour for	1.00	Mtr.						82.89
		Cost for	1.00	Mtr.						388.31

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.23		Asbestos cement ridges fixed with G.I. J & L hooks 10mm diametre G.I. Plain and bitumen washers complete.								
		Unit :-	1.00	Mtr.						
		Taking length of ridge :-	37.00	Mtr.						
I		MATERIALS								
(i)		Ridge pairs reuired= 38 pairs of 1.05m (The ridge pairs to be fixed with the same hooks as the A.C. Sheets		Pair	38	210.44	7996.72			
		Total - I					7996.72			
		Sundries @ 1% i.e. on Rs. 7996.72					79.97			
		Add contractor's profit @ 10% i.e. on Rs. 8076.69					807.67			
		Add Labour cess @ 1% i.e. on Rs. 8884.36					88.84			
		Material cost for	37.00	Mtr.			8973.20			
		Material cost for	1.00	Mtr.			242.52	242.52		242.52
II		Labour								
		Taking output	37.00	Mtr.						
(i)		Blacksmith 1st class		Each	0.25	223.36	55.84			
(ii)		Carpenter 2nd class		Each	1	190.00	190.00			
(iii)		Mazdoors		Each	3	136.69	410.07			
		Total - II					655.91			
		Sundries @ 1% i.e. on Rs. 655.91					6.56			
		Add contractor's profit @ 21.50% i.e. on Rs. 662.47					142.43			
		Add Labour cess @ 1% i.e. on Rs. 804.9					8.05			
		Labour for	37.00	Mtr.			812.95			
		Labour for	1.00	Mtr.			21.97	21.97		21.97
		Cost for	1.00	Mtr.				264.49		
		Add 10% for sub mountainous region								2.20
		Labour for	1.00	Mtr.						24.17
		Cost for	1.00	Mtr.						266.69

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.24		Asbestos cement valley gutter 45cmx12.5cmx15cm size fixed with galvanised iron J and L hooks 10mm diameter and flat iron clamps 25mmX3mm size G.I. Plain and bitumen washers including asbestos rope and plastic compund in joints complete.								
		Unit :-	1.00	Mtr.						
		Taking length of ridge :-	18.50	Mtr.						
I		MATERIALS								
(i)		Asbestos cement vally gutters 45cmx12.5cmx15cm in 2metres length		Each	11	597.19	6569.09			
(ii)		Flat iron clamps with bolts and nuts		Each	12	36.00	432.00			
(iii)		G.I. Hooks/Nut and Bolts size 40mm x 20mm		Each	36	1.50	54.00			
(iv)		G.I. Hooks/Nut and Bolts size 15mm x 10mm		Each	36	2.70	97.20			
(v)		G.I. Washers		Each	72	0.84	60.48			
(vi)		Bitumen washers		Each	72	0.72	51.84			
(viii)		Plastic compound for 10 joints at 850gm per joint = 8.5 Kg.		Qtl.	0.085	18000.00	1530.00			
		Total - I					8794.61			
		Sundries @ 1% i.e. on Rs. 8794.61					87.95			
		Add contractor's profit @ 10% i.e. on Rs. 8882.56					888.26			
		Add Labour cess @ 1% i.e. on Rs. 9770.82					97.71			
		Material cost for	18.50	Mtr.			9868.53			
		Material cost for	1.00	Mtr.			533.43	533.43		533.43
II		Labour								
		Taking output	18.50	Mtr.						
(i)		Blacksmith Ist class		Each	0.25	223.36	55.84			
(ii)		Carpenter 2nd class		Each	0.75	190.00	142.50			
(iii)		Mazdoors		Each	1.5	136.69	205.04			
		Total - II					403.38			
		Sundries @ 1% i.e. on Rs. 403.38					4.03			
		Add contractor's profit @ 21.50% i.e. on Rs. 407.41					87.59			
		Add Labour cess @ 1% i.e. on Rs. 495					4.95			
		Labour for	18.50	Mtr.			499.95			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	1.00	Mtr.				27.02	27.02			27.02
		Cost for	1.00	Mtr.					560.45			
		Add 10% for sub mountainous region										2.70
		Labour for	1.00	Mtr.								29.72
		Cost for	1.00	Mtr.								563.15

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.25		Providing and fixing asbestos cement corrugated and semi corrugated apron piece with crank bolts in position etc complete.								
		Unit :-	1.00	Mtr.						
		Taking length of ridge :-	3.00	Mtr.						
I		MATERIALS								
(i)		Apron piece		Each	3	240.00	720.00			
(ii)		Crank bolt with washers		Each	3	25.20	75.60			
		Total - I					795.60			
		Sundries @ 1% i.e. on Rs. 795.6					7.96			
		Add contractor's profit @ 10% i.e. on Rs. 803.56					80.36			
		Add Labour cess @ 1% i.e. on Rs. 883.92					8.84			
		Material cost for	3.00	Mtr.			892.76			
		Material cost for	1.00	Mtr.			297.59	297.59		297.59
II		Labour								
		Taking output	3.00	Mtr.						
(i)		Blacksmith Ist class		Each	0.167	223.36	37.30			
(ii)		Mazdoors		Each	0.167	136.69	22.83			
		Total - II					60.13			
		Sundries @ 1% i.e. on Rs. 60.13					0.60			
		Add contractor's profit @ 21.50% i.e. on Rs. 60.73					13.06			
		Add Labour cess @ 1% i.e. on Rs. 73.79					0.74			
		Labour for	3.00	Mtr.			74.53			
		Labour for	1.00	Mtr.			24.84	24.84		24.84
		Cost for	1.00	Mtr.				322.43		
		Add 10% for sub mountainous region								2.48
		Labour for	1.00	Mtr.						27.32
		Cost for	1.00	Mtr.						324.91

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.26		Providinga and fixing asbestos cement corrugated ridge Final in the ridge.								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Ridge Final			Each	1	180.00	180.00		
(ii)		Scan bolts			Each	1	16.20	16.20		
		Total - I					196.20			
		Sundries @ 1% i.e. on Rs. 196.2					1.96			
		Add contractor's profit @ 10% i.e. on Rs. 198.16					19.82			
		Add Labour cess @ 1% i.e. on Rs. 217.98					2.18			
		Material cost for	1.00	Nos.			220.16	220.16		220.16
II		Labour								
		Taking output	1.00	Nos.						
(i)		Blacksmith Ist class			Each	0.067	223.36	14.97		
(ii)		Mazdoors			Each	0.067	136.69	9.16		
		Total - II					24.13			
		Sundries @ 1% i.e. on Rs. 24.13					0.24			
		Add contractor's profit @ 21.50% i.e. on Rs. 24.37					5.24			
		Add Labour cess @ 1% i.e. on Rs. 29.61					0.30			
		Labour for	1.00	Nos.			29.91	29.91		29.91
		Cost for	1.00	Nos.				250.07		
		Add 10% for sub mountainous region								2.99
		Labour for	1.00	Nos.						32.90
		Cost for	1.00	Nos.						253.06

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.27		Providing and fixing asbestos cement semicorrugated sheet ridge, Final in the ridge.								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Ridge Final	Each	1	180.00	180.00				
(ii)		Scan bolts	Each	1	16.20	16.20				
		Total - I				196.20				
		Sundries @ 1% i.e. on Rs. 196.2				1.96				
		Add contractor's profit @ 10% i.e. on Rs. 198.16				19.82				
		Add Labour cess @ 1% i.e. on Rs. 217.98				2.18				
		Material cost for	1.00	Nos.		220.16	220.16			220.16
II		Labour								
		Taking output	1.00	Nos.						
(i)		Blacksmith Ist class	Each	0.067	223.36	14.97				
(ii)		Mazdoors	Each	0.067	136.69	9.16				
		Total - II				24.13				
		Sundries @ 1% i.e. on Rs. 24.13				0.24				
		Add contractor's profit @ 21.50% i.e. on Rs. 24.37				5.24				
		Add Labour cess @ 1% i.e. on Rs. 29.61				0.30				
		Labour for	1.00	Nos.		29.91	29.91			29.91
		Cost for	1.00	Nos.			250.07			
		Add 10% for sub mountainous region								2.99
		Labour for	1.00	Nos.						32.90
		Cost for	1.00	Nos.						253.06

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.28		Providing and fixing asbestos cement corrugated sheet eaves filler piece in position etc complete.								
		Unit :-	1.00	Mtr.						
		Taking Length :-	6.00	Mtr.						
I		MATERIALS								
(i)		Eaves filler		Each	6	156.00	936.00			
(ii)		Hook bolts		Each	7	16.20	113.40			
		Total - I					1049.40			
		Sundries @ 1% i.e. on Rs. 1049.4					10.49			
		Add contractor's profit @ 10% i.e. on Rs. 1059.89					105.99			
		Add Labour cess @ 1% i.e. on Rs. 1165.88					11.66			
		Material cost for	6.00	Mtr.			1177.54			
		Material cost for	1.00	Mtr.			196.26	196.26		196.26
II		Labour								
		Taking output	6.00	Mtr.						
(i)		Blacksmith Ist class		Each	0.25	223.36	55.84			
(ii)		Mazdoors		Each	0.25	136.69	34.17			
		Total - II					90.01			
		Sundries @ 1% i.e. on Rs. 90.01					0.90			
		Add contractor's profit @ 21.50% i.e. on Rs. 90.91					19.55			
		Add Labour cess @ 1% i.e. on Rs. 110.46					1.10			
		Labour for	6.00	Mtr.			111.56			
		Labour for	1.00	Mtr.			18.59	18.59		18.59
		Cost for	1.00	Mtr.				214.85		
		Add 10% for sub mountainous region								1.86
		Labour for	1.00	Mtr.						20.45
		Cost for	1.00	Mtr.						216.71

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.29		Providing and fixing asbestos cement semicorrugated sheet eaves filler piece in position etc complete								
		Unit :-	1.00	Mtr.						
		Taking Length :-	6.00	Mtr.						
I		MATERIALS								
(i)		Eaves filler		Each	6	156.00	936.00			
(ii)		Hook bolts		Each	7	16.20	113.40			
		Total - I					1049.40			
		Sundries @ 1% i.e. on Rs. 1049.4					10.49			
		Add contractor's profit @ 10% i.e. on Rs. 1059.89					105.99			
		Add Labour cess @ 1% i.e. on Rs. 1165.88					11.66			
		Material cost for	6.00	Mtr.			1177.54			
		Material cost for	1.00	Mtr.			196.26	196.26		196.26
II		Labour								
		Taking output	6.00	Mtr.						
(i)		Blacksmith Ist class		Each	0.25	223.36	55.84			
(ii)		Mazdoors		Each	0.25	136.69	34.17			
		Total - II					90.01			
		Sundries @ 1% i.e. on Rs. 90.01					0.90			
		Add contractor's profit @ 21.50% i.e. on Rs. 90.91					19.55			
		Add Labour cess @ 1% i.e. on Rs. 110.46					1.10			
		Labour for	6.00	Mtr.			111.56			
		Labour for	1.00	Mtr.			18.59	18.59		18.59
		Cost for	1.00	Mtr.				214.85		
		Add 10% for sub mountainous region								1.86
		Labour for	1.00	Mtr.						20.45
		Cost for	1.00	Mtr.						216.71

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.30		Providing and fixing asbestos cement expansion joints for semi corrugated sheets fixed with 16mm dia G.I. Bolts with bitumen and G.I. washer etc complete.								
		Unit :-	1.00	Mtr.						
		Taking Length :-	3.00	Mtr.						
I		MATERIALS								
(i)		Expansion joint sheets		Each	1	180.00	180.00			
(ii)		G.I. Hooks/Nut and Bolts size 15mm x 10mm		Each	3	2.70	8.10			
(iii)		G.I. Washers		Each	6	0.84	5.04			
		Total - I					193.14			
		Sundries @ 1% i.e. on Rs. 193.14					1.93			
		Add contractor's profit @ 10% i.e. on Rs. 195.07					19.51			
		Add Labour cess @ 1% i.e. on Rs. 214.58					2.15			
		Material cost for	3.00	Mtr.			216.73			
		Material cost for	1.00	Mtr.			72.24			72.24
II		Labour								
		Taking output	3.00	Mtr.						
(i)		Blacksmith Ist class		Each	0.10	223.36	22.34			
(ii)		Mazdoors		Each	0.10	136.69	13.67			
		Total - II					36.01			
		Sundries @ 1% i.e. on Rs. 36.01					0.36			
		Add contractor's profit @ 21.50% i.e. on Rs. 36.37					7.82			
		Add Labour cess @ 1% i.e. on Rs. 44.19					0.44			
		Labour for	3.00	Mtr.			44.63			
		Labour for	1.00	Mtr.			14.88			14.88
		Cost for	1.00	Mtr.						
		Add 10% for sub mountainous region								1.49
		Labour for	1.00	Mtr.						16.37
		Cost for	1.00	Mtr.						88.61

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.31		Providing and fixing asbestos cement semi corrugated & corrugated sheet north light curves with asbestos sheet roofing and purlins etc.								
		Unit :-	1.00	Mtr.						
		Taking Length :-	3.00	Mtr.						
I		MATERIALS								
(i)		North light curves		Each	3	540.00	1620.00			
(ii)		Hook bolts with washers		Each	3	19.80	59.40			
(iii)		Seam bolts with washers etc.		Each	3	16.20	48.60			
		Total - I					1728.00			
		Sundries @ 1% i.e. on Rs. 1728					17.28			
		Add contractor's profit @ 10% i.e. on Rs. 1745.28					174.53			
		Add Labour cess @ 1% i.e. on Rs. 1919.81					19.20			
		Material cost for	3.00	Mtr.			1939.01			
		Material cost for	1.00	Mtr.			646.34	646.34		646.34
II		Labour								
		Taking output	3.00	Mtr.						
(i)		Blacksmith 1st class		Each	0.125	223.36	27.92			
(ii)		Mazdoors		Each	0.125	136.69	17.09			
		Total - II					45.01			
		Sundries @ 1% i.e. on Rs. 45.01					0.45			
		Add contractor's profit @ 21.50% i.e. on Rs. 45.46					9.77			
		Add Labour cess @ 1% i.e. on Rs. 55.23					0.55			
		Labour for	3.00	Mtr.			55.78			
		Labour for	1.00	Mtr.			18.59	18.59		18.59
		Cost for	1.00	Mtr.				664.93		
		Add 10% for sub mountainous region								1.86
		Labour for	1.00	Mtr.						20.45
		Cost for	1.00	Mtr.						666.79

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.32		Providing and fixing asbestos expansion joints or north light curves etc. complete								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Expansion joints	Each	1	180.00	180.00				
		Total - I				180.00				
		Sundries @ 1% i.e. on Rs. 180				1.80				
		Add contractor's profit @ 10% i.e. on Rs. 181.8				18.18				
		Add Labour cess @ 1% i.e. on Rs. 199.98				2.00				
		Material cost for	1.00	Nos.		201.98	201.98			201.98
II		Labour								
		Taking output	1.00	Nos.						
(i)		Blacksmith Ist class	Each	0.050	223.36	11.17				
(ii)		Mazdoors	Each	0.050	136.69	6.83				
		Total - II				18.00				
		Sundries @ 1% i.e. on Rs. 18				0.18				
		Add contractor's profit @ 21.50% i.e. on Rs. 18.18				3.91				
		Add Labour cess @ 1% i.e. on Rs. 22.09				0.22				
		Labour for	1.00	Nos.		22.31	22.31			22.31
		Cost for	1.00	Nos.			224.29			
		Add 10% for sub mountainous region								2.23
		Labour for	1.00	Nos.						24.54
		Cost for	1.00	Nos.						226.52

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.33		Providing and fixing asbestos expansion joints for ridge etc. complete								
		Unit :-	1.00	Pair						
		Taking output	1.00	Pair						
I		MATERIALS								
(i)		Expansion joints	Each	1	180.00	180.00				
		Total - I				180.00				
		Sundries @ 1% i.e. on Rs. 180				1.80				
		Add contractor's profit @ 10% i.e. on Rs. 181.8				18.18				
		Add Labour cess @ 1% i.e. on Rs. 199.98				2.00				
		Material cost for	1.00	Pair		201.98	201.98			201.98
II		Labour								
		Taking output	1.00	Pair						
(i)		Blacksmith Ist class	Each	0.100	223.36	22.34				
(ii)		Mazdoors	Each	0.100	136.69	13.67				
		Total - II				36.01				
		Sundries @ 1% i.e. on Rs. 36.01				0.36				
		Add contractor's profit @ 21.50% i.e. on Rs. 36.37				7.82				
		Add Labour cess @ 1% i.e. on Rs. 44.19				0.44				
		Labour for	1.00	Pair		44.63	44.63			44.63
		Cost for	1.00	Pair			246.61			
		Add 10% for sub mountainous region								4.46
		Labour for	1.00	Pair						49.09
		Cost for	1.00	Pair						251.07

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.34		Providing and fixing asbestos cement rain water pipe 100mm dia with M.S. holder and clamps fixed on wall face with cement mortar 1:4 complete								
		Unit :-	1.00	Mtr.						
		Taking Length :-	3.60	Mtr.						
I		MATERIALS								
(i)		Length 3.6 m								
		Add wastage at 5% 0.18 m								
		. 3.78 m								
				Metre	3.78	79.63	301.00			
(ii)		Cement mortar spun yarn		Kg.	0.1	159.25	15.93			
(iii)		Flat iron clamps with bolts and nuts		Each	2	36.00	72.00			
		Total - I					388.93			
		Sundries @ 1% i.e. on Rs. 388.93					3.89			
		Add contractor's profit @ 10% i.e. on Rs. 392.82					39.28			
		Add Labour cess @ 1% i.e. on Rs. 432.1					4.32			
		Material cost for	3.60	Mtr.			436.42			
		Material cost for	1.00	Mtr.			121.23	121.23		121.23
II		Labour								
		Taking output	3.60	Mtr.						
(i)		Mason 2nd class for fixing pipe with clamp in wall		Each	0.50	190.00	95.00			
(ii)		Mazdoors		Each	0.50	136.69	68.35			
		Total - II					163.35			
		Sundries @ 1% i.e. on Rs. 163.35					1.63			
		Add contractor's profit @ 21.50% i.e. on Rs. 164.98					35.47			
		Add Labour cess @ 1% i.e. on Rs. 200.45					2.00			
		Labour for	3.60	Mtr.			202.45			
		Labour for	1.00	Mtr.			56.24	56.24		56.24
		Cost for	1.00	Mtr.				177.47		
		Add 10% for sub mountainous region								5.62
		Labour for	1.00	Mtr.						61.86
		Cost for	1.00	Mtr.						183.09

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.35		Embedding asbestos cement 100mm dia rain water pipe in cement mortar curing masonry works								
		Unit :-	1.00	Mtr.						
		Taking Length of pipe :-	3.60	Mtr.						
I		MATERIALS								
(i)		A.C. Pipe 3.6 m								
		Add wastage at 5% 0.18 m								
		3.78 m								
				Metre	3.78	79.63	301.00			
(ii)		Cement mortar spun yarn		Kg.	0.1	159.25	15.93			
		Total - I					316.93			
		Sundries @ 1% i.e. on Rs. 316.93					3.17			
		Add contractor's profit @ 10% i.e. on Rs. 320.1					32.01			
		Add Labour cess @ 1% i.e. on Rs. 352.11					3.52			
		Material cost for	3.60	Mtr.			355.63			
		Material cost for	1.00	Mtr.			98.79	98.79		98.79
II		Labour								
		Taking output	3.60	Mtr.						
(i)		mason Ist class		Each	0.167	223.36	37.30			
(ii)		Mazdoors		Each	0.13	136.69	17.09			
		Total - II					54.39			
		Sundries @ 1% i.e. on Rs. 54.39					0.54			
		Add contractor's profit @ 21.50% i.e. on Rs. 54.93					11.81			
		Add Labour cess @ 1% i.e. on Rs. 66.74					0.67			
		Labour for	3.60	Mtr.			67.41			
		Labour for	1.00	Mtr.			18.73	18.73		18.73
		Cost for	1.00	Mtr.				117.52		
		Add 10% for sub mountainous region								1.87
		Labour for	1.00	Mtr.						20.60
		Cost for	1.00	Mtr.						119.39

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.36		Providing and fixing asbestos cement plain bend 100mm dia in position with gutter etc.								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Plain bend			Each	1	45.50	45.50		
(ii)		Cement mortar spun yarn			Kg.	0.1	159.25	15.93		
		Total - I					61.43			
		Sundries @ 1% i.e. on Rs. 61.43					0.61			
		Add contractor's profit @ 10% i.e. on Rs. 62.04					6.20			
		Add Labour cess @ 1% i.e. on Rs. 68.24					0.68			
		Material cost for	1.00	Nos.			68.92	68.92		68.92
II		Labour								
		Taking output	1.00	Nos.						
(i)		Mason 2nd class for fixing bend			Each	0.100	190.00	19.00		
		Total - II					19.00			
		Sundries @ 1% i.e. on Rs. 19					0.19			
		Add contractor's profit @ 21.50% i.e. on Rs. 19.19					4.13			
		Add Labour cess @ 1% i.e. on Rs. 23.32					0.23			
		Labour for	1.00	Nos.			23.55	23.55		23.55
		Cost for	1.00	Nos.				92.47		
		Add 10% for sub mountainous region								2.36
		Labour for	1.00	Nos.						25.91
		Cost for	1.00	Nos.						94.83

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.37		Providing and fixing asbestos cement swan neck 100mm dia in position with asbestos cement pipe								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Swan neck	Each	1	108.00	108.00				
(ii)		Cement mortar spun yarn	Kg.	0.1	159.25	15.93				
		Total - I				123.93				
		Sundries @ 1% i.e. on Rs. 123.93				1.24				
		Add contractor's profit @ 10% i.e. on Rs. 125.17				12.52				
		Add Labour cess @ 1% i.e. on Rs. 137.69				1.38				
		Material cost for	1.00	Nos.		139.07	139.07			139.07
II		Labour								
		Taking output	1.00	Nos.						
(i)		Mason lind class for fixing bend	Each	0.100	190.00	19.00				
(ii)		Mazdoors	Each	0.050	136.69	6.83				
		Total - II				25.83				
		Sundries @ 1% i.e. on Rs. 25.83				0.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 26.09				5.61				
		Add Labour cess @ 1% i.e. on Rs. 31.7				0.32				
		Labour for	1.00	Nos.		32.02	32.02			32.02
		Cost for	1.00	Nos.			171.09			
		Add 10% for sub mountainous region								3.20
		Labour for	1.00	Nos.						35.22
		Cost for	1.00	Nos.						174.29

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.38		Providing and fixing asbestos cement hexagonal rainwater head 33cmx24cm for asbestos cement pipe in position.								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Hexagonal rainwater head	Each	1	168.00	168.00				
(ii)		Cement mortar spun yarn	Kg.	0.1	159.25	15.93				
		Total - I				183.93				
		Sundries @ 1% i.e. on Rs. 183.93				1.84				
		Add contractor's profit @ 10% i.e. on Rs. 185.77				18.58				
		Add Labour cess @ 1% i.e. on Rs. 204.35				2.04				
		Material cost for	1.00	Nos.		206.39	206.39			206.39
II		Labour								
		Taking output	1.00	Nos.						
(i)		Mason lind class for fixing bend	Each	0.125	190.00	23.75				
(ii)		Mazdoors	Each	0.100	136.69	13.67				
		Total - II				37.42				
		Sundries @ 1% i.e. on Rs. 37.42				0.37				
		Add contractor's profit @ 21.50% i.e. on Rs. 37.79				8.12				
		Add Labour cess @ 1% i.e. on Rs. 45.91				0.46				
		Labour for	1.00	Nos.		46.37	46.37			46.37
		Cost for	1.00	Nos.			252.76			
		Add 10% for sub mountainous region								4.64
		Labour for	1.00	Nos.						51.01
		Cost for	1.00	Nos.						257.40

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.39		Providing and fixing asbestos shoe for asbestos cement rain water pipe in position.								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Shoe	Each	1	45.50	45.50				
(ii)		Cement mortar spun yarn	Kg.	0.1	159.25	15.93				
		Total - I				61.43				
		Sundries @ 1% i.e. on Rs. 61.43				0.61				
		Add contractor's profit @ 10% i.e. on Rs. 62.04				6.20				
		Add Labour cess @ 1% i.e. on Rs. 68.24				0.68				
		Material cost for	1.00	Nos.		68.92	68.92			68.92
II		Labour								
		Taking output	1.00	Nos.						
(i)		Mason lind class for fixing bend	Each	0.100	190.00	19.00				
(ii)		Mazdoors	Each	0.050	136.69	6.83				
		Total - II				25.83				
		Sundries @ 1% i.e. on Rs. 25.83				0.26				
		Add contractor's profit @ 21.50% i.e. on Rs. 26.09				5.61				
		Add Labour cess @ 1% i.e. on Rs. 31.7				0.32				
		Labour for	1.00	Nos.		32.02	32.02			32.02
		Cost for	1.00	Nos.			100.94			
		Add 10% for sub mountainous region								3.20
		Labour for	1.00	Nos.						35.22
		Cost for	1.00	Nos.						104.14

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.4		Providing and fixing union clips in gutter of asbestos cemetn sheet roofing etc complete								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Union clips	Each	1	108.00	108.00				
		Total - I				108.00				
		Sundries @ 1% i.e. on Rs. 108				1.08				
		Add contractor's profit @ 10% i.e. on Rs. 109.08				10.91				
		Add Labour cess @ 1% i.e. on Rs. 119.99				1.20				
		Material cost for	1.00	Nos.		121.19	121.19			121.19
II		Labour								
		Taking output	1.00	Nos.						
(i)		Blacksmith Ist class	Each	0.111	223.36	24.79				
(ii)		Mazdoors	Each	0.100	136.69	13.67				
		Total - II				38.46				
		Sundries @ 1% i.e. on Rs. 38.46				0.38				
		Add contractor's profit @ 21.50% i.e. on Rs. 38.84				8.35				
		Add Labour cess @ 1% i.e. on Rs. 47.19				0.47				
		Labour for	1.00	Nos.		47.66	47.66			47.66
		Cost for	1.00	Nos.			168.85			
		Add 10% for sub mountainous region								4.77
		Labour for	1.00	Nos.						52.43
		Cost for	1.00	Nos.						173.62

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.41		Providing and fixing cast iron 100mm dia rain water pipe with screw and wooden plugs fixed and wall face including filling joints with spun yarn and cement mortar 1:2 excluding head and shoes etc.								
		Unit :-	1.00	Mtr.						
		Taking Length :-	3.60	Mtr.						
I		MATERIALS								
(i)		Length 3.6 m								
		Add breakage at 10% 0.36 m								
		3.96 m								
(ii)		Cement mortar spun yarn								
(iii)		Flat iron clamps with bolts and nuts								
		Total - I								
		Sundries @ 1% i.e. on Rs. 2369.01								
		Add contractor's profit @ 10% i.e. on Rs. 2392.7								
		Add Labour cess @ 1% i.e. on Rs. 2631.97								
		Material cost for	3.60	Mtr.						
		Material cost for	1.00	Mtr.						
II		Labour								
(i)		Mason 2nd class for fixing pipe with clamp in wall								
(ii)		Mazdoors for carrying and holding pipes etc.								
		Total - II								
		Sundries @ 1% i.e. on Rs. 174.69								
		Add contractor's profit @ 21.50% i.e. on Rs. 176.44								
		Add Labour cess @ 1% i.e. on Rs. 214.37								
		Labour for	3.60	Mtr.						
		Labour for	1.00	Mtr.						
		Cost for	1.00	Mtr.						
		Add 10% for sub mountainous region								
		Labour for	1.00	Mtr.						
		Cost for	1.00	Mtr.						

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.42		Providing and fixing cast iron head for rain water pipe on wooden plugs fixed on wall face including filling the joints with spun yarn and cement mortar 1:2								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Cost of head			Each	1	263.75	263.75		
(ii)		Cement mortar spun yarn			Kg.	0.1	159.25	15.93		
(iii)		Flat iron clamps with bolts and nuts			Each	2	36.00	72.00		
		Total - I					351.68			
		Sundries @ 1% i.e. on Rs. 351.68					3.52			
		Add contractor's profit @ 10% i.e. on Rs. 355.2					35.52			
		Add Labour cess @ 1% i.e. on Rs. 390.72					3.91			
		Material cost for	0.00	0			394.63	394.63		394.63
II		Labour								
		Taking output	1.00	Nos.						
(i)		Mason 2nd class for fixing head			Each	0.167	190.00	31.73		
(ii)		Mazdoors			Each	0.06	136.69	8.54		
		Total - II					40.27			
		Sundries @ 1% i.e. on Rs. 40.27					0.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 40.67					8.74			
		Add Labour cess @ 1% i.e. on Rs. 49.41					0.49			
		Labour for	1.00	Nos.			49.90	49.90		49.90
		Cost for	1.00	Nos.				444.53		
		Add 10% for sub mountainous region								4.99
		Labour for	1.00	Nos.						54.89
		Cost for	1.00	Nos.						449.52

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.43		Providing and fixing cast iron shoe for rain water pipe on wooden plugs fixed on wall face including filling the joints with spun yarn and cement mortar 1:2								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		Cost of shoe			Each	1	284.85	284.85		
(ii)		Cement mortar spun yarn			Kg.	0.1	159.25	15.93		
(iii)		Flat iron clamps with bolts and nuts			Each	2	36.00	72.00		
		Total - I					372.78			
		Sundries @ 1% i.e. on Rs. 372.78					3.73			
		Add contractor's profit @ 10% i.e. on Rs. 376.51					37.65			
		Add Labour cess @ 1% i.e. on Rs. 414.16					4.14			
		Material cost for	1.00	Nos.			418.30	418.30		418.30
II		Labour								
		Taking output	1.00	Nos.						
(i)		Mason 2nd class for fixing head			Each	0.167	190.00	31.73		
(ii)		Mazdoors			Each	0.06	136.69	8.54		
		Total - II					40.27			
		Sundries @ 1% i.e. on Rs. 40.27					0.40			
		Add contractor's profit @ 21.50% i.e. on Rs. 40.67					8.74			
		Add Labour cess @ 1% i.e. on Rs. 49.41					0.49			
		Labour for	1.00	Nos.			49.90	49.90		49.90
		Cost for	1.00	Nos.				468.20		
		Add 10% for sub mountainous region								4.99
		Labour for	1.00	Nos.						54.89
		Cost for	1.00	Nos.						473.19

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.44		Embedding 100mm C.I. rain water pipe non pressure I.S.I. Mark pipe in cement mortar during masonry work.								
		Unit :-	1.00	Mtr.						
		Taking Length of pipe :-	4.00	Mtr.						
I		MATERIALS								
(i)		C.I. Pipe 4.00 m								
		Add wastage at 5% 0.40 m								
		4.40 m								
			Metre	4.4	576.03	2534.53				
(ii)		Cement mortar spun yarn	Kg.	0.1	159.25	15.93				
		Total - I				2550.46				
		Sundries @ 1% i.e. on Rs. 2550.46				25.50				
		Add contractor's profit @ 10% i.e. on Rs. 2575.96				257.60				
		Add Labour cess @ 1% i.e. on Rs. 2833.56				28.34				
		Material cost for 4.00 Mtr.				2861.90				
		Material cost for 1.00 Mtr.				715.48	715.48			715.48
II		Labour								
		Taking output 4.00 Mtr.								
(i)		mason Ist class		Each	0.100	223.36	22.34			
(ii)		Mazdoors		Each	0.25	136.69	34.17			
		Total - II				56.51				
		Sundries @ 1% i.e. on Rs. 56.51				0.57				
		Add contractor's profit @ 21.50% i.e. on Rs. 57.08				12.27				
		Add Labour cess @ 1% i.e. on Rs. 69.35				0.69				
		Labour for 4.00 Mtr.				70.04				
		Labour for 1.00 Mtr.				17.51	17.51			17.51
		Cost for 1.00 Mtr.					732.99			
		Add 10% for sub mountainous region								1.75
		Labour for 1.00 Mtr.								19.26
		Cost for 1.00 Mtr.								734.74

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.45		Top Khurra 0.6mx0.6m for rain water pipe in 25mm thick cement concrete 1:2:4 over 50.00 thick cement concrete 1:8:16								
		Unit :- 1.00 Nos.								
		Taking 0.6 x 0.6 x 25 = 9 Sqm. i.e. for 25.00 Nos.								
I		MATERIALS								
(i)		25mm thick cement concrete 1:2:4=9x0.025= 0.225 Cum								
		Rate as per item No. 10.11 (i)			Cum.	0.225	2186.75	492.02		
(ii)		50mm thick cement concrete 1:8:16=9x0.05= 0.45 Cum								
		Rate as per item No. 10.5 (i)			Cum.	0.45	1116.12	502.25		
		Total - I						994.27		
		Sundries @ 1% i.e. on Rs. 994.27						9.94		
		Add contractor's profit @ 10% i.e. on Rs. 1004.21						100.42		
		Add Labour cess @ 1% i.e. on Rs. 1104.63						11.05		
		Material cost for 25.00 Nos.						1115.68		
		Material cost for 1.00 Nos.						44.63	44.63	44.63
II		Labour								
		Taking output 25.00 Nos.								
(i)		Mason Ist class for cement concrete 1:2:4			Each	0.500	223.36	111.68		
(ii)		Mason Ist class for cement concrete 1:8:16			Each	0.250	223.36	55.84		
(iii)		Mazdoor for cement concrete 1:2:4			Each	0.750	136.69	102.52		
(iv)		Mazdoor for cement concrete 1:8:16			Each	0.750	136.69	102.52		
(ii)		Bhishti			Each	0.25	173.76	43.44		
		Total - II						416.00		
		Sundries @ 1% i.e. on Rs. 416						4.16		
		Add contractor's profit @ 21.50% i.e. on Rs. 420.16						90.33		
		Add Labour cess @ 1% i.e. on Rs. 510.49						5.10		
		Labour for 25.00 Nos.						515.59		
		Labour for 1.00 Nos.						20.62	20.62	20.62
		Cost for 1.00 Nos.						65.25		
		Add 10% for sub mountainous region								2.06
		Labour for 1.00 Nos.								22.68
		Cost for 1.00 Nos.								67.31

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.46		Khurra on roof as per item No. 13.43 with C.I. Spouts 100 mm dia fixed in position.								
		Unit :-	1.00	Nos.						
		Taking output	25.00	Nos.						
I		MATERIALS								
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 (Rate as per item No. 13.45)				994.27				
(ii)		C.I. Spouts 100 mm dia	Each	1	122.40	122.40				
		Total - I				1116.67				
		Sundries @ 1% i.e. on Rs. 1116.67				11.17				
		Add contractor's profit @ 10% i.e. on Rs. 1127.84				112.78				
		Add Labour cess @ 1% i.e. on Rs. 1240.62				12.41				
		Material cost for	25.00	Nos.		1253.03				
		Material cost for	1.00	Nos.		50.12	50.12			50.12
II		Labour								
		Taking output	25.00	Nos.						
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 Rate as per item No. 13.45 (ii)				416.00				
(i)		Mason Ist class for fixing spouts	Each	0.50	223.36	111.68				
(iii)		Mazdoor for fixing spouts	Each	0.50	136.69	68.35				
		Total - II				596.03				
		Sundries @ 1% i.e. on Rs. 596.03				5.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 601.99				129.43				
		Add Labour cess @ 1% i.e. on Rs. 731.42				7.31				
		Labour for	25.00	Nos.		738.73				
		Labour for	1.00	Nos.		29.55	29.55			29.55
		Cost for	1.00	Nos.			79.67			
		Add 10% for sub mountainous region								2.96
		Labour for	1.00	Nos.						32.51
		Cost for	1.00	Nos.						82.63

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.47		Khurra on roof as per item No. 13.43 with A.C Spouts 100 mm dia fixed in position.								
		Unit :-	1.00	Nos.						
		Taking output	25.00	Nos.						
I		MATERIALS								
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 (Rate as per item No. 13.45				994.27				
(ii)		A.C Spouts 100 mm dia	Each	1	86.40	86.40				
		Total - I				1080.67				
		Sundries @ 1% i.e. on Rs. 1080.67				10.81				
		Add contractor's profit @ 10% i.e. on Rs. 1091.48				109.15				
		Add Labour cess @ 1% i.e. on Rs. 1200.63				12.01				
		Material cost for	25.00	Nos.		1212.64				
		Material cost for	1.00	Nos.		48.51	48.51			48.51
II		Labour								
		Taking output	25.00	Nos.						
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 Rate as per item No. 13.45 (ii)				416.00				
(i)		Mason Ist class for fixing spouts	Each	0.50	223.36	111.68				
(iii)		Mazdoor for fixing spouts	Each	0.50	136.69	68.35				
		Total - II				596.03				
		Sundries @ 1% i.e. on Rs. 596.03				5.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 601.99				129.43				
		Add Labour cess @ 1% i.e. on Rs. 731.42				7.31				
		Labour for	25.00	Nos.		738.73				
		Labour for	1.00	Nos.		29.55	29.55			29.55
		Cost for	1.00	Nos.			78.06			
		Add 10% for sub mountainous region								2.96
		Labour for	1.00	Nos.						32.51
		Cost for	1.00	Nos.						81.02

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.48		Khurra on roof as per item No. 13.43 with G.I Spouts 100 mm dia fixed in position.								
		Unit :-	1.00	Nos.						
		Taking output	25.00	Nos.						
I		MATERIALS								
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 (Rate as per item No. 13.45				994.27				
(ii)		G.I. Spouts 100 mm dia	Each	1	63.00	63.00				
		Total - I				1057.27				
		Sundries @ 1% i.e. on Rs. 1057.27				10.57				
		Add contractor's profit @ 10% i.e. on Rs. 1067.84				106.78				
		Add Labour cess @ 1% i.e. on Rs. 1174.62				11.75				
		Material cost for	25.00	Nos.		1186.37				
		Material cost for	1.00	Nos.		47.45	47.45			47.45
II		Labour								
		Taking output	25.00	Nos.						
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 Rate as per item No. 13.45 (ii)				416.00				
(i)		Mason Ist class for fixing spouts	Each	0.50	223.36	111.68				
(iii)		Mazdoor for fixing spouts	Each	0.50	136.69	68.35				
		Total - II				596.03				
		Sundries @ 1% i.e. on Rs. 596.03				5.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 601.99				129.43				
		Add Labour cess @ 1% i.e. on Rs. 731.42				7.31				
		Labour for	25.00	Nos.		738.73				
		Labour for	1.00	Nos.		29.55	29.55			29.55
		Cost for	1.00	Nos.			77.00			
		Add 10% for sub mountainous region								2.96
		Labour for	1.00	Nos.						32.51
		Cost for	1.00	Nos.						79.96

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.49		Khurra on roof as per item No. 13.43 with R.C.C. spouts 100 mm dia fixed in position.								
		Unit :-	1.00	Nos.						
		Taking output	25.00	Nos.						
I		MATERIALS								
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 (Rate as per item No. 13.45				994.27				
(ii)		R.C.C. Spouts 100 mm dia	Each	1	100.00	100.00				
		Total - I				1094.27				
		Sundries @ 1% i.e. on Rs. 1094.27				10.94				
		Add contractor's profit @ 10% i.e. on Rs. 1105.21				110.52				
		Add Labour cess @ 1% i.e. on Rs. 1215.73				12.16				
		Material cost for	25.00	Nos.		1227.89				
		Material cost for	1.00	Nos.		49.12	49.12			49.12
II		Labour								
		Taking output	25.00	Nos.						
(i)		Khurra on top 0.6mx0.6m of cement concrete 1:2:4 Rate as per item No. 13.45 (ii)				416.00				
(i)		Mason Ist class for fixing spouts	Each	0.50	223.36	111.68				
(iii)		Mazdoor for fixing spouts	Each	0.50	136.69	68.35				
		Total - II				596.03				
		Sundries @ 1% i.e. on Rs. 596.03				5.96				
		Add contractor's profit @ 21.50% i.e. on Rs. 601.99				129.43				
		Add Labour cess @ 1% i.e. on Rs. 731.42				7.31				
		Labour for	25.00	Nos.		738.73				
		Labour for	1.00	Nos.		29.55	29.55			29.55
		Cost for	1.00	Nos.			78.67			
		Add 10% for sub mountainous region								2.96
		Labour for	1.00	Nos.						32.51
		Cost for	1.00	Nos.						81.63

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.50		Khassi parnalas 12.5mm thick in ceemnt concrete mortar (1:2) 35cm out side width and upto 4.25m height								
		Unit :-	1.00	Mtr.						
		Taking Length :-	4.00	Mtr.						
I		MATERIALS								
(i)		Cement		Bag	0.34	262.27	89.17			
(ii)		Sand		Cum.	0.024	200.59	4.81			
		Total - I					93.98			
		Sundries @ 1% i.e. on Rs. 93.98					0.94			
		Add contractor's profit @ 10% i.e. on Rs. 94.92					9.49			
		Add Labour cess @ 1% i.e. on Rs. 104.41					1.04			
		Material cost for	4.00	Mtr.			105.45			
		Material cost for	1.00	Mtr.			26.36	26.36		26.36
II		Labour								
		Taking output	4.00	Mtr.						
(i)		Mason 2nd class		Each	0.250	190.00	47.50			
(ii)		Mazdoors		Each	0.250	136.69	34.17			
(iii)		Bhishti		Each	0.063	173.76	10.86			
		Total - II					92.53			
		Sundries @ 1% i.e. on Rs. 92.53					0.93			
		Add contractor's profit @ 21.50% i.e. on Rs. 93.46					20.09			
		Add Labour cess @ 1% i.e. on Rs. 113.55					1.14			
		Labour for	4.00	Mtr.			114.69			
		Labour for	1.00	Mtr.			28.67	28.67		28.67
		Cost for	1.00	Mtr.				55.03		
		Add 10% for sub mountainous region								2.87
		Labour for	1.00	Mtr.						31.54
		Cost for	1.00	Mtr.						57.90

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.51		Bottom khurra on ground 1.2m 0.6m consisting of bricks on edge laid in cement mortar 1:3 over 7.5 cm cement concret 1:8:16 including 12.5mm thick cement plaster 1:3								
		Unit :-	1.00	Nos.						
		Taking output	1.00	Nos.						
I		MATERIALS								
(i)		For 7.5 cm thick cement concrete 1:8:16 = 0.72x0.075x1.8= 0.097 Bags								
(ii)		For 1:3 masonry 0.0823 cum at 2.40 bags per cum 0.198								
(iii)		For 12.5mm thick cement plaster 1:3 $0.75 \times 0.16 = 0.115$			Bag	0.415	262.27	108.84		
		0.41 Bags								
B		Sand								
(i)		For 7.5 cm thick cement concrete 1:8:16 = 0.72x0.075x0.5= 0.027 Cum								
(ii)		For 1:3 masonry 0.0823 cum at 0.25 cum per cum of masonry 0.021								
(iii)		For 12.5mm thick cement plaster 1:3 $0.72 \times 0.016 = 0.012$			Cum.	0.06	200.59	12.04		
		0.060								
C		Bricks for edging with 5 Km. carriage			Each	43	3.13	134.59		
D		Brick aggregate			Cum.	0.054	543.73	29.36		
		Total - I						284.83		
		Sundries @ 1% i.e. on Rs. 284.83						2.85		
		Add contractor's profit @ 10% i.e. on Rs. 287.68						28.77		
		Add Labour cess @ 1% i.e. on Rs. 316.45						3.16		
		Material cost for	1.00	Nos.				319.61	319.61	319.61
II		Labour								
		Taking output	12.00	Nos.						
(i)		Mason 1st class, for brick on edge			Each	1.000	223.36	223.36		
(ii)		Mason 1st class, for plastering			Each	0.500	223.36	111.68		
(iii)		Mason 2nd class for 7.5 cm thick cement concrete 1:8:16			Each	1.000	190.00	190.00		
(iv)		Mazdoors			Each	1.000	136.69	136.69		
		Bhishti			Each	0.375	173.76	65.16		
		Total - II						726.89		
		Sundries @ 1% i.e. on Rs. 726.89						7.27		
		Add contractor's profit @ 21.50% i.e. on Rs. 734.16						157.84		
		Add Labour cess @ 1% i.e. on Rs. 892						8.92		

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	12.00	Nos.				900.92				
		Cost for	1.00	Nos.				75.08	75.08			75.08
									394.69			
		Add 10% for sub mountainous region										7.51
		Labour for	1.00	Nos.								82.59
		Cost for	1.00	Nos.								402.20

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.52		Laying 10 cm earth and two coats of 25mm mud plaster with gobi leeping on top including two coats of bitumen painting at 1.65 Kg. Per Sqm								
		Unit :- 1.00 Sqm.								
I		MATERIALS								
(i)		Bitumen 1.65Kg. Per Sqm	Qtl.	0.0165	3692.50	60.93				
		Total - I				60.93				
		Sundries @ 1% i.e. on Rs. 60.93				0.61				
		Add contractor's profit @ 10% i.e. on Rs. 61.54				6.15				
		Add Labour cess @ 1% i.e. on Rs. 67.69				0.68				
						68.37	68.37			68.37
II		Labour								
		Taking output 10.00 Sqm								
(i)		Good Earth for 15 Cm thick mud plaster and mud 1.5 Cum	Cum.	1.500	178.73	268.10				
(ii)		Old bhusa for mud plaster	Qtl.	0.300	264.00	79.20				
(iii)		Fuel for heating the bitumen	Qtl.	0.020	551.69	11.03				
(v)		Mason 2nd class for laying mud and mud plaster and gobi leeping	Each	0.500	190.00	95.00				
(vi)		Mazdoors for mud and mud plaster gobbri leeping and for heating and applying bitumen	Each	2.000	136.69	273.38				
(vii)		Bhishti	Each	0.250	173.76	43.44				
		Total - II				770.15				
		Sundries @ 1% i.e. on Rs. 770.15				7.70				
		Add contractor's profit @ 21.50% i.e. on Rs. 777.85				167.24				
		Add Labour cess @ 1% i.e. on Rs. 945.09				9.45				
		Labour for 10.00 Sqm				954.54				
		Labour for 1.00 Sqm.				95.45	95.45			95.45
		Cost for 1.00 Sqm.					163.82			
		Add 10% for sub mountainous region								9.55
		Labour for 1.00 Sqm.								105.00
		Cost for 1.00 Sqm.								173.37

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.53		Applying bitumen on roof including heating and carrying to roof.										
			Unit :-	1.00	Qtl.							
I		MATERIALS										
(i)		Bitumen			Qtl.	1	3692.50	3692.50				
		Total - I						3692.50				
		Sundries @ 1% i.e. on Rs. 3692.5						36.93				
		Add contractor's profit @ 10% i.e. on Rs. 3729.43						372.94				
		Add Labour cess @ 1% i.e. on Rs. 4102.37						41.02				
								4143.39	4143.39			4143.39
II		Labour										
		Taking output			10.00	Qtl.						
(i)		Mazdoors for applying bitumen			Each	2.000	136.69	273.38				
(ii)		Mazdoor for heating			Each	0.500	136.69	68.35				
(iii)		Fuel for heating the bitumen			Qtl.	0.150	551.69	82.75				
		Total - II						424.48				
		Sundries @ 1% i.e. on Rs. 424.48						4.24				
		Add contractor's profit @ 21.50% i.e. on Rs. 428.72						92.17				
		Add Labour cess @ 1% i.e. on Rs. 520.89						5.21				
		Labour for	10.00	Qtl.				526.10				
		Labour for	1.00	Qtl.				52.61	52.61			52.61
		Cost for	1.00	Qtl.					4196.00			
		Add 10% for sub mountainous region										5.26
		Labour for	1.00	Qtl.								57.87
		Cost for	1.00	Qtl.								4201.26

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.54		Extra bitumen painting at 0.69 Kg. per Sqm.										
		Unit :-	1.00	Sqm.								
I		MATERIALS										
(i)		Bitumen			Qtl.	0.069	3692.50	254.78				
		Total - I						254.78				
		Sundries @ 1% i.e. on Rs. 254.78						2.55				
		Add contractor's profit @ 10% i.e. on Rs. 257.33						25.73				
		Add Labour cess @ 1% i.e. on Rs. 283.06						2.83				
								285.89	285.89			285.89
II		Labour										
		Taking output	10.00	Sqm.								
(i)		Mazdoors for heating bitumen			Each	0.067	136.69	9.16				
(ii)		Mazdoor for applying heating			Each	0.100	136.69	13.67				
(iii)		Fuel for heating the bitumen			Qtl.	0.002	551.69	1.10				
		Total - II						23.93				
		Sundries @ 1% i.e. on Rs. 23.93						0.24				
		Add contractor's profit @ 21.50% i.e. on Rs. 24.17						5.20				
		Add Labour cess @ 1% i.e. on Rs. 29.37						0.29				
		Labour for	10.00	Sqm.				29.66				
		Labour for	1.00	Sqm.				2.97	2.97			2.97
		Cost for	1.00	Sqm.					288.86			
		Add 10% for sub mountainous region										0.30
		Labour for	1.00	Sqm.								3.27
		Cost for	1.00	Sqm.								289.16

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.55		Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant along junction of roofs with parapet wall finished smooth, where specially specified.								
		Unit :-	1.00	Mtr.						
		Taking Length :-	3.00	Mtr.						
I		MATERIALS								
(i)		Cement concrete 1:2:4 (Rate as per item 10.11 i)		Cum	0.020	2186.75	43.74			
		Total - I					43.74			
		Sundries @ 1% i.e. on Rs. 43.74					0.44			
		Add contractor's profit @ 10% i.e. on Rs. 44.18					4.42			
		Add Labour cess @ 1% i.e. on Rs. 48.6					0.49			
		Material cost for	3.00	Mtr.			49.09			
		Material cost for	1.00	Mtr.			16.36	16.36		16.36
II		Labour								
		Taking output	3.00	Mtr.						
(i)		Cement concrete 1:2:4								
		Rate as per item No. 10.11 ii		Cum	0.020	261.25	5.23			
		Extra Labour involved for making gola								
(i)		Mason Ist class		Each	0.100	223.36	22.34			
(ii)		Mazdoors		Each	0.100	136.69	13.67			
(iii)		Bhishti		Each	0.033	173.76	5.73			
		Total - II					46.97			
		Sundries @ 1% i.e. on Rs. 46.97					0.47			
		Add contractor's profit @ 21.50% i.e. on Rs. 47.44					10.20			
		Add Labour cess @ 1% i.e. on Rs. 57.64					0.58			
		Labour for	3.00	Mtr.			58.22			
		Labour for	1.00	Mtr.			19.41	19.41		19.41
		Cost for	1.00	Mtr.				35.77		
		Add 10% for sub mountainous region								1.94
		Labour for	1.00	Mtr.						21.35
		Cost for	1.00	Mtr.						37.71

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.56		Providing and laying four courses of water proofing treatment with bitumen felt over roofs consisting of first and third courses of blown type bitumen grade 85/25 applied hot at 1.20 Kg. Per sqm of area for each course second course on roofing felt type 3grade-1 (Hession base self finished bitumen felt) and fourth and final course of stone grit 6mm and down size or peasizes grit spread at 0.006cum per Sqm including preparation of surface complete.								
		Unit :-	1.00	Sqm.						
		Taking Output :-	30.00	Sqm.						
I		MATERIALS								
(i)		Bitumen 72 Kg. Or 0.072 tonne 2 (1.20x30)		Qtl.	0.72	3692.50	2658.60			
(ii)		Bitumen felt type 3 grade-I (Hession base self finished bitumen felt)= 30 Sqm								
		Add 10 percent for over lapping		Sqm	33.00	106.93	3528.69			
(iii)		Steam coal at 2 quintals/tonne of bitumen i.e. 2x0.072= 0.144 quintals		Qtl.	0.14	1401.40	201.80			
(iv)		Stone grit 6mm and down size or peasized grit, 30x0.006= 0.18 Cum		Cum.	0.18	414.00	74.52			
		Total - I					6463.61			
		Sundries @ 1% i.e. on Rs. 6463.61					64.64			
		Add contractor's profit @ 10% i.e. on Rs. 6528.25					652.83			
		Add Labour cess @ 1% i.e. on Rs. 7181.08					71.81			
		Material cost for	30.00	Sqm.			7252.89			
		Material cost for	1.00	Sqm.			241.76	241.76		241.76
II		Labour								
		Taking Output :-	30.00	Sqm.						
(i)		Mason 1st class		Each	0.167	223.36	37.30			
(ii)		Mazdoors		Each	4.000	136.69	546.76			
		Total - II					584.06			
		Sundries @ 1% i.e. on Rs. 584.06					5.84			
		Add contractor's profit @ 21.50% i.e. on Rs. 589.9					126.83			
		Add Labour cess @ 1% i.e. on Rs. 716.73					7.17			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Labour for	30.00	Sqm.				723.90				
		Labour for	1.00	Sqm.				24.13	24.13			24.13
		Cost for	1.00	Sqm.					265.89			
		Add 10% for sub mountainous region										2.41
		Labour for	1.00	Sqm.								26.54
		Cost for	1.00	Sqm.								268.30

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.57		Supplying and filling cinder on roof (1st story) including light ramming								
		Unit :-	1.00	Cum.						
		Taking Output :-	1.00	Cum.						
I		MATERIALS								
(i)		Cinder (12 nominal size)		Cum.	1	358.31	358.31			
		Total - I					358.31			
		Sundries @ 1% i.e. on Rs. 358.31					3.58			
		Add contractor's profit @ 10% i.e. on Rs. 361.89					36.19			
		Add Labour cess @ 1% i.e. on Rs. 398.08					3.98			
		Material cost for	1.00	Cum.			402.06	402.06		402.06
II		Labour								
		Taking Output :-	1.00	Cum.						
(i)		Mazdoors		Each	1.000	136.69	136.69			
		Total - II					136.69			
		Sundries @ 1% i.e. on Rs. 136.69					1.37			
		Add contractor's profit @ 21.50% i.e. on Rs. 138.06					29.68			
		Add Labour cess @ 1% i.e. on Rs. 167.74					1.68			
		Labour for	1.00	Cum.			169.42	169.42		169.42
		Cost for	1.00	Cum.				571.48		
		Add 10% for sub mountainous region								16.94
		Labour for	1.00	Cum.						186.36
		Cost for	1.00	Cum.						588.42

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.58		Deodar wood beading 50mmx12.5mm including fixing in position etc complete			DELETED and replaced					
13.59		Deodar wood beading 63mmx12.5mm including fixing in position etc complete.			DELETED and replaced					
13.6		Deodar wood beading 75mmx12.5mm including fixing in position etc complete			DELETED and replaced					
13.61		Deodar wood plank ceiling 12.5mm thick tongued and grooved planking			DELETED and replaced					
13.62		Deodar wood plank ceiling 20mm thick tongued and grooved planking			DELETED and replaced					

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.63		Kail wood plank ceiling 20mm thick tongued and grooved planking.								
		Unit :-	1.00	Sqm.						
		Taking Length :-	10.00	Sqm.						
I		MATERIALS								
(i)		Kail wood = $\frac{10 \times 20}{1000}$ = 0.20 Cum								
		Add wastage at 30 percent = 0.06 Cum								
		= 0.26 Cum								
			Cum.	0.26	53462.50	13900.25				
(ii)		Screws 40mm long								
		Total - I				90.00	13990.25			
		Sundries @ 1% i.e. on Rs. 13990.25					139.90			
		Add contractor's profit @ 10% i.e. on Rs. 14130.15					1413.02			
		Add Labour cess @ 1% i.e. on Rs. 15543.17					155.43			
		Material cost for	10.00	Sqm.		15698.60				
		Material cost for	1.00	Sqm.		1569.86	1569.86			1569.86
II		Labour								
		Taking Output :-	10.00	Sqm.						
(i)		Carpentor, 1st class			Each	1.500	223.36	335.04		
(ii)		Carpentor, 2nd class			Each	1.000	190.00	190.00		
		Mazdoors			Each	1.500	136.69	205.04		
(iii)		Sawing charges			Cum.	0.26	750.00	195.00		
		Total - II					925.08			
		Sundries @ 1% i.e. on Rs. 925.08					9.25			
		Add contractor's profit @ 21.50% i.e. on Rs. 934.33					200.88			
		Add Labour cess @ 1% i.e. on Rs. 1135.21					11.35			
		Labour for	10.00	Sqm.			1146.56			
		Labour for	1.00	Sqm.			114.66	114.66		114.66
		Cost for	1.00	Sqm.				1684.52		
		Add 10% for sub mountainous region								11.47
		Labour for	1.00	Sqm.						126.13
		Cost for	1.00	Sqm.						1695.99

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.64		Providing and fixing dasuty cloth ceiling.										
			Unit :-	1.00	Sqm.							
			Taking Length :-	10.00	Sqm.							
I		MATERIALS										
(i)		Dasuty cloth 1.40m wide including wastage										
					Metre	8.00	120.00	960.00				
		Total - I						960.00				
		Sundries @ 1% i.e. on Rs. 960						9.60				
		Add contractor's profit @ 10% i.e. on Rs. 969.6						96.96				
		Add Labour cess @ 1% i.e. on Rs. 1066.56						10.67				
			Material cost for	10.00	Sqm.			1077.23				
			Material cost for	1.00	Sqm.			107.72	107.72			107.72
II		Labour										
			Taking Output :-	10.00	Sqm.							
(i)		Carpenter, Ist class			Each	0.5	223.36	111.68				
(ii)		Mazdoors			Each	0.5	136.69	68.35				
		Total - II						180.03				
		Sundries @ 1% i.e. on Rs. 180.03						1.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 181.83						39.09				
		Add Labour cess @ 1% i.e. on Rs. 220.92						2.21				
			Labour for	10.00	Sqm.			223.13				
			Labour for	1.00	Sqm.			22.31	22.31			22.31
			Cost for	1.00	Sqm.				130.03			
		Add 10% for sub mountainous region										2.23
			Labour for	1.00	Sqm.							24.54
			Cost for	1.00	Sqm.							132.26

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.65		Providing and fixing hession cloth ceiling										
			Unit :-	1.00	Sqm.							
			Taking Length :-	10.00	Sqm.							
I		MATERIALS										
(i)		Hession cloth on metre wide including wastage										
					Metre	12.00	36.00	432.00				
		Total - I						432.00				
		Sundries @ 1% i.e. on Rs. 432						4.32				
		Add contractor's profit @ 10% i.e. on Rs. 436.32						43.63				
		Add Labour cess @ 1% i.e. on Rs. 479.95						4.80				
			Material cost for	10.00	Sqm.			484.75				
			Material cost for	1.00	Sqm.			48.48	48.48			48.48
II		Labour										
			Taking Output :-	10.00	Sqm.							
(i)		Same as per item No. 13.64						180.03				
		Total - II						180.03				
		Sundries @ 1% i.e. on Rs. 180.03						1.80				
		Add contractor's profit @ 21.50% i.e. on Rs. 181.83						39.09				
		Add Labour cess @ 1% i.e. on Rs. 220.92						2.21				
			Labour for	10.00	Sqm.			223.13				
			Labour for	1.00	Sqm.			22.31	22.31			22.31
			Cost for	1.00	Sqm.				70.79			
		Add 10% for sub mountainous region										2.23
			Labour for	1.00	Sqm.							24.54
			Cost for	1.00	Sqm.							73.02

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.66		Providing and fixing ply-wood (4mm) ceiling								
		Unit :-	1.00	Sqm.						
		Taking Length :-	10.00	Sqm.						
I		MATERIALS								
(i)		Ply wood (4mm) with five percent wastage								
				Sqm	10.50	432.25	4538.63			
		Total - I					4538.63			
		Sundries @ 1% i.e. on Rs. 4538.63					45.39			
		Add contractor's profit @ 10% i.e. on Rs. 4584.02					458.40			
		Add Labour cess @ 1% i.e. on Rs. 5042.42					50.42			
		Material cost for	10.00	Sqm.			5092.84			
		Material cost for	1.00	Sqm.			509.28	509.28		509.28
II		Labour								
		Taking Output :-	10.00	Sqm.						
(i)		Carpenters , 1st class			Each	0.5	223.36	111.68		
(ii)		Mazdoors			Each	0.25	136.69	34.17		
		Total - II					145.85			
		Sundries @ 1% i.e. on Rs. 145.85					1.46			
		Add contractor's profit @ 21.50% i.e. on Rs. 147.31					31.67			
		Add Labour cess @ 1% i.e. on Rs. 178.98					1.79			
		Labour for	10.00	Sqm.			180.77			
		Labour for	1.00	Sqm.			18.08	18.08		18.08
		Cost for	1.00	Sqm.				527.36		
		Add 10% for sub mountainous region								1.81
		Labour for	1.00	Sqm.						19.89
		Cost for	1.00	Sqm.						529.17

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.67		Providing and fixing 5mm thick asbestos sheets ceiling										
			Unit :-	1.00	Sqm.							
			Taking Length :-	10.00	Sqm.							
I		MATERIALS										
(i)		Asbestos sheets 5mm thick	1.00	Sqm								
		Add 10% wastage	0.10	Sqm								
				1.10	Sqm	1.10	146.87	161.56				
(ii)		Screws			Each	25	0.60	15.00				
		Total - I						176.56				
		Sundries @ 1% i.e. on Rs. 176.56						1.77				
		Add contractor's profit @ 10% i.e. on Rs. 178.33						17.83				
		Add Labour cess @ 1% i.e. on Rs. 196.16						1.96				
		Material cost for	10.00	Sqm.				198.12				
		Material cost for	1.00	Sqm.				19.81	19.81			19.81
II		Labour										
			Taking Output :-	10.00	Sqm.							
(i)		Carpenters , 1st class			Each	4	223.36	893.44				
(ii)		Mazdoors			Each	2	136.69	273.38				
		Total - II						1166.82				
		Sundries @ 1% i.e. on Rs. 1166.82						11.67				
		Add contractor's profit @ 21.50% i.e. on Rs. 1178.49						253.38				
		Add Labour cess @ 1% i.e. on Rs. 1431.87						14.32				
		Labour for	10.00	Sqm.				1446.19				
		Labour for	1.00	Sqm.				144.62	144.62			144.62
		Cost for	1.00	Sqm.					164.43			
		Add 10% for sub mountainous region										14.46
		Labour for	1.00	Sqm.								159.08
		Cost for	1.00	Sqm.								178.89

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.68		Providing and fixing 12.5mm thick insulating perforated board (such as celotax, treetax etc, ceiling)								
		Unit :- 1.00 Sqm.								
I		MATERIALS								
(i)		Celotex sheeting	Sqm	1.00	522.00	522.00				
(ii)		Screws 40mm to 50mm longh	Each	25	0.60	15.00				
		Total - I				537.00				
		Sundries @ 1% i.e. on Rs. 537				5.37				
		Add contractor's profit @ 10% i.e. on Rs. 542.37				54.24				
		Add Labour cess @ 1% i.e. on Rs. 596.61				5.97				
						602.58	602.58			602.58
II		Labour								
		Taking Output :- 55.00 Sqm.								
(i)		Carpenters , Ist class	Each	2	223.36	446.72				
(ii)		Carpenters , IInd class	Each	1	190.00	190.00				
(iii)		Mazdoors	Each	2	136.69	273.38				
		Total - II				910.10				
		Sundries @ 1% i.e. on Rs. 910.1				9.10				
		Add contractor's profit @ 21.50% i.e. on Rs. 919.2				197.63				
		Add Labour cess @ 1% i.e. on Rs. 1116.83				11.17				
		Labour for 55.00 Sqm.				1128.00				
		Labour for 1.00 Sqm.				20.51	20.51			20.51
		Cost for 1.00 Sqm.					623.09			
		Add 10% for sub mountainous region								2.05
		Labour for 1.00 Sqm.								22.56
		Cost for 1.00 Sqm.								625.14

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.69		Plaster of Paris ceiling 12.5mm thick consisting of 12.5mm thick panels of plaster of paris reinforced with hessian cloth fixed to underside of Kail wood cradling of specified design solignum painted (2 coats) including cost of fixing in position all materials etc.								
		Unit :-	1.00	Sqm.						
		Taking Length :-	9.00	Sqm.						
I		MATERIALS								
(i)		Kail wood frame:-								
		3x3x0.10x0.06 = 0.054 Cum								
		3x3x0.05x0.05 = 0.0225 Cum								
		5x3x0.075x0.05 = 0.05625 Cum								
		5x3x0.05x0.025 = 0.01875 Cum								
		. 0.1515 Cum								
		Add wastage at 30 % 0.04545 Cum								
		. 0.19695 Say 2.00 Cum								
				Cum.	0.20	46068.75	9213.75			
(ii)		Steel clamps for fixing frame		Each	4	64.80	259.20			
(iii)		Plaster of Paris		Kg.	50	8.53	426.50			
(iv)		Paris of plaster for final finishing		Kg.	15	8.53	127.95			
(v)		Hessian cloth 1 metre wide		Metre	11	36.00	396.00			
(vi)		Solignum paint 2 coats (Rate as per CSR 16.21):-								
		3x3x0.32 = 2.88 Sqm								
		3x3x0.20 = 1.80 Sqm								
		5x3x0.25 = 3.75 Sqm								
		5x3x0.15 = 2.25 Sqm								
		Total = 10.68 Sqm		Sqm	10.68	5.56	59.38			
		Total - I					10482.78			
		Sundries @ 1% i.e. on Rs. 10482.78					104.83			
		Add contractor's profit @ 10% i.e. on Rs. 10587.61					1058.76			
		Add Labour cess @ 1% i.e. on Rs. 11646.37					116.46			
		Material cost for	9.00	Sqm.			11762.83			
		Material cost for	1.00	Sqm.			1306.98		1306.98	
II		Labour								
		Taking Output :-	9.00	Sqm.						
(i)		Sawing charges		Cum.	0.20	750.00	150.00			
(ii)		For Solignum painting 2 coat (Rate as per CSR 16.21)		Sqm	10.68	6.02	64.29			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
(iii)		Carpenter 1st class			Each	4	223.36	893.44				
(iv)		Mason, 1st class			Each	8	223.36	1786.88				
(v)		Mazdoors			Each	5	136.69	683.45				
(iii)		Mazdoors			Each	2	136.69	273.38				
		Total - II						3851.44				
		Sundries @ 1% i.e. on Rs. 3851.44						38.51				
		Add contractor's profit @ 21.50% i.e. on Rs. 3889.95						836.34				
		Add Labour cess @ 1% i.e. on Rs. 4726.29						47.26				
		Labour for	9.00	Sqm.				4773.55				
		Labour for	1.00	Sqm.				530.39	530.39			530.39
		Cost for	1.00	Sqm.					1837.37			
		Add 10% for sub mountainous region										53.04
		Labour for	1.00	Sqm.								583.43
		Cost for	1.00	Sqm.								1890.41

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.70	N.S	Providing and Fixing ceiling consisting of 600mmX600mmX12.5mm thick Gypsum Board G.I. Cradling hanged from the ceiling by means of G.I. hanger complete as per drawings,specifications and to the entire satisfaction of engineer-in- charge.								
		Unit :-	1.00	Sqm.						
		Taking Output :-	9.29	Sqm.						
I		MATERIALS								
i		Parameter Channel M.F.6 4*10 = 40 Rft + 5% wastage = 42 Rft. Or 12.801 Rmt.	Rmt.	12.801	39.50	505.64				
ii		Main Runner 4' C/c M.F.5 4*10 = 40 Rft + 5% wastage = 42 Rft. Or 12.801 Rmt.	Rmt.	12.801	65.27	835.52				
iii		Intermediate runner 4' C.c M.F.7 3*10 = 30 Rft + 5% wastage = 31.50 Rft. Or 9.601 Rmt.	Rmt.	9.601	65.06	624.64				
iv		Hanging strips (Ceiling angle) 6*12 = 72 Rft + 5% wastage = 75.600 Rft. Or 23.042 Rmt.	Rmt.	23.042	20.76	478.35				
v		Gypsum Board 12.5mm thick 100 Sft + 10% wastage = 110 Sft. Or 10.219 Sqm.	Sqm.	10.219	169.86	1735.80				
vi		Filling with Jointing compound 0.075 kg per sft x 100 i.e. 0.075*100 = 7.50 Kg.	Kg.	7.500	40.26	301.95				
vii		Metal rowp plug and screw for fixing parameter @ 18" C/c 26+4 = 30 Nos.	Nos	30.000	9.49	284.70				
viii		Nuts & Bolts 25mm X 8mm 15*2 = 30 Nos.	Nos	30.000	1.27	38.10				
ix		G.I. Connecting Clip	Nos	20.000	5.31	106.20				
x		Powder coated Gypsum screw 25x6, 9 Screw per 4 Sft = 225 Nos.	Nos	225.000	0.33	74.25				
xi		Paper Tape Roll	Roll	1.000	194.82	194.82				
xii		Dry wall top coat for 100 sft 2 litre	Ltr.	2.000	106.27	212.54				
		Total - I				5392.51				
		Sundries @ 1% i.e. on Rs. 5392.51				53.93				
		Add contractor's profit @ 10% i.e. on Rs. 5446.44				544.64				
		Add Labour cess @ 1% i.e. on Rs. 5991.08				59.91				
		Material cost for	9.29	Sqm.		6050.99				
		Material cost for	1.00	Sqm.		651.34	651.34			651.34
II		Labour								
		Taking Output :-	9.29	Sqm.						
		For fabricating the G.I. cradling including fixing Gyp. Board								

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
i		Blacksmith 1st Class	Each	2	223.36	446.72				
ii		Carpenter 1st Class	Each	2	223.36	446.72				
iii		Painter 1 st Class for filling groove with compound & top coat	Each	1	223.36	223.36				
iv		Mazdoors	Each	2	136.69	273.38				
		Total - II				1390.18				
		Sundries @ 1% i.e. on Rs. 1390.18				13.90				
		Add contractor's profit @ 21.50% i.e. on Rs. 1404.08				301.88				
		Add Labour cess @ 1% i.e. on Rs. 1705.96				17.06				
		Labour for 9.29 Sqm.				1723.02				
		Labour for 1.00 Sqm.				185.47	185.47			185.47
		Cost for 1.00 Sqm.					836.81			
		Add 10% for sub mountainous region								18.55
		Labour for 1.00 Sqm.								204.02
		Cost for 1.00 Sqm.								855.36

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.71	N.S	Providing and Fixing of Copper Sheet 16 Gauge 350mm wide on expansion joint including covering with C. Concrete complete in all respect as per specifications.								
		Unit :-	1.00	mtr						
		Taking Output :-	1.14	mtr						
I		MATERIALS								
(i)		Copper Sheet size available 4'x4', Wt. of sheet = 4'x14" size with over lap of 3" 4*1.166 = 4.666 Sft. + 10% wastage = 5.133 Sft or 0.477 Sqm @ 14.42 Kg. / Sqm = 6.876 Kg.			Kg.	6.876	350.00	2406.60		
(ii)		Const. of C. concrete 1:2:4 for covering the joints			L.S.			50.00		
		Total - I						2456.60		
		Sundries @ 1% i.e. on Rs. 2456.6						24.57		
		Add contractor's profit @ 10% i.e. on Rs. 2481.17						248.12		
		Add Labour cess @ 1% i.e. on Rs. 2729.29						27.29		
		Material cost for	1.14	mtr				2756.58		
		Material cost for	1.00	mtr				2411.82	2411.82	2411.82
II		Labour								
		Cutting charges of sheet to the required size 14"x4' and Making V shape groove with the help of press 3 ¼ Rft								
		Taking Output :-	1.14	mtr						
(i)		Mason Ist class			Each	0.18	223.36	40.20		
(ii)		Mazdoors			Each	0.18	136.69	24.60		
		Total - II						64.80		
		Sundries @ 1% i.e. on Rs. 64.8						0.65		
		Add contractor's profit @ 21.50% i.e. on Rs. 65.45						14.07		
		Add Labour cess @ 1% i.e. on Rs. 79.52						0.80		
		Labour for	1.14	mtr				80.32		
		Labour for	1.00	mtr				70.27	70.27	70.27
		Cost for	1.00	mtr				2482.09		
		Add 10% for sub mountainous region								7.03
		Labour for	1.00	mtr						77.30
		Cost for	1.00	mtr						2489.12

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.72	N.S	Providing and fixing 4mm thick 300mm wide Asbestos sheet 4mm thick with gatties and screw on vertical expansion joints one side fixed and one side fixed with slotted holes complete in all respect as per specifications.								
		Unit :-	1.00	mtr						
		Taking Output :-	3.05	mtr						1.0219
I		MATERIALS								
(i)		4mm thick Asbestos sheet 10 * 1 = 10 Sft. + 10% wastage = 11 Sft or 1.02 Sqm		Sqm	1.020	122.40	124.85			
		Total - I					124.85			
		Sundries @ 1% i.e. on Rs. 124.85					1.25			
		Add contractor's profit @ 10% i.e. on Rs. 126.1					12.61			
		Add Labour cess @ 1% i.e. on Rs. 138.71					1.39			
		Material cost for	3.05	mtr			140.10			
		Material cost for	1.00	mtr			45.97	45.97		45.97
II		Labour								
		For Cutting of sheet to drilling Holes fixing gatties & fixing sheet in require position								
		Taking Output :-	3.05	mtr						
(i)		Mason Ist class		Each	0.50	223.36	111.68			
(ii)		Mazdoors		Each	0.50	136.69	68.35			
		Total - II					180.03			
		Sundries @ 1% i.e. on Rs. 180.03					1.80			
		Add contractor's profit @ 21.50% i.e. on Rs. 181.83					39.09			
		Add Labour cess @ 1% i.e. on Rs. 220.92					2.21			
		Labour for	3.05	mtr			223.13			
		Labour for	1.00	mtr			73.21	73.21		73.21
		Cost for	1.00	mtr				119.18		
		Add 10% for sub mountainous region								7.32
		Labour for	1.00	mtr						80.53
		Cost for	1.00	mtr						126.50

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.73	DSR 9.105	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board including providing and fixing of frame work made of special section power pressed/ role form G.I. sheet with zinc coating of grade 175 consisting of floor and ceiling channel 50mm wide having equal flanges of 32mm and 0.5mm thick fixed to the floor and ceiling at the spacing of 610mm centre to centre with dash fastener of 12.5mm dia-meter,40mm length and the studs 48mm wide having one flange of 34mm and other flange 36mm and 0.50mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610mm centre to centre by 6mm dia bolts and nuts at both ends of partition fixed flush to wall with rawl plugs at spacing 450mm centre to centre and fixing of boards to either side of frame work by 25mm drive all screws on studs, floor and ceiling channels at the spacing of 300mm centre to centre, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, joint finisher and two coats of primer suitable for board as per manufacture's specificatior and direction of engineer-in-charge all complete.								
a	9.105.1	67mm overall thickness partition with 8.5 mm thick double skin Glass reinforced Gypsum (GRG) board conforming to IS: 2095: part III								
		Unit :-	1.00	Sqm						
		Taking Output for size 6.00 Mtr. x3.65 Mtr. Partition Panel :-	21.90	Sqm						
I		MATERIALS								
i		Glass reinforced Gypsum (GRG) board 8.5 mm thick		Sqm	43.800	190.00	8322.00			
ii		50mm floor and ceiling channel 2x6.00 = 12 Mtr.		Mtr	12.000	48.00	576.00			
iii		48mm stud-72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15 Mtr		Mtr.	40.150	55.00	2208.25			
iv		Screw 20mm long (drive all scews) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 = 392		Each	392.000	0.40	156.80			
v		Dash fastner [(6.00/0.61)+1]x2=22		Each	22.000	8.00	176.00			
vi		Rawl plug [(3.65/0.45)+1]x2= 18		Each	18.000	9.49	170.82			
vii		Plaster of paris, (88/100)x21.9 = 19.27		Kg.	19.270	8.53	164.37			
viii		Glue (22/100)x21.90=4.82		Kg.	4.820	169.50	816.99			

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
ix		Paper tape Roll (300/100)x21.90/120 = 0.584 Nos.	Roll	0.584		113.77				
x		Primer (36/100)21.90 = 7.88 litre	Ltr.	7.880	194.82	775.31				
xi		Galvanised steel bolts & nuts 6mm dia. 25mm Long 11x2x2=44	Each	44.000	98.39	14.52				
xii		G.I. Plain washer for seam bolts	Each		0.33					
		Total - I			0.84	13494.83				
		Sundries @ 1% i.e. on Rs. 13494.83				134.95				
		Add contractor's profit @ 10% i.e. on Rs. 13629.78				1362.98				
		Add Labour cess @ 1% i.e. on Rs. 14992.76				149.93				
		Material cost for 21.90 Sqm				15142.69				
		Material cost for 1.00 Sqm				691.45	691.45			691.45
II		Labour								
		Taking Output :- 21.90 Sqm								
i		Carpenter 1st Class	Each	6.57	223.36	1467.48				
ii		Carpenter 2nd Class	Each	2.847	190.00	540.93				
iii		Painter 2nd Class	Each	1.095	190.00	208.05				
iv		Beldar / Mazdoor	Each	7.665	136.69	1047.73				
		Total - II				3264.19				
		Sundries @ 1% i.e. on Rs. 3264.19				32.64				
		Add contractor's profit @ 21.50% i.e. on Rs. 3296.83				708.82				
		Add Labour cess @ 1% i.e. on Rs. 4005.65				40.06				
		Labour for 21.90 Sqm				4045.71				
		Labour for 1.00 Sqm				184.74	184.74			184.74
		Cost for 1.00 Sqm					876.19			
		Add 10% for sub mountainous region								18.47
		Labour for 1.00 Sqm								203.21
		Cost for 1.00 Sqm								894.66

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.74	DSR 9.133	Providing and fixing, in position concealed G.I. section for wall panelling using board of required thickness fixed on the 'W profile (0.55mm thick) having a knurled web of 51.55mm and two flanges of 26mm each with lips of 10.55 mm placed @ 610mm C/C in perimeter channel having one flange of 20mm and another flange of 30mm with thickness of 0.55mm and web of length 27mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610mm C/C with fully threaded self-tapping drive all screws. Board is fixed to the 'Wprofile with 25 mm countersunk ribbed head screws @ 200mm C/C, all complete as per the drawing & directions of engineer-in-charge the joints of the boards are finished with specially formulated jointing compound and 48mm wide fiber tape to provide seamless finish.								
13.74.1	9.133.1	Tapered edge calcium silicate board made with calcareous & siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure, Non combustible & spread of Flame (as per BS standard 476 Part IV & VII), Water, Termite & Fungus resistant, compressive strength 25 kg/sq.cm, Bending strength 100 kg/sq.cm. 10 mm Thick								
13.74.1.1	9.133.1.1	10mm thick								
		Unit :-	1.00	Sqm						
		Taking Output for size 3.66 Mtr. x 3.05 Mtr. :-	11.16	Sqm						
I		MATERIALS								
i		Calcium silicate board 10mm thick.= 11.16 sqm Add wastage @ 10% = 1.12 sqm. Total = 12.28 sqm		Sqm	12.280	323.00	3966.44			
ii		Ceiling sections.		Mtr	19.660	20.76	408.14			
iii		Perimeter channel		Mtr.	9.600	39.50	379.20			
iv		Nylon sleeves & wooden screws (40mm)		Each	42.000	1.50	63.00			
v		Counter sunk ribbed head screw 25mm.		Cent	1.760	60.00	105.60			
vi		Filling with Jointing compound 0.075 kg per sft x 100 i.e. 0.075*100 = 7.50 Kg.		Kg.	7.500		301.95			
vii		Paper Tape Roll		Roll	0.190	40.26	37.02			
		Total - I					5261.35			
		Sundries @ 1% i.e. on Rs. 5261.35					52.61			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add contractor's profit @ 10% i.e. on Rs. 5313.96						531.40				
		Add Labour cess @ 1% i.e. on Rs. 5845.36						58.45				
		Material cost for	11.16	Sqm				5903.81				
		Material cost for	1.00	Sqm				529.02	529.02			529.02
II		Labour										
		Taking Output :-	11.16	Sqm								
i		Carpenter 1st Class			Each	3.80	223.36	848.77				
ii		Beldar / Mazdoor			Each	4.600	136.69	628.77				
		Total - II						1477.54				
		Sundries @ 1% i.e. on Rs. 1477.54						14.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 1492.32						320.85				
		Add Labour cess @ 1% i.e. on Rs. 1813.17						18.13				
		Labour for	11.16	Sqm				1831.30				
		Labour for	1.00	Sqm				164.09	164.09			164.09
		Cost for	1.00	Sqm					693.11			
		Add 10% for sub mountainous region										16.41
		Labour for	1.00	Sqm								180.50
		Cost for	1.00	Sqm								709.52

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
13.75	DSR 9.133.3	Gypsum board conforming to IS: 2095- 1996: Part - I										
13.75.1	9.133.3.1	12.50mm thick										
		Unit :-	1.00	Sqm								
		Taking Output for size 3.66 Mtr. x 3.05 Mtr. :-	11.16	Sqm								
I		MATERIALS										
i		Glass fibre reinforced gypsum board 12.5 mm thick.= 11.16 sqm Add wastage @ 10% = 1.12 sqm. Total = 12.28 sqm			Sqm	12.280	130.00	1596.40				
ii		Ceiling sections.			Mtr	19.660	20.76	408.14				
iii		Perimeter channel			Mtr.	9.600	39.50	379.20				
iv		Nylon sleeves & wooden screws (40mm)			Each	42.000	1.50	63.00				
v		Counter sunk ribbed head screw 25mm.			Cent	1.760	60.00	105.60				
vi		Jointing compound			Kg.	1.000	40.26	40.26				
vii		Paper Tape Roll			Roll	0.190	194.82	37.02				
		Total - I						2629.62				
		Sundries @ 1% i.e. on Rs. 2629.62						26.30				
		Add contractor's profit @ 10% i.e. on Rs. 2655.92						265.59				
		Add Labour cess @ 1% i.e. on Rs. 2921.51						29.22				
		Material cost for	11.16	Sqm				2950.73				
		Material cost for	1.00	Sqm				264.40	264.40			264.40
II		Labour										
		Taking Output :-	11.16	Sqm								
i		Carpenter 1st Class			Each	3.80	223.36	848.77				
ii		Beldar / Mazdoor			Each	4.600	136.69	628.77				
		Total - II						1477.54				
		Sundries @ 1% i.e. on Rs. 1477.54						14.78				
		Add contractor's profit @ 21.50% i.e. on Rs. 1492.32						320.85				
		Add Labour cess @ 1% i.e. on Rs. 1813.17						18.13				
		Labour for	11.16	Sqm				1831.30				
		Labour for	1.00	Sqm				164.09	164.09			164.09
		Cost for	1.00	Sqm				428.49	428.49			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add 10% for sub mountainous region										16.41
			Labour for	1.00	Sqm							180.50
			Cost for	1.00	Sqm							444.90

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
13.76	DSR 12.34	Providing and fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Fibre glass wool conforming to IS : 8183 density 24kg/m ³ , 50mm thick, wrapped in 200 G Virgin Polythene bags fixed to ceiling with metallic cleats (50x50x3mm) @ 60 cm and wire mesh of 12.5mm x 24g wire and mesh, for top most ceiling of building.								
		Unit :-	1.00	Sqm						
		Taking Output for size 3.66 Mtr. x 3.05 Mtr. :-	10.00	Sqm						
I		MATERIALS								
i		Glass fibre reinforced gypsum board 12.5 mm thick.= 11.16 sqm Add wastage @ 10% = 1.12 sqm. Total = 12.28 sqm		Sqm	12.280	130.00	1596.40			
ii		Ceiling sections.		Mtr	19.660	20.76	408.14			
iii		Perimeter channel		Mtr.	9.600	39.50	379.20			
iv		Nylon sleeves & wooden screws (40mm)		Each	42.000	1.50	63.00			
v		Counter sunk ribbed head screw 25mm.		Cent	1.760	60.00	105.60			
vi		Jointing compound		Kg.	1.000	40.26	40.26			
vii		Paper Tape Roll		Roll	0.190	194.82	37.02			
		Total - I					2629.62			
		Sundries @ 1% i.e. on Rs. 2629.62					26.30			
		Add contractor's profit @ 10% i.e. on Rs. 2655.92					265.59			
		Add Labour cess @ 1% i.e. on Rs. 2921.51					29.22			
		Material cost for	10.00	Sqm			2950.73			
		Material cost for	1.00	Sqm			295.07	295.07		295.07
II		Labour								
		Taking Output :-	10.00	Sqm						
i		Carpenter 1st Class		Each	3.80	223.36	848.77			
ii		Beldar / Mazdoor		Each	4.600	136.69	628.77			
		Total - II					1477.54			
		Sundries @ 1% i.e. on Rs. 1477.54					14.78			
		Add contractor's profit @ 21.50% i.e. on Rs. 1492.32					320.85			
		Add Labour cess @ 1% i.e. on Rs. 1813.17					18.13			
		Labour for	10.00	Sqm			1831.30			
		Labour for	1.00	Sqm			183.13	183.13		183.13
		Cost for	1.00	Sqm			478.20			

Sr. No.	Code No.	Description			Unit	Quantity	Plain			For Sub-Mountainous Region		
							Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3			4	5	6	7	8	9	10	11
		Add 10% for sub mountainous region										18.31
			Labour for	1.00	Sqm							201.44
			Cost for	1.00	Sqm							496.51