SUB HEAD : 15.0

DISMANTLING AND DEMOLISHING

BUILDING WORK

15.0 Dismantling and Demolishing

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.1	**Demolishing iime concrete and disposal of material within 50 metre lead. Details of cost for 1 cum**					
	Labour:					
	Beldar	per day	0.44	306.00	(0114)	134.64
	Coolie	per day	0.37	318.00	(0115)	117.66
	Sundries	1 time	1.04	2.12	(9999)	2.20
	Total					254.50
	Ada tor water cnarges @ 1%					2.55 (X)
	Total					257.05
	Add GST 12% on "X" (multiplying factor 0.1405)					36.12
	Total					293.17 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					43.97
	Cost of 1 cum	.				337.14
	Add labour cess @ 1%					3.37
	Rate including labour cess					340.51
			Say	**Rs.340.50**	**per cum**	
15.2	**Demolishing cement concrete including disposal of fmaterial wihin 50 metre lead:**					
15.2.1	**Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	1.59	306.00	(0114)	486.54
	Coolie	per day	0.72	318.00	(0115)	228.96
	Sundries	1 time	4.81	2.12	(9999)	10.20
	Total					725.70
	Ada tor water cnarges @ 1%					7.26 (X)
	Total					732.95
	Add GST 12% on "X" (multiplying factor 0.1405)					102.98
	Total					835.93 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					125.39
	Cost of 1 cum					961.32
	Add labour cess @ 1%					9.61
	Rate including labour cess					970.93
			Say	**Rs.970.90**	**per cum**	
15.2.2	**Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	0.88	306.00	(0114)	269.28
	Coolie	per day	0.55	318.00	(0115)	174.90
	Sundries	1 time	1.95	2.12	(9999)	4.13
	Total					448.31
	Ada tor water cnarges @ 1%					4.48 (X)
	Total					452.80
	Add GST 12% on "X" (multiplying factor 0.1405)					63.62
	Total					516.42 (Y)

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 15 % Contractor's profit and overheads on "Y"					77.46
	Cost of 1 cum					593.88
	Add labour cess @ 1%					5.94
	Rate including labour cess					599.82
			Say	**Rs.599.80**	**per cum**	
15.3	**Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead: Details of cost for 1 cum**					
	Labour:					
	Beldar	per day	2.65	306.00	(0114)	810.90
	Coolie	per day	0.72	318.00	(0115)	228.96
	Sundries	1 time	7.02	2.12	(9999)	14.88
	Total					1054.74
	Ada tor water cnarges @ 1%					10.55 (X)
	Total					1065.29
	Add GST 12% on "X" (multiplying factor 0.1405)					149.67
	Total					1214.96 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					182.24
	Cost of 1 cum					1397.21
	Add labour cess @ 1%					13.97
	Rate including labour cess					1411.18
			Say	**Rs.1411.20**	**per cum**	
15.4	**Demolishing R.B. work including stacking of stee! bars and disposal of funserviceable material within 50 metres lead:**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	2.120	306.000	(0114)	648.72
	Coolie	per day	0.900	318.000	(0115)	286.20
	Sundries	1 time	4.680	2.120	(9999)	9.92
	Total					944.84
	Ada tor water cnarges @ 1%					9.45 (X)
	Total					954.29
	Add GST 12% on "X" (multiplying factor					134.08
	Total					1088.37 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					163.26
	Cost of 1 cum					1251.62
	Add labour cess @ 1%					12.52
	Rate including labour cess					1264.14
			Say	**Rs.1264.10**	**per cum**	
15.5	**Extra for cutting reinforcement bars in R.C.C. or R.B. work(Payement shall be made on the cross sectional area of R.C.C. or R.B. work).**					
	Details of cost for 1 sqm R.C.C. or R.B. work Reinforced area considering 1 % reinforcement =0.01 sqm					
	Labour:					
	For cutting 0.01 sqm reinforcement					
	Blacksmith 2nd class	per day	0.500	369.000	(0103)	184.50
	Beldar	per day	0.500	306.000	(0114)	153.00

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					365.89
	Ada tor water cnarges @ 1%					3.66 (X)
	Total					369.55
	Add GST 12% on "X" (multiplying factor 0.1405)					51.92
	Total					421.47 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					63.22
	Cost of 1 RCC					484.69
	Add labour cess @ 1%					4.85
	Rate including labour cess					489.54
			Say	**Rs.489.50**	**per R.C.C**	
15.6	**Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work. Details of cost for 10 nos. 6 metres long 16 mm dia bars@ 1.58 kg/metre**					
	Total weight=94.80 kg=0.94S quintal					
	Labour:					
	Blacksmith 2nd class	per day	0.250	369.000	.(0103)	92.25
	Beldar	per day	0.500	306.000	(0114)	153.00
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					273.64
	Ada tor water cnarges @ 1%					2.74 (X)
	Total					276.37
	Add GST 12% on "X" (multiplying factor 0.1405)					38.83
	Total					315.20 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					47.28
	Cost of 94.8 kg					362.48
	Cost of 1 kg					3.82
	Add labour cess @ 1%					0.04
	Rate including labour cess					3.86
			Say	**Rs.3.90**	**Per kg.**	
15.7	**Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 metres lead:**					
15.7.1	**In mud mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	Per day	0.300	306.000	(0114)	91.80
	Coolie	Per day	0.370	318.000	(0115)	117.66
	Sundries	1 time	1.040	2.120	(9999)	2.20
	Total					211.66
	Ada tor water cnarges @ 1%					2.12 (X)
	Total					213.78
	Add GST 12% on "X" (multiplying factor 0.1405)					30.04
	Total					243.82 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					36.57
	Cost of 1 cum					280.39
	Add labour cess @ 1%					2.80
	Rate including labour cess					283.19
			Say	**Rs.283.20**	**Per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.7.2	**In lime mortar with old mughal bricks**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	1.240	306.000	(0114)	379.44
	Coolie	per day	0.460	318.000	(0115)	146.28
	Sundries	1 time	1.040	2.120	(9999)	2.20
	Total					527.92
	Ada tor water cnarges @ 1%					5.28 (X)
	Total					533.20
	Add GST 12% on "X" (multiplying factor 0.1405)					74.92
	Total					608.12 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					91.22
	Cost of 1 cum					699.34
	Add labour cess @ 1%					6.99
	Rate including labour cess					706.33
			Say	**Rs.706.30**	**Per cum**	
15.7.3	**In lime mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	0.440	306.000	(0114)	134.64
	Coolie	per day	0.370	318.000	(0115)	117.66
	Sundries	1 time	1.040	2.120	(9999)	2.20
	Total					254.50
	Ada tor water cnarges @ 1%					2.55 (X)
	Total					257.05
	Add GST 12% on "X" (multiplying factor 0.1405)					36.12
	Total					293.17 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					43.97
	Cost of 1 cum					337.14
	Add labour cess @ 1%					3.37
	Rate including labour cess					340.51
			Say	**Rs.340.50**	**Per cum**	
15.7.4	**In cement mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	1.060	306.000	(0114)	324.36
	Coolie	per day	0.900	318.000	(0115)	286.20
	Sundries	1 time	2.400	2.120	(9999)	5.09
	Total					615.65
	Ada tor water cnarges @ 1%					6.16 (X)
	Total					621.80
	Add GST 12% on "X" (multiplying factor 0.1405)					87.36
	Total					709.17 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					106.38
	Cost of 1 cum					815.54
	Add labour cess @ 1%					8.16
	Rate including labour cess					823.70
			Say	**Rs.823.70**	**Per cum**	

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.8	**Removing mortar form bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured):**					
15.8.1	**From brick work in mud mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	2.400	306.000	(0114)	734.40
	Coolie	per day	1.600	318.000	(0115)	508.80
	Mason 2nd dass	per day	0.400	369.000	(0124)	147.60
	Sundries	1 time	1.820	2.120	(9999)	3.86
	Total					1394.66
	Ada tor water cnarges @ 1%					13.95
	Total					1408.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					197.91
	Total					1606.51 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					240.98
	Cost of 1 cum					1847.49
	Add labour cess @ 1%					18.47
	Rate including labour cess					1865.96
			Say	**Rs.1866.00**	**Per cum**	
15.8.2	**From brick work in lime mortar**					
	Details of cost for 1 cum					
	Labour:					
	Betdar	per day	2.800	306.000	(0114)	856.80
	Coolie	per day	1.400	318.000	(0115)	445.20
	Mason 2nd class	per day	0.800	369.000	(0124)	295.20
	Sundries	1 time	8.970	2.120	(9999)	19.02
	Total					1616.22
	Ada tor water cnarges @ 1%					16.16
	Total					1632.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					229.35
	Total					1861.73 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					279.26
	Cost of 1 cum					2140.99
	Add labour cess @ 1%					21.41
	Rate including labour cess					2162.40
			Say	**Rs.2162.40**	**Per cum**	
15.8.3	**From brick work in cement mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	3.500	306.000	(0114)	1071.00
	Coolie	per day	1.500	318.000	(0115)	477.00
	Mason 2nd class	per day	1.240	369.000	(0124)	457.60
	Sundries	1 time	8.060	2.120	(9999)	17.09
	Total					2022.68
	Ada tor water cnarges @ 1%					20.23
	Total					2042.91 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					287.03
	Total					2329.94 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					349.49
	Cost of 1 cum					2679.431
	Add labour cess @ 1%					26.79
	Rate including labour cess					2706.22
			Say	**Rs.2706.20**	**Per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.9	**Demolishing stone rubble masonry including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.**					
15.9.1	**In lime mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	0.610	306.000	(0114)	186.66
	Coolie	per day	0.490	318.000	(0115)	155.82
	Sundries	1 time	1.950	2.120	(9999)	4.13
	Total					346.61
	Ada tor water cnarges @ 1%					3.47
	Total					350.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					49.19
	Total					399.27 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					59.89
	Cost of 1 cum					459.16
	Add labour cess @ 1%					4.59
	Rate including labour cess					463.75
			Say	**Rs.463.70**	**Per cum**	
15.9.2	**In cement mortar**					
	Details of cost for 1 cum					
	Labour					
	Beldar	per day	1.300	306.000	(0114)	397.80
	Coolie	per day	1.04	318.000	(0115)	330.72
	Sundries	1 time	2.73	2.120	(9999)	5.79
	Total					734.31
	Ada tor water cnarges @ 1%					7.34
	Total					741.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					104.20
	Total					845.85 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					126.88
	Cost of 1 cum					972.73
	Add labour cess @ 1%					9.73
	Rate including labour cess					982.46
			Say	**Rs.982.50**	**Per cum**	
15.10	**Desmantiling dressed stone work ashlar face stone work, marble work or precast concrete work including stacking of service able and disposal of unserviceable material within 50 metres lead:**					
15.10.1	**In lime mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar '	per day	0.78	306.000	(0114)	238.68
	Coolie	per day	0.61	318.000	(0115)	193.98
	Sundries	1 time	2.73	2.120	(9999)	5.79
	Total					438.45
	Ada tor water cnarges @ 1%					4.38
	Total					442.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					62.22
	Total					505.05 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					75.76
	Cost of 1 cum					580.81
	Add labour cess @ 1%					5.81
	Rate including labour cess					586.62
			Say	**Rs.586.60**	**Per cum**	

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.10.2	**In cement mortar**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	1.55	306.000	(0114)	474.30
	Coolie	per day	1.19	318.000	(0115)	378.42
	Sundries	1 time	2.73	2.120	(9999)	5.79
	Total					858.51
	Ada tor water cnarges @ 1%					8.59
	Total					867.09 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					121.83
	Total					988.92 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					148.34
	Cost of 1 cum					1137.26
	Add labour cess @ 1%					11.37
	Rate including labour cess					1148.63
			Say	**Rs.1148.60**	**Per cum**	
15.11	**Removing mortar form stones and cleaning stones and concrete articles (net quantity of stacks of cleaned materials will be measured)**					
15.11.1	**In lime mortar**					
	Details of cost for 1 cum					
	Labour:					
	Mason 2nd dass	per day	0.05	369.000	(0124)	18.45
	Beldar	per day	0.2	306.000	(0114)	61.20
	Coolie	per day	0.2	318.000	(0115)	63.60
	Sundries	1 time	0.52	2.120	(9999)	1.10
	Total					144.35
	Ada tor water cnarges @ 1%					1.44
	Total					145.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					20.48
	Total					166.28 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					24.94
	Cost of 1 cum					191.22
	Add labour cess @ 1%					1.91
	Rate including labour cess					193.13
			Say	**Rs.193.13**	**Per cum**	
15.11.2	**In cement mortar**					
	Details of cost for 1 cum					
	Labour:					
	Mason 2nd class	per day	0.050	369.000	(0124)	18.45
	Beldar	per day	0.400	306.000	(0114)	122.40
	Coolie	per day	0.200	318.000	(0115)	63.60
	Sundries	1 time	0.910	2.120	(9999)	1.93
	Total					206.38
	Ada tor water cnarges @ 1%					2.06
	Total					208.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					29.29
	Total					237.73 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					35.66
	Cost of 1 cum					273.39
	Add labour cess @ 1%					2.73
	Rate including labour cess					276.12
			Say	**Rs.276.10**	**Per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.12	**Desmantiling doors windows and clerestory windows (steel or wood) shutters including chowkhats, architrage. holdfasts etc. comploete and stacking within 50 metres lead:**					
15.12.1	**Of area 3 sqm and below**					
	Details of cost for each					
	Labour:					
	Mason 2nd class	per day	0.100	369.000	(0124)	36.90
	Beldar	per day	0.180	306.000	(0114)	55.08
	blacksmith 2nd dass	per day	0.050	369.000	(0103)	18.45
	Sundries	1 time	1.430	2.120	(9999)	3.03
	Total					113.46
	Ada tor water cnarges @ 1%					1.13
	Total					114.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.10
	Total					130.70 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					19.60
	Cost of 1 each					150.30
	Add labour cess @ 1%					1.50
	Rate including labour cess					151.80
			Say	**Rs.151.80**	**Each**	
15.12.2	**Of area beyond 3 sqm**					
	Details of cost of each					
	Labour:					
	Mason 2nd class	per day	0.130	369.000	(0124)	47.97
	Beldar	per day	0.250	306.000	(0114)	76.50
	Blacksmith 2nd dass	per day	0.070	369.000	(0103)	25.83
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					156.09
	Ada tor water cnarges @ 1%					1.56
	Total					157.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					22.15
	Total					179.80 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					26.97
	Cost of 1 each					206.77
	Add labour cess @ 1%					2.07
	Rate including labour cess					208.84
			Say	**Rs.208.80**	**Each**	
15.13	**Taking out doors, windows and clerstory window shutters (steel or wood) including stacking within 50 metres lead.**					
15.13.1	**Of area 3 sqm and below**					
	Details of cost of each					
	Labour:					
	Carpenter 2nd class	per day	0.050	369.000	(0112)	18.45
	Beldar	per day	0.080	306.000	(0114)	24.48
	Sundries	1 time	0.520	2.120	(9999)	1.10
	Total					44.03
	Ada tor water cnarges @ 1%					0.44
	Total					44.47 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					6.25
	Total					50.72 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					7.61
	Cost of 1 each					58.33
	Add labour cess @ 1%					0.58
	Rate including labour cess					58.91
			Say	**Rs.58.90**	**Each**	

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.13.2	**Of area beyond 3 sqm Details of cost of each**					
	Labour:					
	Carpenter 2nd class	per day	0.070	369.000	(0112)	25.83
	Beldar	per day	0.100	306.000	(0114)	30.60
	Sundries	1 time	0.910	2.120	(9999)	1.93
	Total					58.36
	Ada tor water cnarges @ 1%					0.58
	Total					58.94 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					8.28
	Total					67.22 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					10.08
	Cost of 1 each					77.31
	Add labour cess @ 1%					0.77
	Rate including labour cess					78.08
			Say	**Rs.78.10**	**Each**	**per each**
15.14	**Dismantling wood work in frames, trusses, purlins and rafters upto 10 metres span and 5 metres height including stacking the material within 50 metres lead:**					
15.14.1	**Of sectional area 40 cm^2 and above**					
	Details of cost for 1 cum					
	Labour:					
	Carpenter 2nd class	per day	2.000	369.000	(0112)	738.00
	Beldar	per day	2.000	306.000	(0114)	612.00
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					1378.39
	Ada tor water cnarges @ 1%					13.78
	Total					1392.17 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					195.60
	Total					1587.77 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					238.17
	Cost of 1 cum					1825.94
	Add labour cess @ 1%					18.26
	Rate including labour cess					1844.20
			Say	**Rs.1844.20**	Per cum	
15.14.2	**Of sectional area below 40cm^3**					
	Details of cost for 10 metre					
	Labour:					
	Carpenter 2nd dass	per day	0.080	369.000	(0112)	29.52
	Beldar	per day	0.080	306.000	(0114)	24.48
	Sundries	1 time	0.520	2.120	(9999)	1.10
	Total					55.10
	Ada tor water cnarges @ 1%					0.55
	Total					55.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.82
	Total					63.47 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					9.52
	Cost of 10 m					72.99
	Cost of 1 m					7.30
	Add labour cess @ 1%					0.07
	Rate including labour cess					7.37
			Say	**Rs.7.40**	**per metre**	

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.15	**Extra for dismantling trusses, rafters, purlins etc. of wood work for every additional span of of one metre or part thereof beyond 10 metres:**					
15.15.1	**Of sectional area 40 cm^2 and above**					
	Details of cost for 1 cum for every additional span of 1 metre.					
	Labour:					
	Blacksmith 2nd dass	per day	0.200	369.000	(0103)	73.80
	Beldar	per day	0.300	306.000	(0114)	91.80
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					193.99
	Ada tor water cnarges @ 1%					1.94
	Total					195.93 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					27.53
	Total					223.45 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					33.52
	Cost of 1 metre span					256.97
	Add labour cess @ 1%					2.57
	Rate including labour cess					259.54
	Cost of 1.00 cum per metre span		**Say**	**Rs.259.50**	**per cum per m span**	
15.15.2	**Of. sectional area below 40 cm^2**					
	Details of cost for 1.00 cum for every additional span of 1.00 metre					
	Labour:					
	Blacksmith 2nd class	per day	0.007	369.000	(0103)	2.399
	Beldar	per day	0.008	306.000	(0114)	2.448
	Sundries	1 time	0.390	2.120	(9999)	0.827
	Total					5.673
	Ada tor water cnarges @ 1%					0.057
	Total					5.730 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					0.805
	Total					6.535 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					0.980
	Cost of 10 m					7.515
	Cost of 1 metre span					0.752
	Add labour cess @ 1%					0.010
	Rate including labour cess					0.762
	Cost of 1.00 metre per metre span		**Say**	**Rs.0.80**	**per metre per m span**	
15.16	**Extra for dismantling trusses, rafters purlins etc. of wood work for every additional height of one metre or part thereof beyond 5 metres.**					
15.16.1	**Of sectional area 40 square centimetres and above**					
	Details of cost for 1 cum/m					
	Labour:					
	Blacksmith 2nd class	per day	0.250	369.000	(0103)	92.25
	Beldar	per day	0.500	306.000	(0114)	153.00
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					273.64
	Ada tor water cnarges @ 1%					2.74
	Total					276.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					38.83
	Total					315.20 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					47.28
	Cost of 1 cum					362.48

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add labour cess @ 1%					3.62
	Rate including labour cess					366.10
	Cost of 1.00 cum per metre height		**Say**	**Rs.366.10**	**per cum/m ht.**	
15.16.2	**Of sectional area belwo 40 square centimetres**					
	Details of cost for 10 metre per additional height of 1 metre					
	Labour:					
	Blacksmith 2nd class	per day	0.01	369.000	(0103)	3.690
	Beldar	per day	0.02	306.000	(0114)	6.120
	Sundries	1 time	0.39	2.120	(9999)	0.827
	Total					10.637
	Ada tor water cnarges @ 1%					0.106
	Total					10.743 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1.509
	Total					12.253 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					1.838
	Cost of 10 m					14.090
	Cost of 1 m .					1.409
	Add labour cess @ 1%					0.010
	Rate including labour cess					1.419
	Cost of 1.00 metre per metre height		**Say**	**Rs.1.40**	**metre per metre ht**	
15.17	**Dismantling steel work in single sections including desmembering and stacking-within SO metres lead in:**					
15.17.1	**R.S. Joists**					
	Details of cost for 1 quintal					
	Labour:					
	Blacksmith 2nd dass	per day	0.050	369.000	(0103)	18.45
	Bandhani	per day	0.100	325.000	(0100)	32.50
	Beldar	per day	0.150	306.000	(0114)	45.90
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					102.64
	Ada tor water cnarges @ 1%					1.03
	Total					103.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					14.56
	Total					118.23 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					17.73
	Cost of 100 kg					135.96
	Cost of 1 kg					1.36
	Add labour cess @ 1%					0.01
	Rate including labour cess					1.37
			Say	**Rs.1.40**	**per kg**	
15.17.2	**Channels.angles, tees and flats**					
	Details of cost for 1 quintal					
	Labour:					
	Blacksmith 2nd dass	per day	0.050	369.000	(0103)	18.450
	Bandhani	per day	0.050	325.000	(0100)	16.25
	Beldar	per day	0.100	306.000	(0114)	30.60
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					71.09
	Ada tor water cnarges @ 1%					0.71
	Total					71.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10.09

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					81.89 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					12.28
	Cost of 100 kg					94.17
	Cost of 1 kg					0.94
	Add labour cess @ 1%					0.01
	Rate including labour cess					0.95
			Say	**Rs.1.00**	**per kg**	
15.18	**Dismantling steel work in built up sections in angles, tees, ffiats and channels induding ali gusset plats, bolts, nuts, cutting rivets, welding etc. induding dismem bering and stacking within 50 metres lead.**					
	Details of cost for 1 quintal					
	Labour:					
	Blacksmith 2nd dass	per day	0.150	369.000	(0103)	55.35
	Bandhani	per day	0.100	325.000	(0100)	32.50
	Beldar	per day	0.250	306.000	(0114)	76.50
	Sundries	1 time	4.160	2.120	(9999)	8.82
	Total					173.17
	Ada tor water cnarges @ 1%					1.73
	Total					174.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					24.57
	Total					199.47 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					29.92
	Cost of 100 kg					229.40
	Cost of 1 kg					2.29
	Add labour cess @ 1%					0.02
	Rate including labour cess					2.31
			Say	**Rs.2.30**	**per kg**	
15.19	**Dismantling steel work in built up sections without dismembering and stacking within 50 metres lead Details of fcost for 1 quintal**					
	Labour:					
	Bandhani	per day	0.100	325.000	(0 100)	32.50
	Beldar	per day	0.250	306.000	(0114)	76.52
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					114.81
	Ada tor water cnarges @ 1%					1.15
	Total					115.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.29
	Total					132.25 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					19.84
	Cost of 100 kg					152.09
	Cost of 1 kg					1.52
	Add labour cess @ 1%					0.02
	Rate including labour cess					1.54
			Say	**Rs.1.60**	**per kg**	
15.20	**Extra for dismantling trusses, rafters, purlins eetc. Of steel work for every additional span of one metre or part thereof beyond 10 metres Details of cost for 1 quintal for every additional span of 1 metre beyond 10 m**					
	Labour:					
	Bandhani	per day	0.020	325.000	(0100)	6.500
	Beldar	per day	0.060	306.000	(0114)	18.360
	Sundries	1 time	0.390	2.120	(9999)	0.827
	Total					25.687
	Ada tor water cnarges @ 1%					0.256868

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					25.943668 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					3.65
	Total					29.59 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					4.44
	Cost of 100 kg					34.03
	Cost of 1 kg					0.34
	Add labour cess @ 1%					0.00
	Rate including labour cess					0.34
			Say	**Rs.0.30**	**per kg**	
15.21	**Extra for dismantling trusses, rafters, purlins etc. Of steel work for every additional height of one metre or part there of beyond 5 metres Details of cost per quintal / metre**					
	Labour:					
	Bandhani	per day	0.020	325.000	(0100)	6.500
	Beldar	per day	0.060	306.000	(0114)	18.360
	Sundries	1 time	0.390	2.120	(9999)	0.827
	Total					25.687
	Ada tor water cnarges @ 1%					0.256868
	Total					25.943668 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					3.65
	Total					29.59 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					4.44
	Cost of 100 kg					34.03
	Cost of 1 kg					0.34
	Add labour cess @ 1%					0.00
	Rate including labour cess					0.34
			Say	**Rs.0.30**	**per kg**	
15.22	**Extra for marking of structural steel work required to be re-erected.**					
	Details of cost fper.quinta!					
	Labour:					
	Mistry	per day	0.200	306.000	(0130)	61.2
	Beldar	per day	0.200	306.000	(0114)	61.2
	Total					122.400
	Ada tor water cnarges @ 1%					1.224
	Total					123.624 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					17.37
	Total					140.99 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					21.15
	Cost of 100 kg					162.142
	Cost of 1 kg					1.62
	Add labour cess @ 1%					0.02
	Rate including labour cess					1.64
			Say	**Rs.1.60**	**per kg**	
15.23	**Dismantling tile work in floorss and roofs laindin cement mortar including stacking material within 50 metres lead.**					
15.23.1	**For thickness of tiles 10 mm to 25 mm**					
	Details of cost for 10 sqm					
	Labour: Mason 2nd class	per day	0.300	369.000	(0124)	110.70
	Beldar	per day	0.120	306.000	(0114)	36.72
	Coolie	per day	0.240	318.000	(0115)	76.32
	Sundries .	1 time	2.730	2.120	(9999)	5.79
	Total					229.53

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Ada tor water cnarges @ 1%					2.30
	Total					231.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					32.57
	Total					264.39 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					39.66
	Cost of 10 sqm					304.05
	Cost of 1 sqm					30.41
	Add labour cess @ 1%					0.30
	Rate including labour cess					30.71
			Say	**Rs.30.70**	**Per sqm**	
15.23.2	**For thickness of tiles above 25 mm and upto 40 mm**					
	Details of cost for 10 sqm					
	Labour:					
	Mason 2nd class	per day	0.590	369.000	(0124)	217.71
	Beldar	per day	0.180	306.000	(0114)	55.08
	Coolie	per day	0.240	318.000	(0115)	76.32
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					354.90
	Ada tor water cnarges @ 1%					3.55
	Total					358.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					50.36
	Total					408.81 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					61.32
	Cost of 10 sqm					470.13
	Cost of 1 sqm					47.01
	Add labour cess @ 1%					0.47
	Rate including labour cess					47.48
			Say	**Rs.47.50**	**Per sqm**	
15.24	**Demolishing dry brick pitching in floors, drains etc. including stacking serviceable material and disposal of unserviceable material within 50 metres lead.**					
	Details of cost for 1 cum					
	Labour:					
	Beldar	per day	0.250	306.000	(0114)	76.50
	Coolie	per day	1.000	318.000	(0115)	318.00
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					400.29
	Ada tor water cnarges @ 1%					4.00
	Total					404.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					56.80
	Total					461.09 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					69.16
	Cost of 1 cum					530.26
	Add labour cess @ 1%					5.30
	Rate including labour cess					535.56
			Say	**Rs.535.60**	**Per sqm**	
15.25	**Dismantling stone stab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.**					
	Details of cost for 10 sqm					
	Labour:					
	Beidar	per day	1.770	306.000	(0114)	541.62
	Coolie	per day	0.750	318.000	(0115)	238.50
	Sundries	1 time	8.060	2.120	(9999)	17.09
	Total					797.21

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Ada tor water cnarges @ 1%					7.97
	Total					805.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					113.13
	Total					918.31 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					137.75
	Cost of 10 sqm					1056.05
	Cost of 1 sqm					105.61
	Add labour cess @ 1%					1.06
	Rate including labour cess					106.67
			Say	**Rs.106.70**	**Per sqm**	
15.26	**Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. "**					
	Details of cost for 10.00 sqm					
	Labour:					
	Mason 2nd class	per day	0.540	369.000	(0124)	199.26
	Beidar	per day	0.160	306.000	(0114)	48.96
	Coolie	per day	0.240	318.000	(0115)	76.32
	Sundries	1 time	2.470	2.120	(9999)	5.24
	Total					329.78
	Ada tor water cnarges @ 1%					3.30
	Total					333.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					46.80
	Total					379.87 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					56.98
	Cost of 10 sqm					436.85
	Cost of 1 sqm					43.69
	Add labour cess @ 1%					0.44
	Rate including labour cess					44.13
			Say	**Rs.44.10**	**Per sqm**	
15.27	**Demolishing mud phaska in terracing and disposal of material within 50 metres lead**					
	Details of cost for 1 cum					
	Labour:					
	Beidar	per day	0.250	306.000	(0114)	76.50
	Coolie	per day	0.620	318.000	(0115)	197.16
	Sundries	1 time	1.040	2.120	(9999)	2.20
	Total					275.86
	Ada tor water cnarges @ 1%					2.76
	Total					278.62 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					39.15
	Total					317.77 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					47.67
	Cost of 1 cum					365.44
	Add labour cess @ 1%					3.65
	Rate including labour cess					369.09
			Say	**Rs.369.10**	**Per cum**	
15.28	**Dismantling roofing including ridges, hips valleys and gutters etc. and stacking the material within 50 metres lead of:**					
15.28.1	**G.S. Sheet**					
	Details of cost for 10 sqm					
	Labour:					
	Carpenter 2nd class	per day	0.500	369.000	(0112)	184.50
	Beidar	per day	1.000	306.000	(0114)	306.00
	Sundries	1 time	6.760	2.120	(9999)	14.33

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					504.83
	Ada tor water cnarges @ 1%					5.05
	Total					509.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					71.64
	Total					581.52 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					87.23
	Cost of 10 sqm					668.75
	Cost of 1 sqm					66.87
	Add labour cess @ 1%					0.67
	Rate including labour cess					67.54
			Say	**Rs.67.50**	**Per sqm**	
15.28.2	**Asbestos sheet**					
	Details of cost for 10 sqrrt					
	Labour:					
	Carpenter 2nd class	per day	0.200	369.000	(0112)	73.80
	Beldar	per day	0.500	306.000	(0114)	153.00
	Sundries	1 time	5.330	2.120	(9999)	11.30
	Total					238.10
	Ada tor water cnarges @ 1%					2.38
	Total					240.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					33.79
	Total					274.27 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					41.14
	Cost of 10-sqm					315.41
	Cost of 1 sqm					31.54
	Add labour cess @ 1%					0.32
	Rate including labour cess					31.86
			Say	**Rs.31.90**	**Per sqm**	
15.29	**Dismantling stone slab roofing over wooden karries or R.C.C battens (dismantling karries and battens to be paid for separately) including stacking of serviceable material and disposal of unserviceable material within 50 metres lead:**					
	Details of cost for 1 cum					
	Labour:					
	Beldar -	per day	1.770	306.000	(0114)	541.62
	Coolie	per day	0.750	318.000	(0115)	238.50
	Sundries	1 time	8.060	2.120	(9999)	17.09
	Total					797.21
	Ada tor water cnarges @ 1%					7.97
	Total					805.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					113.13
	Total					918.31 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					137.75
	Cost of 1 cum					1056.05
	Add labour cess @ 1%					10.56
	Rate including labour cess					1066.61
			Say	**Rs.1066.60**	**Per cum**	
15.30	**Dismantling jack arch roofing and floors including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.**					
	Details of cost for 10 sqm					
	Labour:					
	Beldar	per day	1.190	306.000	(0114)	364.14
	Coolie	per day	1.210	318.000	(0115)	384.78
	Sundries	1 time	8.060	2.120	(9999)	17.09

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					766.01
	Ada tor water cnarges @ 1%					7.66
	Total					773.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					108.70
	Total					882.37 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					132.36
	Cost of 10 sqm					1014.72
	Cost of 1 sqm					101.47
	Add labour cess @ 1%					1.01
	Rate including labour cess					102.48
			Say	**Rs.102.50**	**Per sqm**	
15.31	**Dismantling tiled roofing with battens boarding etc. complete includding stacking of serviceable material and disposal of unserviceable material within 50 metres lead.**					
	Details of cost for TO sqm					
	Labour:					
	Beldar	per day	1.730	306.000	(0114)	529.38
	Coolie	per day	0.250	318.000	(0115)	79.50
	Sundries	1 time	8.060	2.120	(9999)	17.09
	Total					625.97
	Ada tor water cnarges @ 1%					6.26
	Total					632.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					88.83
	Total					721.05 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					108.16
	Cost of 10 sqm					829.21
	Cost of 1 sqm					82.92
	Add labour cess @ 1%					0.83
	Rate including labour cess					83.75
			Say	**Rs.83.80**	**Per sqm**	
15.32	**Demolishing thatch roofing including mats.bamboojaffari etc, complete including stacking of servicable material and disposal of unserviceable material within 50 metres lead Details of cost for 10 sqm**					
	Labour:					
	Beldar	per day	0.540	306.000	(0114)	165.24
	Sundries	1 time	3.640	2.120	(9999)	7.72
	Total					172.96
	Ada tor water cnarges @ 1%					1.73
	Total					174.69 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					24.54
	Total					199.23 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					29.88
	Cost of 10 sqm					229.11
	Cost of 1 sqm					22.91
	Add labour cess @ 1%					0.23
	Rate including labour cess					23.14
			Say	**Rs.23.10**	**Per sqm**	
15.33	**Dismanting wooden bailies in posts and struts including stacking within 50 metres lead Details of cost for 10 sqm**					
	Labour:					
	Beldar	per day	0.500	306.000	(0114)	153.000
	Coolie	per day	0.500	318.000	(0115)	159.000
	Sundries	1 time	0.520	2.120	(9999)	1.102
	Total					313.102

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Ada tor water cnarges @ 1%					3.131
	Total					316.233 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					44.431
	Total					360.664 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					54.100
	Cost of 50 m					414.764
	Cost of 1 m					8.295
	Add labour cess @ 1%					0.080
	Rate including labour cess					8.375
			Say	**Rs.8.40**	**Per sqm**	
15.34	**Dismanting and stacking 50 metres lead.fencing posts or struts including al! earth work and dismantling of concrete etc. in base of:**					
15.34.1	**T' or 'L' iron or pipe**					
	Details of cost for 1 each					
	Labour:					
	Beldar	per day	0.107	306.000	(0114)	32.74
	Coolie	per day	0.067	318.000	(0115)	21.31
	Excavation , transporting and stacking the posts to the required place within 50 metres lead, refilling the pit and dressing the same	1 time	0.260	2.120	(9999)	0.55
	Extra for lifting of R.C.C. posts being heavier than L iron and cleaning the posts of stacking concrete	1 time	13.390	2.120	(9999)	28.39
	Sundries	1 time	1.430	2.120	(9999)	3.03
	Total					86.02
	Ada tor water cnarges @ 1%					0.86
	Total					86.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12.21
	Total					99.08 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					14.86
	Cost of 1 each					113.95
	Add labour cess @ 1%					1.14
	Rate including labour cess					115.09
			Say	**Rs.115.10**	**Each**	
15.34.2	**R.C. C.**					
	Details of cost for 1 each					
	Labour:					
	Beldar	per day	0.097	306.000	(0114)	29.68
	Coolie	per day	0.060	318.000	(0115)	19.08
	Sundres	1 time	0.260	2.120	(9999)	0.55
	Excavation , transporting and stacking the posts to the requied place within metres lead, refilling the pit and dresing the same	1 time	13.390	2.120	(9999)	28.39
	Extra for lifting or R.C.C. posts being heavier than L iron and cleaning the posts of stacking concrete	1 time	8.060	2.120	(9999)	17.09
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					100.57
	Ada tor water cnarges @ 1%					1.01
	Total					101.58 (X)

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					14.27
	Total					115.85 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					17.38
	Cost of 1 each					133.23
	Add labour cess @ 1%					1.33
	Rate including labour cess					134.56
			Say	**Rs.134.57**	**Each**	
15.35	**Cutting bailies or wooden posts of fencing at the point of projection above the concrete or ground and stacking the same within 50 metres lead. Details of cost for 1 bailie (post)**					
	Cutting	1 time	2.730	2.120	(9999)	5.79
	Transporting and stacking	1 time	1.430	2.120	(9999)	3.03
	Total					8.82
	Ada tor water cnarges @ 1%					0.09
	Total					8.91 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1.25
	Total					10.16 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					1.52
	Cost of 1 each					11.68
	Add labour cess @ 1%					0.12
	Rate including labour cess					11.80
			Say	**Rs.11.80**	**Each**	
15.36	**Dismantling barbed wire or flexible rope in fencing including making rolls and stacking within 50 metres lead.**					
	Details of cost for pne quintal					
	Labour:					
	Beldar	per day	3.500	306.000	(0114)	1071.00
	Sundries	1 time	5.330	2.120	(9999)	11.30
	Total					1082.30
	Ada tor water cnarges @ 1%					10.82
	Total					1093.12 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					153.58
	Total					1246.71 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					187.01
	Cost of 100 kg					1433.71
	Cost of 1 kg					14.34
	Add labour cess @ 1%					0.14
	Rate including labour cess					14.48
			Say	**Rs.14.50**	per kg	
15.37	**Dismanting wooden trellis work excluding frames but including stacking the serviceable material within 50 metres lead.**					
	Details of cost for 10 sqm					
	Labour:					
	Mason 2nd class	per day	0.100	369.000	(0124)	36.90
	Beldar	per day	0.250	306.000	(0114)	76.50
	Coolie	per day	0.250	318.000	(0115)	79.50
	Sundries	1 time	2.730	2.120	(9999)	5.79
	Total					198.69
	Ada tor water cnarges @ 1%					1.99
	Total					200.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					28.19
	Total					228.87 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					34.33
	Cost of 10sqm					263.20

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 1 sqm					26.32
	Add labour cess @ 1%					0.26
	Rate including labour cess					26.58
			Say	**Rs.26.60**	**Per sqm**	
15.38	**Dismantling expanded metal or I.R.C. fabrics with necessary battens and beading induding stacking the serviceable material within 50 metres lead.**					
	Details of cost for"10 sqm					
	Labour:					
	Carpenter 2nd class	per day	0.100	369.000	(0112)	36.90
	Beldar	per day	0.400	306.000	(0114)	122.40
	Coolie	per day	0.200	318.000	(0115)	63.60
	Sundries	1 time	4.160	2.120	(9999)	8.82
	Total					231.72
	Ada tor water cnarges @ 1%					2.32
	Total					234.04 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					32.88
	Total					266.92 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					40.04
	Cost of 10 sqm					306.96
	Cost of 1 sqm					30.70
	Add labour cess @ 1%					0.31
	Rate including labour cess					31.01
			Say	**Rs.31.00**	**Per sqm**	
15.39	**Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but induding stacking within 50 metres lead.**					
15.39.1	**Upto 10 mm thick**					
	Details of cost for 10 sqm					
	Labour:					
	Carpenter 2nd dass	per day	0.150	369.000	(0112)	55.35
	Beldar	per day	0.200	306.000	(0114)	61.20
	Coolie	per day	0.200	318.000	(0115)	63.60
	Sundres	1 time	5.330	2.120	(9999)	11.30
	Total					191.45
	Ada tor water cnarges @ 1%					1.91
	Total					193.36 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					27.17
	Total					220.53 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					33.08
	Cost of 10 sqm					253.61
	Cost of 1 sqm					25.36
	Add labour cess @ 1%					0.25
	Rate including labour cess					25.61
			Say	**Rs.25.60**	**Per sqm**	
15.39.2	**Thickness above 10 mm upto 25 mm**					
	Details of cost for 10 sqm					
	Labour:					
	carpenter 2nd class	per day	0.200	369.000	(0112)	73.80
	Beldar	per day	0.250	306.000	(0114)	76.50
	Coolie	per day	0.250	318.000	(0115)	79.50
	Sundries	1 time	6.760	2.120	(9999)	14.33
	Total					244.13
	Ada tor water cnarges @ 1%					2.44
	Total					246.57 (X)

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					34.64
	Total					281.22 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					42.18
	Cost of 10sqrh					323.40
	Cost of 1 sqm					32.34
	Add labour cess @ 1%					0.32
	Rate including labour cess					32.66
			Say	**Rs.32.70**	**Per sqm**	
15.39.3	**Thickness above 25 mm upto 40 mm**					
	Details of cost for 10 sqm					
	Carpenter 2nd class	per day	0.200	369.000	(0112)	73.80
	Beldar	per day	0.300	306.000	(0114)	91.80
	Coolie	per day	0.300	318.000	(0115)	95.40
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					289.39
	Ada tor water cnarges @ 1%					2.89
	Total					292.28 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					41.07
	Total					333.35 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					50.00
	Cost of 10 sqm					383.35
	Cost of 1 sqm					38.33
	Add labour cess @ 1%					0.38
	Rate including labour cess					38.71
			Say	**Rs.38.70**	**Per sqm**	
15.40	**Dismanting precast concrete or stone slabs in walls , partition walls etc. including stacking within 50 metres lead.-**					
15.40.1	**Thickness upto 40 mm**					
	Details of cost for 10 sqm					
	Labour:					
	mason 2nd class	per day	0.200	369.000	(0124)	73.80
	Beldar	per day	2.000	306.000	(0114)	612.00
	Coolie	per day	0.500	318.000	(0115)	159.00
	Sundries	1 time	13.390	2.120	(9999)	28.39
	Total					873.19
	Ada tor water cnarges @ 1%					8.73
	Total					881.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					123.91
	Total					1005.83 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					150.87
	Cost of 10 sqm					1156.70
	Cost of 1 sqm					115.67
	Add labour cess @ 1%					1.16
	Rate including labour cess					116.83
			Say	**Rs.116.80**	**Per sqm**	
15.40.2	**Thickness above 40 mm upto 75 mm**					
	Details of cost for 10 sqm					
	Labour:					
	mason 2nd class	per day	0.300	369.000	(0124)	110.70
	Beldar .	per day	3.000	306.000	(0114)	918.00
	Coolie	per day	0.750	318.000	(0115)	238.50
	Sundries	1 time	18.850	2.120	(9999)	39.96
	Total					1307.16

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Ada tor water cnarges @ 1%					13.07
	Total					1320.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					185.49
	Total					1505.73 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					225.86
	Cost of 10 sqm					1731.59
	Cost of 1 sqm					173.16
	Add labour cess @ 1%					1.73
	Rate including labour cess					174.89
			Say	**Rs.174.90**	**Per sqm**	
15.41	**Dismanting cement asbostors, Celotax or other hard board celling or partition walls including stacking of serviceable materials and disposal of unseviceabale materials within 50 metres lead. sqm**					
	Details of cost for 10					
	Carpenter 2nddass	per day	0.2	369.000	(0112)	73.80
	Beldar	per day	0.3	306.000	(0114)	91.80
	Sundries	1 time	5.33	2.120	(9999)	11.30
	Total					176.90
	Ada tor water cnarges @ 1%					1.77
	Total					178.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					25.10
	Total					203.77 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					30.57
	Cost of 10 sqm					234.34
	Cost of 1 sqm					23.43
	Add labour cess @ 1%					0.23
	Rate including labour cess					23.66
			Say	**Rs.23.70**	**Per sqm**	
15.42	**Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead.**					
15.42.1	**75 to 80 mm dia pipe .**					
	Details of cost for 10 metres					
	Labour:					
	Beldar	per day	0.36	306.000	(0114)	110.160
	Coolie	per day	0.36	318.000	(0115)	114.480
	Sundries	1 time	0.91	2.120	(9999)	1.929
	Total					226.569
	Ada tor water cnarges @ 1%					2.265692
	Total					228.835 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					32.15
	Total					260.99 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					39.15
	Cost of 10 m					300.13
	Cost of 1 m					30.013
	Add labour cess @ 1%					0.30
	Rate including labour cess					30.31
			Say	**Rs.30.30**	**per metre**	
15.42.2	**100 mm dia pipe**					
	Details of cost for 10 metres					
	Labour:					
	Beldar	per day	0.36	306.000	(0114)	110.16
	Coolie	per day	0.38	318.000	(0115)	120.84
	Sundries	1 time	1.56	2.120	(9999)	3.31

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					234.31
	Ada tor water cnarges @ 1%					2.34
	Total					236.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					33.25
	Total					269.90 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					40.48
	Cost of 10 m					310.38
	Cost of 1 m					31.04
	Add labour cess @ 1%					0.31
	Rate including labour cess					31.35
			Say	Rs.31.30	**per metre**	
15.42.3	**150 mm dia pipe**					
	Details of cost for 10 metres					
	Labour:					
	Beldar	per day	0.36	306.000	(0114)	110.16
	Coolie	per day	0.4	318.000	(0115)	127.20
	Sundries	1 time	2.08	2.120	(9999)	4.41
	Total					241.77
	Ada tor water cnarges @ 1%					2.42
	Total					244.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					34.31
	Total					278.50 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					41.77
	Cost of 10 m					320.27
	Cost of 1 m					32.03
	Add labour cess @ 1%					0.32
	Rate including labour cess					32.35
			Say	**Rs.32.30**	**per metre**	
15.43	**Dismanting including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.**					
15.43.1	**Water bound macadam road**					
	Details a road 6 metres wide and metres length wise 25 cm average depth =9.00 cubic metre					
	Labour:					
	For cutting road taking out soling and metalling including sorting and screening					
	Beldar	per day	4.800	306.000	(0114)	1468.800
	Coolie	per day	2.400	318.000	(0115)	763.200
	Labour for slacking of serviceable material and disposal of unserviceable material within 50 matreslead .	1 time	89.700	2.120	(9999)	190.164
	Total					2422.164
	Ada tor water cnarges @ 1%					24.22164
	Total					2446.38564 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					343.72
	Total					2790.10 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					418.52
	Cost of 36 sam					3208.618
	Cost of 1 sqm					89.128
	Add labour cess @ 1%					0.89
	Rate including labour cess					90.02
			Say	**Rs.90.00**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.43.2	**Bituminous road**					
	Details of cost for 36 sqm Consider a road 6 metres wide and 6 metres length wise 25 cm average depth = 9.00 cubic metre					
	Labour:					
	.For cutting road taking out soling and metalling including sorting and screening					
	Beldar	per day	9.600	306.000	(0114)	2937.60
	Coolie	per day	4.800	318.000	(0115)	1526.40
	Labour for stacking of serviceable material and disposal of unserviceable meterial within 50 metreslead.	1 time	107.640	2.120	(9999)	228.20
	Total					4692.20
	Ada tor water cnarges @ 1%					46.92
	Total					4739.12 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					665.85
	Total					5404.96 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					810.74
	Cost of 36 sqm					6215.71
	Cost of 1 sqm					172.66
	Add labour cess @ 1%					1.73
	Rate including labour cess					174.39
			Say	**Rs.174.40**	**Per sqm**	
15.44	**Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :**					
15.44.1	**15 mm to 40 mm nominal bore**					
	Detail of cost for 10 metre					
	LABOUR					
	Trenching and refilling etc					
	Beldar	day	**0.66**	306.000	**(0114)**	201.96
	Coolie	day	**0.66**	318.000	**(0115)**	209.88
	Dismantling G.I. pipe and stacking etc	L.S.	**35.88**	2.120	**(9999)**	76.07
	TOTAL					487.91 W
	Add 1 % Water charges on "W"					4.88
	TOTAL					492.78 X
	Add GST on "X" (multiplying factor 0.1405)					69.2362442
	TOTAL					562.02 Y
	Add 15% CPOH on "Y"					84.30
	TOTAL					646.32
	Add Cess @ 1% on "Z"					6.46
	Cost of 10.00 metre					652.79
	Cost of 1.00 metre					65.28
	Say		**Say**	**Rs.65.30**	**Per Metre**	
15.44.2	**Above 40 mm nominal bore**					
	Detail of cost for 10 metre					
	LABOUR					
	Trenching and refilling etc					
	Beldar	day	**0.66**	306.000	**(0114)**	201.96
	Coolie	day	**0.66**	318.000	**(0115)**	209.88

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Dismantling G.I. pipe and stacking etc	L.S.	**71.76**	2.120	**(9999)**	152.13
	TOTAL					563.97 W
	Add 1 % Water charges on "W"					5.64
	TOTAL					569.61 X
	Add GST on "X" (multiplying factor 0.1405)					80.0303331
	TOTAL					649.64 Y
	Add 15% CPOH on "Y"					97.45
	TOTAL					747.09
	Add Cess @ 1% on "Z"					7.47
	Cost of 10.00 metre					754.56
	Cost of 1.00 metre					75.46
	Say		**Say**	**Rs.75.50**	**Per Metre**	

15.45 Dismantling G.I. pipes including excavation and refilling trenches after taking out the pipes , breaking lead caulked joints, melting of lead and making into blocks incluiding stacking of pipes , lead at site within 50 metres lead.

15.45.1 Upto 150 mm diameter

Details of cost for 40.25 mor 1 1 Nos. joints .
Earth work in excavation for dismantling pipes including refilling of excavated earth

1x40.26x0.55x0.75 m = 16.6 cum

Deduct for pipes of average 100 mm dia = 40.26x (22/7)/4x(0.018)x(0.018) =0.44 cum =16.17 cum

Beldar	per day	3.230	306.000	(0114)	988.38
Coolie	per day	2.700	318.000	(0115)	858.60
Beldar	per day	1.440	306.000	(0114)	440.64
Coolie	per day	2.100	318.000	(0115)	667.80
Bhishti	per day	0.270	332.000	(0101)	89.64
Fuel wood	quintal	0.460	500.000	(0761)	230.00
Kerosine oil	litre	0.380	50.000	(0771)	19.00
Assistant fitter or 2nd class fitter	per day	0.630	369.000	(0117)	232.47
Beldar	per day	4.500	306.000	(0114)	1377.00
Carriage and sundries	1 time	53.820	2.120	(9999)	114.10
Total					5017.63
Ada tor water cnarges @ 1%					50.18
Total					5067.80 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					712.03
Total					5779.83 (Y)
Add 15 % Contractor's profit and overheads on "Y"					866.97
Cost of 40.26 m					6646.81
Cost of 1 m					165.10
Add labour cess @ 1%					1.65
Rate including labour cess					166.75
		Say	**Rs.166.70**	**per metre**	

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.45.2	**Above 150 mm dia upto 300 mm dia**					
	Details of cost for 40.26 mor 11 Nos. joints. Earth work in excavation for dismantling pipes including refilling of excavated earth					
	1x40.26x0.65x0.75 m = 19.63 cum Deduct for pipes of average 250 mm dia = 1x40.26x(22/7)/4x(0.274)x(0.274) = 2.37 cum , = 17.26 cum					
	Beldar	per day	3.450	306.00	(0114)	1055.70
	Coolie	perday	2.880	318.00	(0115)	915.84
	Bedar	per day	1.540	306.00	(0114)	471.24
	Coolie	per day	2.240	318.00	(0115)	712.32
	Bhishti	per day	0.290	332.00	(0101)	96.28
	Fuel wood	quintal	1.030	500.00	(0761)	515.00
	Kerosine oil	litre	1.140	50.00	(0771)	57.00
	Assistant fitter or 2nd class fitter	per day	1.300	369.00	(0117)	479.70
	Beldar	per day	7.500	306.00	(0114)	2295.00
	Carriage and sundries	1 time	80.730	2.12	(9999)	171.15
	Total					6769.23
	Ada tor water cnarges @ 1%					67.69
	Total					6836.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					960.59
	Total					7797.51 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					1169.63
	Cost of 40.26 m					8967.13
	Cost of 1 m					222.73
	Add labour cess @ 1%					2.23
	Rate including labour cess					224.96
			Say	**Rs.225.00**	**per metre**	
15.45.3	**Above 300 mm diametre**					
	Details of cost for 40.26 mor 11 Nos. joints. Earth work in excavation fordismanting pipes including refilling of excavated earth					
	1x40.26x0.85x0.75 m = 25.67 cum Deduct for pipes of average 450 mm dia = 1x40.26 x(22A7)/4x(0.48)x(0.48) =7.29 cum , = 18.38 cum					
	Beldar	per day	3.680	306.000	(0114)	1126.080
	Coolie	per day	3.070	318.000	(0115)	976.260
	Bedar	per *day*	1.640	306.000	(0114)	501.840
	Coolie	per day	2.390	318.000	(0115)	760.020
	Bhishti	per day	0.310	332.000	(0101)	102.920
	Fuel wood	quintal	1.400	500.000	(0761)	700.000
	Kerosineoil	litre	2.270	50.000	(0771)	113.500
	Assistant fitter or 2nd class fitter	per day	2.250	369.000	(0117)	830.250
	Beldar	per day	11.500	306.000	(0114)	3519.000
	Carriage and sundries	1 time	134.550	2.120	(9999)	285.246
	Total					8915.116
	Ada tor water cnarges @ 1%					89.15116
	Total					9004.26716 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1265.10
	Total					10269.37 (Y)

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 15 % Contractor's profit and overheads on "Y"					1540.41
	Cost jof 40.26 m					11809.772
	Cost of 1 m					293.338
	Add labour cess @ 1%					2.93
	Rate including labour cess					296.27
			Say	**Rs.296.30**	**per metre**	

15.46 Dismanting steel cylinder R.C. pipes including excavation and refilling trenches after laking out the pipes. Breaking lead caulked joints, melting of lead and making into blocks including stacking or pipes , lead at site within 50 metres lead.

15.46.1 Details of cost for 40.26 m or 11 Nos. joints .
Earth work in excavation for dismanting pipes including refilling of excavated earth
1x40.26x1.3x1.65 m = 86.36 cum
Deduct for pipes of average 450 mm dia =
1x40.26x(22/7)/4(1.00)x(1.00) mm =31.63 cum ,
54.73 cum .

Beldar	per day	3.680	306.000	(0114)	1126.080
Coolie	per day	3.070	318.000	(0115)	976.260
Bedar	per day	1.640	306.000	(0114)	501.840
Coolie	per day	2.390	318.000	(0115)	760.020
Bhishti	per day	0.310	332.000	(0101)	102.920
Fuel wood	quintal	1.400	500.000	(0761)	700.000
Kerosine oil	litre	2.270	50.000	(0771)	113.500
Assistant fitter or 2nd class fitter	per day	2.250	369.000	(0117)	830.250
Beldar	per day	11.500	306.000	(0114)	3519.000
Carriage and sundries	1 time	134.550	2.120	(9999)	285.246
Total					8915.116
Ada tor water cnarges @ 1%					89.15116
Total					9004.26716 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					1265.10
Total					10269.37 (Y)
Add 15 % Contractor's profit and overheads on "Y"					1540.41
Cost of 40.26 m					11809.772
Cost of 1 m					293.338
Add labour cess @ 1%					2.93
Rate including labour cess					296.27
		Say	**Rs.296.30**	**per metre**	

15.46.2 Above 600 mm diameter
Details of cost for 40.26 m or 11 Nos. joints.
Earth work in excavation for dismantling pipes including refilling of excavated earth

1x40.26x1.3x1.65 m = 86.36 cm
Deduct for pipes of avarage 900 mm dia =
1x40.26x(22/7)(1.00)x(i.00)m -31.63 cum . 54.73 cum

Beldar	per day	10.950	306.000	(0114)	3350.70
Coolie	per day	9.140	318.000	(0115)	2906.52
Bedar	per day	4.870	306.000	(01 14)	1490.22
Coolie	per day	7.110	318.000	(0115)	2260.98
Bhtshti	per day	0.930	332.000	(0101)	308.76
Fuel wood	quintal	3.080	500.000	(0761)	1540.00
Kerosine oil	litre	5.000	50.000	(0771)	250.00

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Assistant fitter or 2nd dass fitter	per day	10.000	369.000	(0117)	3690.00
	Beldar	per day	20.000	306.000	(0114)	6120.00
	Carriage and sundries	1 time	179.400	2.120	(9999)	380.33
	Total					22297.51
	Ada tor water cnarges @ 1%					222.98
	Total					22520.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					3164.13
	Total					25684.61 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					3852.69
	Cost of 40.26 m					29537.30
	Cost of 1 m					733.66
	Add labour cess @ 1%					7.34
	Rate including labour cess					741.00
			Say	**Rs.741.00**	**per metre**	

15.47 Dismantling asbestos cement pressure pipes including excavation and refilling trenches after laking out the pipes and stacking the pipes within 50 metres lead .

15.47.1 Upto 150 mm diameter

Details of cost for 10 m or 11 Nos joints .
Earth work in excavation for dismantling pipes including refilling or excavated earth . 10.00 x 0.55 x 0.75 m 4.125 cum
Deduct for pipes of average 100 mm dia = 1x10.00x(22/7)x(0.118)x(0.118) m = 0.109 cum , 4.016 cum

Beldar	per day	0.800	306.000	(0114)	244.80
Coolie	. per day	0.670	318.000	(0115)	213.06
Bedar	per day	0.360	306.000	(0114)	110.16
Coolie	per day	0.520	318.000	(0115)	165.36
Bhishti	per day	0.070	332.000	(0101)	23.24
Beldar	per day	0.360	306.000	(0114)	110.16
Coolie	per day	0.380	318.000	(0115)	120.84
Carriage and sundries	1 time	1.560	2.120	(9999)	3.31
Total					990.93
Ada tor water cnarges @ 1%					9.91
Total					1000.84 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					140.62
Total					1141.45 (Y)
Add 15 % Contractor's profit and overheads on "Y"					171.22
Cost of 10 m					1312.67
Cost of 1 m					131.27
Add labour cess @ 1%					1.31
Rate including labour cess					132.58
		Say	**Rs.132.60**	**per metre**	

15.47.2 Above 150 mm diameter

Details of cost for 10 m or 11 Nos. joints.
Earth work in excavation/or dismantling pipes including refiling of excavated earth 10.00x0.65x0.75 m = 4.88 cum
Deduct for pipes of average 250 mm dia = 1 x10x (22/7)/x(0.274)x(0.274) = 0.590 cum = 4.29 cum

Beldar	per day	0.860	306.000	(01 14)	263.160
Coolie	per day	0.720	318.000	(0115)	228.960

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Bedar	per day	0.380	306.000	(01 14)	116.280
	Coolie	per day	0.560	318.000	(0115)	178.080
	Bhishti	per day	0.070	332.000	(0101)	23.240
	Seldar	per day	0.360	306.000	(01 14)	110.160
	.Coolie	per day	0.880	318.000	(0115)	279.840
	Carriage and sundries	1 time	3.770	2.120	(9999)	7.992
	Total					1207.712
	Ada tor water cnarges @ 1%					12.077124
	Total					1219.78952 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					171.38
	Total					1391.17 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					208.68
	Cost of 10 m					1599.845
	Cost of 1 m					159.985
	Add labour cess @ 1%					1.60
	Rate including labour cess					161.58
			Say	**Rs.161.60**	**per metre**	

15.48 Taking out C. I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C. work and stacking of useful materials near the site and disposal of unserviceable meterials into municipal dumps within 50 metres lead.

Detials of cost for one man hole
Demolition of R.C.C. slab 1.3.x1.2x0.15 m = 0.234 cum
Less cover 0.61x0.455x0.15 m = 0.042 cum
0.192 cum

Labour:

Beldar	per day	0.500	306.000	(0114)	153.00
Coolie	per day	0.140	318.000	(0115)	44.52
Removal of C.I. cover with frame including stacking	1 time	1.300	2.120	(9999)	2.76
Sundries	1 time	7.150	2.120	(9999)	15.16
Total					215.43
Ada tor water cnarges @ 1%					2.15
Total					217.59 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					30.57
Total					248.16 (Y)
Add 15 % Contractor's profit and overheads on "Y"					37.22
Cost of 1 each					285.38
Add labour cess @ 1%					2.85
Rate including labour cess					288.23
		Say	**Rs.288.20**	**Each**	

15.49 Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.C.C. work and stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 metres

Details of cost for one man hole
Demolition of R.C.C. slab 1.1x0.9x0.15 m = 0.148 cum
Lesscover0.61 x 0.455 x 0.15 m = 0.042 cum/
0.106 cum
say 0.11 cum

Labour:

Beldar	per day	0.290	306.000	(0114)	88.74
Coolie	per day	0.080	318.000	(0115)	25.44

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Removal of C.I. cover with frame including stacking .	1 time	0.650	2.120	(9999)	1.38
	Sundirs	1 time	5.330	2.120	(9999)	11.30
	Total					126.86
	Ada tor water cnarges @ 1%					1.27
	Total					128.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					18.00
	Total					146.13 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					21.92
	Cost of 1 each					168.05
	Add labour cess @ 1%					1.68
	Rate including labour cess					169.73
			Say	**Rs.169.70**	**Each**	

15.50 Dismantling of R.C.C. spun vent shaft including excavating the cement concrete pit completely , taking out the shaft , refilling the excavated gap, stacking the useful materials near the site and disposal of unserviceable materials within 50 metres lead.

Details of cost for one
Dismanting cement concrete (a) 1:4:8
0.90x0.90x1.35m =1.094 cum
Less shaft 1/4x22/7x0.15x0.45 m = 0.024 cum .
0.919 cum
Say 0.92 cum
Dismantling cement concrete 1:2:4 0.90x0.90x0.15
= 0.122 cum
Less shaft 1/4x22/7x0.15x0.45 m = 0.024 cum/
0.098 cum
say c 10 cum
Labour:

Beldar	per day	0.810	306.000	(0114)	247.86
Coolie	per day	0.510	318.000	(0115)	162.18
Sundries	1 time	1.820	2.120	(9999)	3.86
Beldar	per day	0.160	306.000	(0114)	48.96
Coolie	per day	0.070	318.000	(0115)	22.26
Sundries	1 time	0.520	2.120	(9999)	1.10
Mistry	per day	0.250	306.000	(0130)	76.50
Mason 1 st class	per day	0.120	413.000	(0123)	49.56
Mason 2nd aass	per day	0.120	369.000	(0124)	44.28
Bandhani	per day	1.000	325.000	(0100)	325.00
Beldar	per day	1.000	306.000	(0114)	306.00
Sundries for scaffolding etc.	1 time	53.820	2.120	(9999)	114.10
Total					1401.66
Ada tor water cnarges @ 1%					14.02
Total					1415.68 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					198.90
Total					1614.58 (Y)
Add 15 % Contractor's profit and overheads on "Y"					242.19
Cost of 1 each					1856.76
Add labour cess @ 1%					18.57
Rate including labour cess					1875.33
			Say	**Rs.1875.30**	**Each**

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.51	**Dismantling or road gully chamber or various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable meterials into municipal dumps within 50 metres lead including refilling the excavated**					
	Details of cost for one chamber					
	Dismantling cement concrete 1:5:10					
	1.05x1.00x0.15 m = 0.16 cum					
	Dismantling brick work in cement mortar 2.70					
	x0.20 x 0.45 = 0.24 cum					
	Dismantling cement concrete 1.2:4 2.70x0.20x0.15					
	m = 0.08 cum					
	Labour:					
	Beldar	per day	0.140	306.000	(0114)	42.840
	Coolie	per day	0.090	318.000	(0115)	28.620
	Sundries :-	1 time	0.260	2.120	(9999)	0.551
	Beldar	per day	0.250	306.000	(0114)	76.500
	Coolie	per day	0.22	318.000	(0115)	69.960
	Sundries :-	1 time	0.52	2.120	(9999)	1.102
	Beldar	per day	0.13	306.000	(0114)	39.780
	Coolie	per day	0.06	318.000	(0115)	19.080
	Sundries for scaffolding etc.	1 time	0.39	2.120	(9999)	0.827
	Dismantling C.I. grating	1 time	7.15	2.120	(9999)	15.158
	Total					294.418
	Ada tor water cnarges @ 1%					2.944184
	Total					297.362584 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					41.78
	Total					339.14 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					50.87
	Cost of 1 each					390.013
	Add labour cess @ 1%					3.90
	Rate including labour cess					393.91
			Say	**Rs.393.90**	**Each**	
15.52	**Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.**					
	Details of cost for one					
	Labour:					
	Fitter	per day	0.25	420.00	(0116)	105.00
	Beldar	per day	0.5	306.000	(0114)	153.00
	Sundries	1 time	17.94	2.120	(9999)	38.03
	Total					296.03
	Ada tor water cnarges @ 1%					2.96
	Total					298.99 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					42.01
	Total					341.00 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					51.15
	Cost of 1 each					392.15
	Add labour cess @ 1%					3.92
	Rate including labour cess					396.07
			Say	**Rs.396.10**	**Each**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.53	**Dismanting of C.I. sluice valve including stacking of useful materials within a lead of 50 metres.**					
15.53.1	**Upto 150 mm dia .**					
	Details of cost for dismentling 10 sluice valves (avg.) 100 mm					
	Labour:					
	Fitter	per day	0.6	420.00	(0116)	252.00
	Asst. fitter	per day	0.4	369.00	(0117)	147.60
	Beldar	per day	1.6	306.000	(0114)	489.60
	Sundries for removing the R.C.C. cover etc. for dismantling sluice value	1 time	89.7	2.120	(9999)	190.16
	Total					1079.36
	Ada tor water cnarges @ 1%					10.79
	Total					1090.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					153.17
	Total					1243.32 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					186.50
	Cost of 10 nos					1429.82
	Cost of 1 nos					142.98
	Add labour cess @ 1%					1.43
	Rate including labour cess					144.41
			Say	**Rs.144.40**	**Each**	
15.53.2	**Above 150 mm diameter**					
	Details of cost for dismentling 10 sluice valves (avg.) 250 mm					
	Labour:					
	Fitter	per day	2.4	420.00	(0116)	1008.000
	Ass.Fitter	per diiy	1.54	369.00	(0117)	568.260
	Beldar	per day	6.4	306.000	(0114)	1958.400
	Sundries for removing shs R.C.C. cover etc. for dismantling sluice vale	1 time	89.700	2.120	(9999)	190.164
	Total					3724.824
	Ada tor water cnarges @ 1%					37.24824
	Total					3762.07224 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					528.57
	Total					4290.64 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					643.60
	Cost of 10 nos					4934.240
	Cost of 1 nos					493.42
	Add labour cess @ 1%					4.93
	Rate including labour cess					498.35
			Say	**Rs.498.40**	**Each**	
15.54	**Dismantling of spindle fire hydrant including stacking of useful materials within 50 metres lead**					
	Details Of cost for 10 Nos.					
	Labour:					
	Fitter	per day	1.500	420.000	(0116)	630.000
	Asst. Fitter	per day	1.000	369.000	(0117)	369.000
	Beldar	per day	4.000	306.000	(0114)	1224.000
	Total					2223.000
	Ada tor water cnarges @ 1%					22.23
	Total					2245.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					315.45
	Total					2560.68 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					384.10

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 10 nos					2944.79
	Cost of 1 nos					294.479
	Add labour cess @ 1%					2.94
	Rate including labour cess					297.42
			Say	**Rs.297.40**	**Each**	
15.55	**Dismantling of cement concrete platform along with curtain wall and base concrete etc. including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.**					
15.55.1	**120x120 cm(outside to outside)**					
	Details of cost for one platform					
	Dismantling cement concrete 1:5:10					
	4.00x0.35x0.12m=0.168 cum					
	0.80x0.80x0.07m=0.048 cum					
	0.216 cum					
	Say 0.22 cum					
	Dismantling brick work in cement mortar					
	4.00x0.20x0.30m=0.24 cum					
	4.40x0.10x0.20m=0.088 cum					
	0.328 cum					
	Say 0.33cum					
	Dismantling 40 mm C.C. flooring 1:2:4					
	1.00x1.00x0.04 m =0.04 cum					
	Labour:					0.000
	Beldar	per day	0.190	306.000	(0114)	58.140
	Coolie	per day	0.120	318.000	(0115)	38.160
	Sundries	1 time	0.390	2.120	(9999)	0.827
	Beldar	per day	0.350	306.000	(0114)	107.100
	Coolie	per day	0.300	318.000	(0115)	95.400
	Sundries	1 time	0.910	2.120	(9999)	1.929
	Beldar	per day	0.060	306.000	(0114)	18.360
	Coolie	per day	0.030	318.000	(0115)	9.540
	Sundries for scaffolding etc.	1 time	0.130	2.120	(9999)	0.276
	Total					329.732
	Ada tor water cnarges @ 1%					3.297316
	Total					333.028916 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					46.79
	Total					379.82 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					56.97
	Cost of 1 nos					436.792
	Add labour cess @ 1%					4.37
	Rate including labour cess					441.16
			Say	**Rs.441.20**	**Each**	
15.55.2	**210x120 cm (outside to outside)**					
	Details of cost for one platform					
	Desmantling cement concrete 1:5:10					
	5.80x0.35x0.22m=0.243 cum					
	0.80x1,70x0.075m=0.102 cum					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	0.345 cum					
	Say 0.35 cum					
	Dismantling of brick work in cement mortar					
	5.80x0.20x"0.30m=0.348 cum					
	6.20x0.10xO.20m=0.124cum					
	0.472 cum .					
	Dismantling 40 mm C.C.floor 1:2:4					
	1.90x1.00x0.04=0.08 cum					
	Labour:					
	Beldar	per day	0.31	306.000	(0114)	94.86
	Coolie	per day	0.19	318.000	(0115)	60.42
	Sundries	1 time	0.65	2.120	(9999)	1.38
	Beldar	per day	0.5	306.000	(0114)	153.00
	Coolie	per day	0.42	318.000	(0115)	133.56
	Sundries	1 time	1.3	2.120	(9999)	2.76
	Beldar	per day	0.13	306.000	(0114)	39.78
	Coolie	per day	0.06	318.000	(0115)	19.08
	Sundries for scaffolding etc.	1 time	0.39	2.120	(9999)	0.83
	Total					505.66
	Ada tor water cnarges @ 1%					5.06
	Total					510.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					71.76
	Total					582.47 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					87.37
	Cost of 1 nos					669.84
	Add labour cess @ 1%					6.70
	Rate including labour cess					676.54
			Say	**Rs.676.50**	**Each**	
15.55.3	**320x120 cm (outside to outside)**					
	Details of cost for one platform					
	Dismantling cement concrete 1:5:10					
	8.00x0.35x0.12 m =0.336 cum					
	2.80x0.80x0.075m=0.168 cum					
	0.504 cum					
	Dismantling Brick work in cement mortar					
	8.0x0.20x0.30m=0.48 cum					
	8.40x0.10x0.20m=0.168 cum					
	0.648 cum					
	Say 0.65 cum					
	Dismantling 40 mm C.C. flooring 1:2:4					
	3.00x1.00x0.04=0.12 cum					
	Labour:					
	Beldar	per day	0.44	306.000	(0114)	134.64
	Coolie	per day	0.28	318.000	(0115)	89.04
	Sundries	1 time	0.91	2.120	(9999)	1.93
	Beldar	per day	0.69	306.000	(0114)	211.14
	Coolie	per day	0.59	318.000	(0115) .	187.62
	Sundries	1 time	1.56	2.120	(9999)	3.31
	Beldar '	per day	0.190	306.000	(0114)	58.14
	Coolie	per day	0.090	318.000	(0115)	28.62
	Sundries for scaffoldinng etc.	1 time	0.520	2.120	(9999)	1.10
	Total					715.54
	Ada tor water cnarges @ 1%					7.16
	Total					722.69 (X)

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					101.54
	Total					824.23 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					123.63
	Cost of 1 nos					947.87
	Add labour cess @ 1%					9.48
	Rate including labour cess					957.35
			Say	**Rs.957.30**	**Each**	
15.56	**Dismantling old plaster or skirting raking out jounts and cleaning the surface for plaster including disposalof rubbish to the dumping ground within 50 metres lead. .**					
	Details of cost for 10 sqm					
	Beldar	per day	0.360	306.000	(0114)	110.160
	Coolie	per day	0.080	318.000	(0115)	25.440
	Bhishti	per day	0.070	332.000	(0101)	23.240
	Sundries for scaffolding etc.	1 time .	1.430	2.120	(9999)	3.032
	Total					161.872
	Ada tor water cnarges @ 1%					1.618716
	Total					163.490316 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					22.97
	Total					186.46 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					27.97
	Cost of 10 sqm					214.430
	Cost of 1 sqm					21.443
	Add labour cess @ 1%					0.21
	Rate including labour cess					21.65
			Say	**Rs.21.70**	**Per sqm**	
15.57	**Dismantling alumiuium/Cypsum partitions, doors,, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 m lead as directed by Engineer-in-charge. Details of cost for 10 sqm**					
	Labour:					
	Carpenter II nd class	per day	0.200	369.000	(0112)	73.800
	Beldar	per day	0.300	306.000	(0114)	91.800
	Sundries	1 time	5.380	2.120	(9999)	11.406
	Total					177.006
	Ada tor water cnarges @ 1%					1.770056
	Total					178.775656 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					25.12
	Total					203.89 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					30.58
	Cost of 10 sqm					234.478
	Cost of 1 sqm					23.448
	Add labour cess @ 1%					0.23
	Rate including labour cess					23.68
		Say	**Say**	**Rs.23.70**	**Per sqm**	

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.

BARRICADING WORK

15.58 (A) Providing sal ballah barricading with departmental sal ballah average 150 dia. And 2M long sal ballah post at interval of 2.5 M C/C fixed 0.5 M average below ground, packed with earth and Brick bats, well watered and rammed with three rows of average 100mm dia. Sal ballah horizontal runners fixed with iron spikes and wires, white washing one coat to exposed surface, dismantling the barricade after function, filling the holes, excluding carriage of sal ballah from and to godown up to 5K.M. lead, stacking them in countable stacks in godown including cost of all labour and materials and taxes all complete job as per specification and direction of E/I.

Assuming 100m length of barricading					**Unit per m**
A Labour					
1 Digging 200mm dia and 0.5m deep holes for fixing post 40Nos at 20No holes each labour					
Unskilled maz	No	2			
2 Cutting Sal Ballah 2m length and 40Nos each labour					
Semi skilled labour	No	1			
3 Fixing Sal Ballah in holes 40Nos @ 20No each labour					
Semi skilled labour	No	2			
4 making holes in Sal Ballah and fixing spikes 40 x 3 = 120 Nos @ 30 No each carpenter					
Carpenter Gr II	No	4			
5 Fixing runner with iron spikes and G.I. Wires 300m long @ 10m each labour					
a Semi skilled labour	No	10			
b Unskilled labour	No	20			
6 Watering and ramming holes 40Nos @ 20No holes each labour					
a Semi skilled labour	No	2			
7 White washing one coat to exposed surface of post 11 x 0.15 X 1.5 X 40 = 28.0m2					
Runner 300 X 0.1 X p = 94.0m2					
a Semi skilled labour	No	2			
8 Dismentaling and stacking at godown after the barricade work is over 1/3 of item No 3 to 5 except 4					
a Semi skilled labour	No	5			
b Unskilled labour	No	7			
Total labour					
a Semi skilled labour	No	22	318.00	(0L70)	6996.000
b Unskilled labour	No	29	306.00	(0L01)	8874.000
c carpenter Gr II	No	4	369.00	(0112)	1476.000
					17346.000 (A)
B Material					
1 Lime	Per quntal	0.05	600.00	(1216)	30.000
2 Brick bats	m3	0.25	1322.00	(0287)	330.500
3 Spikes	kg	12	58.00	(1219)	696.000
4 Annealed wire & sundries	1 times	65	2.12	(9999)	137.800

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Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
						1194.300 (B)
				Total A + B		18540.300
	Add 15% C.P and overhead charge.					2781.045
						21321.345
				Hence rate per m =		213.213
	Add labour cess @ 1%					2.130
	Rate including labour cess					215.343
					Say Per m	**Rs.215.30**
15.58	**Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.**					
	Details of cost for 1 cum					
	LABOUR:					
	Mate	day	0.03	325.00	0128	9.75
	Labour for operating pneumatic tools					
	Skilled Beldar (for floor rubbing etc.)	day	0.5	369.00	0139	184.50
	Beldar	day	0.5	306.00	0114	153.00
	Labour for cutting reinforcement bars					
	Blacksmith 2nd class	day	0.5	369.00	0103	184.50
	Beldar	day	0.5	306.00	0114	153.00
	MACHINERY:					
	Air compressor 250 cfm with two leads for pneumatic cutters / hammers	day	0.125	1600.00	0040	200.00
	Tractor with trolley	day	0.05	1200.00	0039	60.00
	Joint cutting machine with 2-3 blades	day	0.125	800.00	0041	100.00
	TOTAL					1044.75
	Add Water Charges @ 1%					10.45
	Total					1055.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					148.26
	Total					1203.45 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					180.52
	Cost of 1 cum					1383.97
	Add labour cess @ 1%					13.84
	Rate including labour cess					1397.81
					Say Per cum	**Rs.1397.80**
15.59	**Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.**					
	Details of cost for 1 cum					
	LABOUR:					
	Mate	day	0.01	325.00	0128	3.250
	Beldar	day	0.3	306.00	0114	91.800
	MACHINERY:					
	Tractor with trolley	day	0.048	1200.00	0039	57.600
	Tractor with tipper attachment	day	0.002	1200.00	0038	2.400
	Total					155.050
	Add Water Charges @ 1%					1.5505
	Total					156.6005 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					22.00
	Total					178.60 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					26.79
	Cost of 1 cum					205.39
	Add labour cess @ 1%					2.050
	Rate including labour cess					207.443
					Say Per cum	**Rs.207.40**

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
15.60	**Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.**					
	Details of cost for 1 cum					
	Carriage of rubbish	cum	1	163.93	2264	163.930
	Add Water Charges @ 1%					1.6393
	Total					165.5693 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					23.26
	Total					188.83 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					28.32
	TOTAL					217.157
	Cost of 1 cum					217.16
	Add labour cess @ 1%					2.170
	Rate including labour cess					219.327
					Say Per cum	**Rs.219.30**

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