

Estimate For Extraction of Timber & Fuel Wood from Sambarkund Medium Project

Division : Alibag

Submergence Area @ F.R.L.-2 mtr.= 204.9066 ha.

Range - Alibag & Pen

Round: Ramraj, Kavir & Umta in Alibag Range

Kadsure Round in Pen Range

Expenditure on felling site

Item No.	Particular	Unit	Quantity	Rate (per hundred)	Amount (Rs.)
			No of Trees		
1	30 cm. below	Nos.	10451	556	58107.56
2	31 cm. to 45 cm.	Nos.	20696	1216	251663.36
3	46 cm. to 60 cm.	Nos.	14140	1706	241228.40
4	61 cm. to 75 cm.	Nos.	8607	2309	198735.63
5	76 cm. to 90 cm.	Nos.	5123	2691	137859.93
6	91 cm. to 105 cm.	Nos.	3483	3026	105395.58
7	106 cm. to 120 cm.	Nos.	1844	4313	79531.72
8	121 cm. to 135 cm.	Nos.	1230	5210	64083.00
9	136 cm. to 150 cm.	Nos.	615	5513	33904.95
9	150 cm. to 180 cm.	Nos.	1435	8711	125002.85
10	181 cm. to 200 cm.	Nos.	0	11983	0.00
11	201cm. to 250 cm.	Nos.	0	15245	0.00
12	251cm. to 300 cm.	Nos.	0	19614	0.00
13	301 cm and above	Nos.	0	23971	0.00
	Total		67624		1295512.98
2	To Prepare Timber				
	A) Logging	Cum.	4521.48	309	1397137.63
3	A) Timber Mesurement	Cum.	4521.48	81	366239.96
	C) Numbering the Stools	Cum.	67624	209	141334.16
4	A) To Prepare Fuel Wood	Cum.	5778.33	139	803187.59
	B) Fuel Wood Dragging	Cum.	5778.33	300	1733498.39
5	Timber Dragging	Cum.	4521.48	2000	9042962.00
6	Making Shed	Nos.	5	5000	25000.00
7	Transports of Timber 20 Km.	Cum.	4521.48	189	854559.91
	Transports of Fuel Wood 20Km.	Cum.	5778.33	90	520049.52
8	Depot Expenditure				
	A) Making Stakes of Timber	Cum.	4521.48	244	1103241.36
	B) Numbering by Nails	Cum.	4521.48	189	854559.91
	C) Specieswise & Measurment wise Distribution of Fuel Wood	Cum.	5778.33	85	491157.88
9	A) Timber Measurement	Cum.	4521.48	50	226074.05
10	Draging Path			Lumsump	500000.00
11	Depot Watchman	Nos.	10 Watchman for 1 year	10756 Per Months	1290720.00
12	Making Tent Shed in Depot			Lumsump	20000.00
				Total	20665235.34
	Material Supply & Labour Welfare	Percentage		3%	619957.06
				Total	21285192.40
	Say that Rs.				21285193

Ratil
RANGE FOREST OFFICER
ALIBAG PROTECTION

prakash
(ASHISH THAKARE IFS)
Deputy Conservator of Forests
Alibag

SAMBARKUND MEDIUM PROJECT - TREES AS PER SAMPLE PLOTING TAKEN IN THIS PROJECT (Total Diversion Area 263.5406 Ha.)

Form - B

Submergence Area @ F.R.L.-2 mtr.= 204.9066 ha. i.e. 2049066 Sq. Mtrs

Sample Plot area Is 10000 Sq. Mtr therefore Total Plots comes for the project is $2049066 / 10000 = 204.91$ no. of plots

Total plots No.		Species	15 to 30cm		31 to 45 cm		46 to 60		61 to 75		76 to 90		91 to105	
			No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor
Average Trees per plot.	10000	Tick	8	0.058	13	0.200	3	0.127	1	0.061	0	0.011	0	0.000
Total trees count in project area i.e. 204.9066 ha.	204.91		1639.25	11.475	2663.79	42.621	614.72	22.745	204.91	12.499	0.00	0.000	0.00	0.000
Total Trees count in project area say as			1639	11.473	2664	42.624	615	22.755	205	12.505	0	0.000	0	0.000

Average Trees per plot.	10000	Kair	1	0.005	3	0.052	3	0.120	2	0.092	0	0.029	0	0.017
Total trees count in project area i.e. 204.9066 ha.	204.91		204.91	1.434	614.72	9.836	614.72	22.745	409.81	24.999	0.00	0.000	0.00	0.000
Total Trees count in project area say as			205	1.435	615	9.840	615	22.755	410	25.010	0	0.000	0	0.000

Total plots No.		Species	106 to 120		121 to 135		136 to 150		Above 151		Total	Timber	Fire wood	Total
			No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor				
Average Trees per plot.	10000	Tick	0	0.000	0	0.000	0	0	0	0.000	25	0.457	0.107	0.564
Total trees count in project area i.e. 204.9066 ha.	204.91		0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	5122.67	89.339	20.995	110.334
Total Trees count in project area say as			0	0.000	0	0.000	0	0.000	0	0.000	5123	89.357	20.999	110.356

Average Trees per plot.	10000	Kair	0	0.000	0	0.000	0	0.000	0	0.000	9	0.314	0.408	0.721
Total trees count in project area i.e. 204.9066 ha.	204.91		0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	1844.16	59.013	72.527	131.540
Total Trees count in project area say as			0	0.000	0	0.000	0	0.000	0	0.000	1845	59.040	76.693	135.733

Total plots No.		Species	15 to 30cm		31 to 45 cm		46 to 60		61 to 75		76 to 90		91 to 105	
Average Trees per plot.	10000	Superier Injayali	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor
			16	0.110	34	0.537	26	0.955	16	0.955	10	0.936	6	0.937
Total trees count in project area i.e. 204.9066 ha.	204.91		3278.51	22.950	6966.82	111.469	5327.57	197.120	3278.51	199.989	2049.07	192.612	1229.44	178.269
Total Trees count in project area say as			3279	22.953	6967	111.472	5328	197.136	3279	200.019	2049	192.606	1229	178.205
Average Trees per plot.	10000	Infairial Injayali	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor
			26	0.179	51	0.819	37	1.366	23	1.426	15	1.439	11	1.562
Total trees count in project area i.e. 204.9066 ha.	204.91		5327.57	37.293	10450.24	167.204	7581.54	280.517	4712.85	287.484	3073.60	288.918	2253.97	326.826
Total Trees count in project area say as			5328	37.296	10450	167.200	7582	280.534	4713	287.493	3074	288.956	2254	326.830
			10451	73.157	20696	331.136	14140	523.180	8607	525.027	5123	481.562	3483	505.035

Total plots No.		Species	106 to 120		121 to 135		136 to 150		Above 151		Total	Timber	Fire wood	Total
Average Trees per plot.	10000		No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor	No of Tree	Form Factor				
		Superier Injayali	3	0.674	2	0.531	1	0.489	4	2.964	117	9.088	11.806	20.894
Total trees count in project area i.e. 204.9066 ha.	204.91		614.72	129.706	409.81	120.485	204.91	78.889	819.63	625.375	24052.88	1856.864	2282.085	4138.949
Total Trees count in project area say as			615	129.765	410	120.540	205	78.925	820	625.660	24181	1857.281	2412.608	4269.889
		Infairial Injayali	6	1.315	4	1.165	2	0.918	3	2.641	179	12.829	16.665	29.494
Average Trees per plot.	10000		1229.44	259.412	819.63	240.970	409.81	157.778	614.72	469.031	36678.28	2515.433	3091.468	5606.901
Total trees count in project area i.e. 204.9066 ha.	204.91		1229	259.319	820	241.080	410	157.850	615	469.245	36475	2515.803	3268.028	5783.831
Total Trees count in project area say as														
			1844	389.084	1230	361.620	615	236.775	1435	1094.905	67624	4521.481	5778.328	10299.809


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