

Estimate for Extraction of timber in Proposed diversion area 17.994 Ha in Manthani Range of Peddapally District

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Total Trees:5589 Nos/17.994 Ha

Sl.No	Item of work	FSR Item No (2020-21)	Qty	Rate	Unit	Amount
1	Total enumeration of balance trees	06.01.02	5589	114.42	100	6395
	Extraction of timber					
2	Felling and Conversion by saw	06.01.08	18.2860	422.99	Cum	7735
3	Purchase of saws with sharpening tools	06.01.13	3.0000	2865.00	per coupe	8595
4	Watch & Ward wages (watchers) for internal depot	06.01.14	6 Nos x 6Months	9194.85	PM	331015
	Wages to TM (Skilled) for internal depot	06.01.14	2 Nos x 6Months	16200.00	PM	194400
5	Dragging of timber to loading point - plain areas	06.01.15	18.2860	167.95	Cum	3071
6	Labour amenities for working in coupe or unit i.e., providing shelter, supply of drinking water and medical aid etc., to the labourers.	06.01.12	2.0000	20072.00	Coupe	40144
	Transportation of timber					
7	Preparation of Lorry/Cart track	06.02.01	1.0000	25100.00	Coupe	25100
8	Loading of timber into lorries	06.02.06	18.2860	323.70	Cum	5919
9	Transportation of timber by private Lorries upto 10 Kms to Internal depot	06.02.07	18.2860	625.80	Cum	11443
10	Unloading of timber	06.02.09	18.2860	121.59	Cum	2223
	Extraction of poles					
11	Felling & Conversion of poles in DET areas/illicity felled trees including those found in areas					
	Upto 30 cms basal girth	06.08.01(a)	3268	6.14	pole	20066
	31 cms to 45 cms basal girth	06.08.01(b)	918	13.02	pole	11952
13	Extraction of Pulp wood					
	Extraction of pulp wood including transportation to Internal depot (926 Nos)		25.20	5000.00	MT	126000
14	Extraction of Bamboo clumps					
	Extraction of bamboo and dragging to the loading points					
	1st class	1.1.iii	259	909.40	100	2355
	2nd class	1.1.iv	905	782.17	100	7079
	3rd class	1.1.v	1423	599.93	100	8537
	Carting of Bamboo from Cart loading point within the coupe or to lorry loading /intermediate point within the coupe area are upto depot in case of cart are used for transportation upto depot					
	Upto 5 kms					
	1st class	1.3.a.iii	259	419.36	100	1086
	2nd class	1.3.a.iv	905	334.58	100	3028
	3rd class	1.3.a.v	1423	210.46	100	2995
	For every additional 1 km over 1st 5kms: Total 10 kms					
	1st class	1.3.b.iii	259	86.10	100	223
	2nd class	1.3.b.iv	905	62.80	100	568
	3rd class	1.3.b.v	1423	39.50	100	562
12	Misc Exp. Such as cost of stationary, Paints and other unforeseen expenditure etc.,		As per actuals			59508
	Add 10% Escallation charges for 2021-22					880000
	TOTAL					88000
						968000

District Forest Officer
Peddapally

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ABSTRACT

S.no	Details	Total No of Trees	Timber		No of poles		Expected pulp wood in MT		Bamboo Clumps	Bamboo culms (2587)			Remarks
			No of Trees	Expected Volume of wood in CMT	Upto 30 cm	31-45	Nos	MT		Class-I	Class-II	Class-III	
1	Bit -I	545	26	1.107	429	64	0	0	26	45	64	194	Total no of Bamboo Culms: 2587
2	Bit-II	1916	159	10.449	1248	435	0	0	74	95	350	509	
3	bit-III	2202	111	6.73	1591	419	0	0	81	119	491	720	
4	Bit-IV	926		0	0	0	926	25.2	0	0	0	0	
TOTAL		5589	296	18.286	3268	918	926	25.2	181	259	905	1423	

S. NO	Details	No of trees
1	No of poles	4186
2	No of trees/Timber	296
3	No of bamboo Clumps	181
4	Euc. Clones	926
	Total trees	5589

District Forest Officer,
PEDDAPALLY.

Dy. Range Officer
MANTHANI

Forest Range Officer
MANTHANI.