

Abstract Value of Tree growth in Natural Forest Area 250.08 Ha in Kondaveedu RF in Guntur Division

Sl. No	Botanical names of speices	Local Name	Number of trees/ Poles	Girth class wise number of trees/poles					No. of Poles	Timber in Cum.	Fuel in Cum	Value of Timber	Value of Fuel	Total Value in Rs.	Remarks
				31 to 60 Cms	60 to 90 Cms	91 to 120 Cms	Above 120 Cms								
1	Azadirachta indica	Neem	8	4	0	0	0	4	0	0.171	0.00	137.01	137.01		
2	prosopis concinna	Jammi	1	1	0	0	0	0	0	0.024	0.00	19.10	19.10		
3	Manilkara hexandra	Pala	13	0	0	0	0	13	0	0.099	0.00	78.96	78.96		
4	Diospyros chloroxylon	Ullinda	2	1	0	0	0	1	0	0.030	0.00	24.25	24.25		
5	Hymenodictyon orixense	Burajala	2	0	0	0	0	2	0	0.013	0.00	10.30	10.30		
6	Grewia rotundifolia	Jana	13	1	0	0	0	13	0	0.118	0.00	94.63	94.63		
7	Carissa spinpruno	Vepi	62	18	0	0	0	44	0.684	0.346	6040.08	276.59	6316.68		
8	Acacia catechu	Sandra	4	1	0	0	0	3	0	0.047	0.00	37.98	37.98		
9	Ficus lucescens	Banda juvvi	1	1	0	0	0	0	0	0.033	0.00	26.07	26.07		
10	Euphorbia anteanorum	Bramhajamudu	1	0	0	0	0	0	0	0.004	0.00	3.43	3.43		
11	Givotia rottleriformis	Tella poliki	3	1	0	0	0	2	0	0.045	0.00	36.37	36.37		
12	Albizia amara	Cheeki reni	5	3	0	0	0	3	0	0.117	0.00	93.66	93.66		
13	Anogeissus latifolia	Chiru manu	1	0	0	0	0	1	0	0.015	0.00	12.12	12.12		
14	Prosopis juliflora	Juliflora	3	0	0	0	0	3	0	0.024	0.00	18.88	18.88		
15	Whithania somnifera	Yedhurugumma	1	0	0	0	0	1	0	0.009	0.00	6.87	6.87		
16	Pterolobium hexapetalum	Parika	1	1	0	0	0	0	0	0.024	0.00	19.10	19.10		
17	Prosopis juliflora	Pichi tumma	1	1	0	0	0	0	0	0.033	0.00	26.07	26.07		
18	Dalbergia sissoo	sisso	1	0	0	0	0	1	0	0.004	0.00	3.43	3.43		
Total			122	30	0	0	0	92	0.684	1.156	6040.08	924.830	6964.91		

Total block area	5202.30 Ha
Proposed area for diversion	250.08 Ha
Plantation area	71.00 Ha
Balance area	179.08 Ha
Number of sample plots	22 Nos
Area of sample plot	0.1 Ha
Total sample plots area	2.2 Ha
Value of fuel wood and Timber per 2.200 ha in Rs.	6964.91
Value per 1 Ha in Rs.	3165.87
Value of Natural Forest proposed for diversion in Rs.	566943.67
Value of plantation areas	1160140.00
Total value	1727083.67
Add @ 10% for escalataion	1899792.04
Extraction charges (2017-18)	500000.00


Forest Range Officer
Guntur


Divisional Forest Officer
Guntur

Abstract Value of Tree growth in Plantation Areas 250.08 Ha in Kondaveedu RF in Guntur Division

Sl. No	Local name of tree	Botanical name of tree	No of trees	Girth class wise number of trees in Cum						Timber in Cum	Pulp wood / Fuel in No/Cmt	Total Value in Rs.	Remarks if any
				20-30	31-45	46-60	61-90	No. of Poles					
2	2004 Misc, 2Ha plantation	Eucalyptus tereticornis	940	860 Nos / 14.534 Cum	80Nos/ 3.20 Cum	0	0	0	0.00	17.734	39014.80		
3	2004 Eucalyptus 2 Ha plantation	Dalbergia Sissoo	247	240 Nos / 4.056 Cum	7 Nos/ 0.28 Cum	0	0	0	0.00	4.336	3468.80		
4	2006 Eucalyptus 10.0 Ha plantation	Eucalyptus tereticornis	280	60 Nos / 1.014 Cum	220 Nos/ 8.80 Cum	0	0	0	0.00	9.814	21590.80		
19	1996 Misc. 25.0 Ha plantation	Eucalyptus tereticornis	5900	4000 Nos / 67.60 Cum	1900 Nos/ 76.0 Cum	0	0	0	0.00	143.6	315920.00		
20	1997 Misc. 5.0 Ha plantation	Azadiracta indica / Neem	1675	50 Nos / 0.845 Cum	1625 Nos/ 65 Cum	0	0	0	65.00	0.845	574366.00		
21	1998 Misc. 5.0 Ha plantation	Pongamia Pinnata	600	250 Nos / 4.225 Cum	350 Nos/ 14.0 Cum	0	0	0	0.00	18.225	14580.00		
22	2004 Misc. 7.0 Ha plantation	Azadiracta indica / Neem	700	150 Nos / 2.535 Cum	550 Nos/ 22.00 Cum	0	0	0	22.00	2.535	196200.00		
23	2006 Misc. 15.0 Ha plantation	Dalbergia Sissoo	1050	490 Nos / 8.281 Cum	560 Nos/ 22.40 Cum	0	0	0	0.00	30.681	24544.80		
		Pongamia Pinnata	1650	600 Nos / 10.14 Cum	1050 Nos/ 42.0 Cum	0	0	0	0.00	52.14	41712.00		
	Total:			6700	6342				87.00	279.91	1231397.20		

Abstract	
EP	7120
Pongamia Pinnata	2250
Dalbergia Sissoo	1297
Azadiracta Indica	2375
Total	13042


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**DET Scheme proposals for proposed diversion area an extent of (250.08 Ha) in F/o
Commissioner AP CRDA in Kondaveedu RF, Enamadala Beat and Guntur Section of Guntur
Range**

Sl. No.	Qty.	Description of work with detailed specifications	FSR Item No.	Rate	per	Total amount
1		Felling trees, logging and conversion of timber by Saw including de-barking at mid girth for a width of 5 cms around, putting marks at both ends to indicate the length measurable belt and measuring legs and putting digit numbers as well as paint numbers at both ends excluding cost of paint (axe cutting to be done if sawers are not available with prior permission of the Circle head				
	218.672	at Kondaveedu RF	03-01-001	177.58	Cum	38832
		Dragging of timber to loading points.				
2	218.672	2)Undulating and sloping	03-01-003	161.49	Cum	35313
3	171.15	Felling, Dragging to one place, billeting, debarking, stacking girth class wise and weighing for 1 CMT rate.	03-04-004	357.84	Cum	61244
4	ls	100 Tree exercise involving felling, dragging to one place, billeting, debarking, stacking girth class wise and weighing for 1 cum (this rate should not be used for general extraction)	03-04-005	Ls	Cum	100000
5	Ls	Erection of labour sheds-2 Nos	Ls	Ls		75000
6	6 Nos 3 Months	Watch and ward (6 Nos for 3months) (as per Collector wage rate @ 248/- day = 26 days x248 = 6448/- PM	Collector wage rate	6448	Month	116064
7		Contingencies		Ls	Ls	73547
		Total				500000


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