

Abstract Value of Tree growth in Natural Forest Area an extent of 150.84 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 | | | | | 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 | No. of Poles | | | | | | |
| 1 | Azadirachta indica | Neem | 6.000 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.102 | 0.00 | 81.47 | 81.47 | | |
| 2 | Carissa spinpruno | Vepi | 37.000 | 11.00 | 0.00 | 0.00 | 0.00 | 0.406 | 0.245 | 3587.42 | 195.87 | 3783.29 | | |
| 3 | Manilkara hexandra | Pala | 8.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.059 | 0.00 | 46.92 | 46.92 | | |
| 4 | Diospyros chloroxylon | Ullinda | 1.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.018 | 0.00 | 14.41 | 14.41 | | |
| 5 | Hymenodictyon orixense | Burajala | 1.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.008 | 0.00 | 6.12 | 6.12 | | |
| 6 | Grewia rotundifolia | Jana | 8.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.070 | 0.00 | 56.23 | 56.23 | | |
| 7 | Acacia catechu | Sandra | 2.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.028 | 0.00 | 22.57 | 22.57 | | |
| 8 | Ficus lucescens | Banda juuvi | 1.000 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.019 | 0.00 | 15.49 | 15.49 | | |
| 9 | Givotia rottleriformis | Tella poliki | 2.000 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.027 | 0.00 | 21.61 | 21.61 | | |
| 10 | Albizia amara | Cheeki reni | 3.000 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.070 | 0.00 | 55.65 | 55.65 | | |
| 11 | Prosopis juliflora | Juliflora | 2.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.014 | 0.00 | 11.22 | 11.22 | | |
| 12 | Whithania somnifera | Yedhurugumma | 1.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.008 | 0.00 | 6.48 | 6.48 | | |
| 13 | Prosopis juliflora | Pichi tumma | 1.000 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.019 | 0.00 | 15.49 | 15.49 | | |
| | Total | | 73.000 | 18.0 | 0.0 | 0.0 | 0.0 | 0.406 | 0.687 | 3587.4 | 549.532 | 4136.948 | | |

| | | |
|---|-------------------|-----|
| Total block area | 5202.30 | Ha |
| Proposed area for diversion | 150.84 | Ha |
| Plantation area | 113.00 | Ha |
| Balance area | 37.84 | Ha |
| Number of sample plots | 13.0 | Nos |
| Area of sample plot | 0.1 | Ha |
| Total sample plots area | 1.30 | Ha |
| Value of fuel wood and Timber per 1.340 ha in Rs. | 4136.95 | |
| Value per 1 Ha in Rs. | 3182.27 | |
| Value of Natural Forest proposed for diversion in Rs. | 120417.07 | |
| Value of plantation areas | 1846420.00 | |
| Total value | 1966837.07 | |
| Add @ 10% for escalataion | 2163520.77 | |
| Extraction charges (2017-18) | 500000.00 | |


 Forest Range Officer
 Guntur


 Divisional Forest Officer
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Abstract Value of Tree growth in Plantation Areas 150.84 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 / Field in No/Cmt | Total Value in Rs. | Remarks if any |
|--------|------------------------------------|--------------------------|--------------|---|----------------------|----------|----------|--------------|---------------|-----------------------------|--------------------|----------------|
| | | | | 20-30 | 31-45 | 46-60 | 61-90 | No. of Poles | | | | |
| 1 | 2003 Eucalyptus 5 Ha plantation | Eucalyptus tereticornis | 1800 | 1100Nos / 18.59 Cum | 700Nos / 28.00Cum | 0 | 0 | 0 | 0.00 | 46.59 | 102498.00 | |
| 2 | 2006 Eucalyptus 10.0 Ha plantation | Eucalyptus tereticornis | 3900 | 2400 Nos / 40.56 Cum | 1500 Nos / 60.0 Cum | 0 | 0 | 0 | 0.00 | 100.56 | 221232.00 | |
| 3 | 2004 Eucalyptus 5.0 Ha plantation | Eucalyptus tereticornis | 1950 | 1400 Nos / 23.66 Cum | 550 Nos / 22.0 Cum | 0 | 0 | 0 | 0.00 | 45.66 | 100452.00 | |
| 4 | 2005 Eucalyptus 15.0 Ha plantation | Eucalyptus tereticornis | 1500 | 1200 Nos / 20.28 Cum | 300 Nos / 12.0 Cum | 0 | 0 | 0 | 0.00 | 32.28 | 71016.00 | |
| 5 | 2004 Eucalyptus 10.0 Ha plantation | Eucalyptus tereticornis | 7100 | 4200 Nos / 70.98 Cum | 2900 Nos / 116.0 Cum | 0 | 0 | 0 | 0.00 | 186.98 | 411356.00 | |
| 6 | 2003 Misc. 5.0 Ha plantation | Pongamia Pinnata | 270 | 240 Nos / 4.056 Cum | 30 Nos / 1.20 Cum | 0 | 0 | 0 | 0.00 | 5.256 | 4204.80 | |
| 7 | 2004 Misc. 5.0 Ha plantation | Pongamia Pinnata | 290 | 250 Nos / 4.225 Cum | 40 Nos / 1.60 Cum | 0 | 0 | 0 | 0.00 | 5.825 | 4660.00 | |
| 8 | 2001 Misc. 13.0 Ha plantation | Azadiracta indica / Neem | 156 | 104Nos / 1.758 Cum | 52 Nos / 2.080 Cum | 0 | 0 | 0 | 2.08 | 1.758 | 19765.00 | |
| 9 | 2006 Misc. 20.0 Ha plantation | Dalbergia Sissoo | 221 | 156 Nos / 2.636 Cum | 65Nos / 2.60 Cum | 0 | 0 | 0 | 0.00 | 5.236 | 4188.80 | |
| 10 | 1999 Misc. 25.0 Ha plantation | Azadiracta indica / Neem | 850 | 850 Nos / 14.365 Cum | 0 | 0 | 0 | 0 | 0.00 | 14.365 | 11492.00 | |
| | | Pongamia Pinnata | 605 | 605 Nos / 10.225 Cum | 0 | 0 | 0 | 0 | 0.00 | 10.225 | 8180.00 | |
| | Total: | | 18642 | 12505 | 32237 | 0 | 0 | 0 | 2.08 | 454.735 | 959044.60 | 0.00 |

| Abstract | |
|------------------|-------|
| EP | 16250 |
| Pongamia Pinnata | 1165 |
| Neem | 1006 |
| Dalbergia Sissoo | 221 |
| | 18642 |


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**DET Scheme proposals for proposed diversion area an extent of (150.84 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 | | | | |
| | 93.196 | at Kondaveedu RF | 03-01-001 | 177.58 | Cum | 16550 |
| | | Dragging of timber to loading points. | | | | |
| 2 | 93.196 | 2)Undulating and sloping | 03-01-003 | 161.49 | Cum | 15050 |
| 3 | 412.07 | Felling, Dragging to one place, billeting, debarking, stacking girth class wise and weighing for 1 CMT rate. | 03-04-004 | 357.84 | Cum | 147455 |
| 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 | | 50000 |
| 6 | 5 Nos 3 Months | Watch and ward (5 Nos for 3months) (as per Collector wage rate @ 248/- day = 26 days x248 = 6448/- PM | Collector wage rate | 6448 | Month | 96720 |
| 7 | | Contigencies | | Ls | Ls | 74225 |
| | | Total | | | | 500000 |


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