

Guntur - Guntakal Railway Doubling Line Project - Abstract statement of girth wise cost Analysis of trees in proposed diversion area for doubling Railway track from Diguvametta to Bodha Tunnel in Uyyalawada RF, Compt.No.676,681 in Gundlakamma Range of Giddalur Division

Sl.No	Local Name of tree	Botanical Name of Tree	No.of Trees	0 to 30	31 to 60	61 to 90	90 to 120	>120	No.of Poles	Pole Value in Rs.	Timber in cum	Fuel in cum	Total value in Rs	Grand Total in Rs.	Remarks
1	2	3	4	5	6	7	8	9	10		11	12	13		15
1	Dirisinam	Mimosa lebeck	15	1	8	0	1	5	1	407	7.8137	1.9537	304844.05	305251.05	Rates adopted from Guntur Circle FSR 2021-22 for poles, Fuel, Timber and extraction charges
2	Thandra	Terminalia bellerica	33	4	14	4	6	5	4	1628	10.3818	2.5959	365318.12	366946.12	
3	uduga	Alangium salrifolium	100	52	43	3	2	0	52	21164	2.5797	0.6453	54898.34	76062.34	
4	Palabarika	Wrightia arborea	409	215	174	18	2	0	215	87505	9.7107	2.4273	192343.22	279848.22	
5	Thada	Grewiatilae folia	568	233	311	24	0	0	233	94831	15.5892	3.8973	282770.15	377601.15	
6	Kodeare	Cluytia retusa	80	13	55	9	3	0	13	5291	4.9532	1.2383	112012.81	117303.81	
7	Nagur	Nilavemu	15	6	6	3	0	0	6	2442	0.6640	0.1660	14582.30	17024.30	
8	Chintha	Tamarindus indica	67	1	4	25	17	20	1	407	35.7932	8.9487	1306237.44	1306644.44	
9	Chilaka Dudduru	Polyathia brachiata	45	25	19	1	0	0	25	10175	0.7635	0.1909	13675.31	23850.31	
10	Chennangi	Lageurstroemia parviflora	96	49	44	3	0	0	49	19943	2.1544	0.5386	39550.31	59493.31	
11	Konda Gogu	clorospersmga spaciarn	48	4	38	4	2	0	4	1628	3.1856	0.7964	55013.66	56641.66	
12	Chilla	hardnia latifolia	122	44	62	15	1	0	44	17908	4.7102	1.1776	99280.88	117188.88	
13	Tavisa	tetramales nudiflora	34	7	12	9	3	3	7	2849	5.9503	1.4876	150412.50	153261.50	
14	Rudragenupu	adina cordifolia	73	9	46	16	1	1	9	3663	5.1930	1.2983	165946.17	169609.17	
15	Vippa	madhuca indica	5	4	1	0	0	0	4	1628	0.0661	0.0165	1064.27	2692.27	
16	Ulinda	diospyros chloruxylon	59	8	47	4	0	0	8	3256	2.6569	0.6642	48117.75	51373.75	
17	Chinduga	albizia odoratissima	105	20	54	20	8	3	20	8140	14.2518	3.5633	439328.25	447468.25	
18	Musti	strychnos nuxvomia	14	6	7	1	0	0	6	2442	0.3743	0.0934	7511.52	9953.52	
19	Gumpena	lannea loromandelia	338	44	178	92	22	2	44	17908	36.6469	9.1615	645546.44	663454.44	
20	Pachara	albergia panicuinta	200	44	100	42	13	1	44	17908	20.1469	5.0367	416429.65	434337.65	
21	Maddi	Neemagaddi	119	31	78	9	1	0	31	12617	5.1560	1.2889	103634.98	116251.98	
22	Gotika	ziziphus xylopyrus	173	59	108	6	0	0	59	24013	3.9311	0.9828	68977.39	92990.39	
23	Yerrabikki	gardenia resinifera	64	28	31	5	0	0	28	11396	1.9376	0.4844	38724.45	50120.45	
24	Rela	cassia firtula	174	63	101	8	1	1	63	25641	6.4220	1.6059	137806.28	163447.28	
25	Aare	bachinia racemora	38	18	18	2	0	0	18	7326	0.8359	0.2016	14995.79	22321.79	
26	Velaga	limonia acidissima	7	0	5	2	0	0	0	0	0.6165	0.1539	12212.17	12212.17	
27	Odisa	cluytia collina	314	176	130	7	1	0	176	71632	4.1281	1.0319	74681.59	146313.59	
28	Yepi	hardvica binota	90	13	32	21	9	15	13	5291	25.7841	6.4463	911830.08	917121.08	
29	Yegisa	Pterolodium hexapepalum	270	55	173	40	2	0	55	22385	16.0196	4.0048	329638.96	352023.96	
30	Sandra	Acacia catchu	146	60	82	4	0	0	60	24420	2.9966	0.7492	51803.63	76223.63	
31	Thella thumma	Acacia leucophloea	2	2	0	0	0	0	2	814	0.0000	0	0.00	814.00	

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32	Manga	Randium metoriam	13	9	4	0	0	0	9	3663	0.1021	0.0255	1642.77	5305.77	Rates adopted from Guntur Circle FSR 2021-22 for poles, Fuel, Timber and extraction charges
33	Thellapolika	Gikatiarottleri formis	7	0	3	2	1	1	0	0	1.6879	0.4217	34434.19	34434.19	
34	Karaka	Termineli chebulia	29	5	21	2	0	1	5	2035	2.9017	0.7254	86299.26	88334.26	
35	Neredu	Syzyotum cumini	2	0	1	1	0	0	0	0	0.2587	0.0646	5383.78	5383.78	
36	Kondaregi	Kukkakalimi	2	0	1	1	0	0	0	0	0.3302	0.0825	5509.07	5509.07	
37	Chikireni	Albizia amara	54	8	31	11	2	2	8	3256	6.5756	1.6441	197168.50	200424.50	
38	Billudu	Chlohyosss wietima	270	56	134	59	20	1	56	22792	28.8016	7.2006	771116.96	793908.96	
39	Chirumanu	Anogeissuslati folia	822	195	461	142	21	3	195	79365	66.0728	16.5186	1664268.73	1743633.73	
40	Battagenupu	adina cordifolia	102	21	66	14	1	0	21	8547	6.1675	1.5418	166727.88	175274.88	
41	Vepa	Agadirachta indica	135	47	64	16	2	6	47	19129	13.0940	3.2740	412949.32	432078.32	
42	Nerdhi	Elaeodendron glanclem	34	4	22	5	2	1	4	1628	3.3240	0.8309	94933.93	96561.93	
43	Devadaru	Erythroxyton monogynum	34	16	18	0	0	0	16	6512	0.6505	0.1628	10469.93	16981.93	
44	Jana	Hrewia flava	90	53	35	2	0	0	53	21571	1.3679	0.3416	22554.95	44125.95	
45	Gubathada	Sidarhombi folia	4	3	1	0	0	0	3	1221	0.0230	0.0057	369.68	1590.68	
46	korinda	Solannum nigram	21	4	15	2	0	0	4	1628	0.8913	0.2228	16701.68	18329.68	
47	Buruga	Bonesbax ceiba	6	0	1	1	0	4	0	0	5.3697	1.342	154512.28	154512.28	
48	Danthe	Celartrus emerginatus	7	2	4	1	0	0	2	814	0.1731	0.0434	3439.10	4253.10	
49	Teak	Tectona grandis	69	49	17	3	0	0	49	19943	1.6297	0.4076	33690.03	53633.03	
50	Lokki	Vitex leucoxytol	94	45	42	6	1	0	45	18315	2.5973	0.6493	56526.97	74841.97	
51	Gudha Regi	Ziziphus mouritiam	44	8	20	14	1	1	8	3256	3.4463	0.8615	87555.87	90811.87	
52	Doodippa	Hymanodictan exelsam	25	17	6	2	0	0	17	6919	0.6311	0.1577	12906.40	19825.40	
53	Loddi	Symplocos risemora	6	3	3	0	0	0	3	1221	0.0673	0.0168	1083.58	2304.58	
54	Pariki	Ziziphus oenoplia	18	7	11	0	0	0	7	2849	0.4482	0.112	7213.57	10062.57	
55	Kodisa	Lantana camara	20	10	9	1	0	0	10	4070	0.5299	0.1324	9879.34	13949.34	
56	Yerrapolika	Sterculia villosa	16	2	11	2	1	0	2	814	1.0558	0.2642	18416.71	19230.71	
57	pulivelaga	Triantheman decandra	19	5	9	5	0	0	5	2035	1.3589	0.3397	29719.28	31754.28	
58	Neeroddi	Dolichandrone glanclem	6	1	4	1	0	0	1	407	0.4471	0.1114	8683.42	9090.42	
59	Nallamaddi	Terminamiaalta tomentosa	17	8	8	1	0	0	8	3256	0.3189	0.0799	7498.44	10754.44	
60	Polika	Gyrocappus americahus	14	2	6	4	2	0	2	814	2.1714	0.5428	38773.88	39587.88	
61	Chenchu	Dohaea eiscosa	5	4	0	1	0	0	4	1628	0.1260	0.0315	3066.53	4694.53	
62	Tuthareni	Rauwolfia tetraphylla	3	2	1	0	0	0	2	814	0.0145	0.0036	232.57	1046.57	
63	Somi	Soymida febrifuga	1	1	0	0	0	0	1	407	0.0000	0	0.00	407.00	
64	Oddi	Eragrostis unioidcs	20	5	14	0	1	0	5	2035	0.7253	0.1813	17776.00	19811.00	
65	pullapari	Ziziphus oenoplia	93	27	64	2	0	0	27	10989	1.3858	0.3464	22896.74	33885.74	

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66	Tunki	Diospuros melodubia	13	7	6	0	0	0	7	2849	0.2075	0.0517	3339.36	6188.36	Rates adopted from Guntur Circle FSR 2021-22 for poles, Fuel, Timber and extraction charges
67	pogaku	Pakurugaddi	18	5	12	1	0	0	5	2035	0.4434	0.1108	7333.19	9368.19	
68	Nemali Nara	Hugonia mistax	5	1	4	0	0	0	1	407	0.1550	0.0388	2494.69	2901.69	
69	Juttegi	Dolbergialati polio	21	10	11	0	0	0	10	4070	0.4473	0.1118	7198.38	11268.38	
70	Korivi	Ixora brachiata	1	1	0	0	0	0	1	407	0.0000	0	0.00	407.00	
71	usiri	Phyllanthus pentanifolia	20	4	15	1	0	0	4	1628	0.7210	0.1799	12702.12	14330.12	
72	Bikkii	Gerialiajmmifera	1	0	1	0	0	0	0	0	0.0450	0.0113	742.98	742.98	
73	tumma	Acacia sp	1	0	0	1	0	0	0	0	0.1519	0.0380	3695.54	3695.54	
74	gummateku	Gmelina arborea	12	9	3	0	0	0	9	3663	0.1534	0.0382	2518.41	6181.41	
75	Ganga Ravi	Thespesia Populnea	2	0	0	2	0	0	0	0	0.4795	0.1200	11667.55	11667.55	
76	Koya	Solicornia Brachiata	10	6	4	0	0	0	6	2442	0.1536	0.038	2472.15	4914.15	
Total>>			6029						1956	796092	409.1153	102.2718			

Timber and Fuel wood Value:			10517754.17	11313846.17
Value for poles:			796092.00	
Total value:			11313846.17	
Extraction charges including Loading,unlodng and transportation to Depot upto 10 KM =			1265038.00	

Grand Total value in Rs. 12578884.17
or

Rs. 1,25,78,884.00

S.A.Khayum
Forest Beat Officer
Tunnel
29-11-21

P.V.Sai Kumar
I/c Deputy Range Officer
Diguvametta
29.11.21

V.Rajy
Forest Beat Officer
Sandrapodu
29/11/21

Balarim
Forest Section Officer
Kothakota
29.11.2021


Forest Range Officer
Gundlakamma
29-11-21

COUNTER SIGNED

DIVISIONAL FOREST OFFICER
GIDDALUR