

Guntur - Guntakal Railway Doubling Line Project - Abstract statement of girth wise cost Analysis of trees in proposed diversion area for doubling Railway track from Diguva metta to Bogadha Tunnel in Uyyalawada RF, Compt.No.676 and 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	Total poles Value in Rs	Timber in cum	Fuel in cum	Timber value in Rs	Firewood value in Rs	Grand Total in Rs.	Remarks
1	2	3	4	5	6	7	8	9	10	12	13	14	15	16	17	18
1	Are	Bahunia racemosa	3	1	2	0	0	0	1	303	0.058325	0.11665	976.885425	145.8125	1425.697925	Rates adopted from Guntur Circle FSR 2022-23 for poles, Fuel, Timber and extraction charges
2	Battagenupu	Mitragyna parviflora	5	0	4	1	0	0	0	0	0.355025	0.71005	9562.74135	887.5625	10450.30385	
3	Beera	Ocimum Gratissum	2	0	0	2	0	0	0	0	0.29403125	0.5880625	7588.946563	735.078125	8324.024688	
4	Billudu	Chloroxylon swietenia	35	3	17	13	2	0	3	909	5.70900625	11.4180125	147969.0012	14272.51563	163150.5168	
5	Botika	Eriolaene lushingtonii	1	1	0	0	0	0	1	303	0	0	0	0	303	
6	Buruga	Bombax ceiba	8	1	1	2	2	2	1	147	3.1521375	6.304275	69991.29476	7880.34375	78018.63851	
7	chennangi	Hardwickia binata	64	22	36	5	1	0	22	6666	3.79299375	7.5859875	84191.33669	9482.484375	100339.8211	
8	Chilaka Duddhuru	Polyalthia serasoides	27	12	14	0	1	0	12	3636	0.803725	1.60745	19776.79321	2009.3125	25422.10571	
9	Chilla	Strychnos potatorum	14	4	7	2	0	1	4	1212	1.66208125	3.3241625	49044.50704	4155.203125	54411.71016	
10	Chinduga	albizia odoratissima	39	4	22	7	3	3	4	1212	8.1501375	16.300275	278575.0246	20375.34375	300162.3684	
11	Chinta	Tamarindus indica	10	1	1	1	2	5	1	303	8.6324	17.2648	361310.7339	32371.5	393985.2339	
12	chirumanu	Anogeissus latifolia	25	6	9	7	1	2	6	1818	4.46495625	8.9299125	151673.6121	16743.58594	170235.1981	
13	Davadaru	Erythroxylum monogynum	4	2	1	0	1	0	2	606	0.5238625	1.047725	19532.36898	1309.65625	21448.02523	
14	Galugu	Sterculia urens	3	0	1	1	1	0	0	0	0.908	1.816	30164.8946	2270	32434.8946	
15	Gotika	ziziphus xylopyrus	12	0	11	1	0	0	0	0	0.71329375	1.4265875	13669.67964	1783.234375	15452.91402	
16	Gumpena	lannea coromandelica	59	6	29	13	11	0	6	882	11.7999875	23.599975	234020.7763	29499.96875	264402.745	
17	Jana	Grewia orbiculata	5	4	1	0	0	0	4	1212	0.046225	0.09245	774.222525	115.5625	2101.785025	
18	Jitregi	Dalbergia latifolia	6	5	1	0	0	0	5	2415	0	1	1161	1250	4826	
19	Karaka	Terminalia chebula	2	1	1	0	0	0	1	303	0.1372	0.2744	2297.9628	343	2943.9628	
20	Kodari	Cluytia retusa	13	2	6	4	1	0	2	606	1.3024375	2.604875	34280.87591	3256.09375	38142.96966	
21	Konda Gogu	Cochlospermum religiosum	1	0	1	0	0	0	0	0	0.1575	0.315	2637.9675	393.75	3031.7175	

S.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	Total poles Value in Rs	Timber in cum	Fuel in cum	Timber value in Rs	Firewood value in Rs	Grand Total in Rs.	Remarks
																Rates adopted from Guntur Circle FSR 2022-23 for poles, Fuel, Timber and extraction charges
22	Loddi	Symplocos risemora	1	0	1	0	0	0	0	0	0.06	0.12	1004.94	150	1154.94	
23	Maddi	Morinda coreia	22	11	9	1	1	0	11	3333	0.546075	1.09215	15030.8521	1365.1875	19729.0396	
24	Mega Beera	Ocimum Grattissum	2	0	0	1	1	0	0	0	0.57323125	1.1464625	19293.70006	1433.078125	20726.77818	
25	Mushti	strychnos nuxvomia	1	1	0	0	0	0	1	303	0	0	0	0	303	
26	Naguru	Premna tomentosa	11	7	4	0	0	0	7	2121	0.16625625	0.3325125	2784.625931	415.640625	5321.266556	
27	Nalla Maddi	Terminalia tomentosa	1	0	1	0	0	0	0	0	0.135	0.27	3034.26	337.5	3371.76	
28	Nalla Uduga	Alangium salrifolium	11	4	4	3	0	0	4	1212	1.13919375	2.2783875	27099.62428	2847.984375	31159.60865	
29	Odisa	Cleistanthus collinus	36	8	28	0	0	0	8	2424	0.9967	1.9934	16693.7283	2491.75	21609.4783	
30	Pachari	Dalbergia panicuinta	11	1	6	2	2	0	1	303	1.79178125	3.5835625	53971.23793	4479.453125	58753.69106	
31	pala bariki	Wrightia arborea	19	6	12	1	0	0	6	1818	0.9018	1.8036	17297.0102	2254.5	21369.5102	
32	Polika	Gyrocapus americanus	2	0	2	0	0	0	0	0	0.11538125	0.2307625	1984.442119	288.453125	2272.895244	
33	Poliki	Gyrocapus americanus	1	1	0	0	0	0	1	147	0	0	0	0	147	
34	Puli Velaga	Trianthema decandra	10	0	8	2	0	0	0	0	0.85571875	1.7114375	17607.24864	2139.296875	19746.54551	
35	pulla pachari	albergia panicuinta	2	0	0	2	0	0	0	0	0.3170125	0.634025	8182.092625	792.53125	8974.623875	
36	pulla pariki	Ziziphus oenoplia	1	0	1	0	0	0	0	0	0.0945	0.189	1582.7805	236.25	1819.0305	
37	Rela	cassia fistula	13	3	10	0	0	0	3	909	0.48614375	0.9722875	8142.421669	1215.359375	10266.78104	
38	Rudhra Genupu	Mitragyna parviflora	1	0	1	0	0	0	0	0	0.045125	0.09025	1014.2295	112.8125	1127.042	
39	Tada	Pterospermum xylocarpum	1	0	0	1	0	0	0	0	0.14028125	0.2805625	3620.659063	350.703125	3971.362188	
40	Teak	Tectona grandis	19	13	6	0	0	0	13	6279	0	2.5	6966	3125	16370	
41	Thada	Pterospermum xylocarpum	56	6	42	7	1	0	6	1818	3.56213125	7.1242625	75701.50679	8905.328125	86424.83492	
42	Thandra	Terminalia bellerica	2	0	1	1	0	0	0	0	0.4340875	0.868175	10986.10785	1085.21875	12071.3266	
43	Thausi	tetramales nudiflora	1	0	0	0	1	0	0	0	0.420175	0.84035	16062.02973	1050.4375	17112.46723	
44	Tunki	Diospyros melanoxylon	3	1	1	0	1	0	1	303	0.79803125	1.5960625	29023.68741	1995.078125	31321.76553	
45	Uduga	Alangium salvifolium	15	4	9	2	0	0	4	1212	0.629075	1.25815	12509.86298	1572.6875	15294.55048	

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	Total poles Value in Rs	Timber in cum	Fuel in cum	Timber value in Rs	Firewood value in Rs	Grand Total in Rs.	Remarks
46	Usiri	Emblica officinalis	1	0	0	1	0	0	0	0	0.18484375	0.3696875	4770.817188	462.109375	5232.926563	Rates adopted from Guntur Circle FSR 2022-23 for poles, Fuel, Timber and extraction charges
47	Vadhi	Dolichandrone falcata	11	8	3	0	0	0	8	2424	0.09875	0.1975	1653.96375	246.875	4324.83875	
48	Yegisa	Pterocarpus marsupium	58	13	30	8	4	3	13	4420	8.2716	16.5432	458106.105	20679	483205.105	
49	Yerra Bikki	gardenia resinifera	14	6	3	4	1	0	6	1818	1.0542	2.1084	30753.3884	2635.5	35206.8884	
50	Yerra Boliki	Sterculia villosa	5	0	0	2	1	2	0	0	1.7644	3.5288	71294.1765	4411	75705.1765	
51	Yerra Gotika	ziziphus xylopyrus	1	0	1	0	0	0	0	0	0.0588	0.1176	984.8412	147	1131.8412	
Total			670	168	348	97	39	18	168		78.3036	160.1072	2436356.9648	216505.7422	2706239.7070	
Value of Timber, Firewood and Poles															2706239.707	
Extraction charges including loading, unloading and transporatation charges															919843.00	
Grand Total in Rs															3626082.707	

S.A. Khayum
Forest Beat Officer
Tunnel

[Signature]
Forest Beat Officer
Diguvametta North

[Signature]
Dy.Range Officer
Diguvametta

[Signature]
Forest Range Officer
Gundlakamma

COUNTERSIGNED

[Signature]
DEPUTY DIRECTOR
PROJECT TIGER, GIDDALUR