

ESTIMATE FOR WORKS 2021-22

Division: Medchal.
Range: Uppal

Scheme : CA

NAME OF THE WORK: ESTIMATE FOR RAISING OF COMPENSATORY AFFORESTATION IN DEGRADED FOREST (MEDIPALLY - II, R.F BLOCK, UPPAL RANGE (INTENSIVE GAP PLANTING WITH WATERING FACILITY AND PROTECTION)

S No	Item of work	F.S.R. item No.	Qty.	Rate	GHMC Limit 40%	Cumulative Rate	Unit	Amount
1	2	3	4	5	6	7	8	9
ADVANCE OPERATION (PRE-PLANTING OPERATION) -								
1	Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, Somi, Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa, Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.) (c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on field inspection of DFO.	02.08.02 [c]	1.16 Ha	7717.50	3087.00	10804.50	Ha.	91190
2	Alignment & Stacking including demarcation of base line	02.09.04 [c]	1290	93.82	37.53	131.35	100 Nos	1694
3	Digging of pits is to be done manually 60 cm ³ pit.	2.15.03 B ii	1290	63.72	25.49	89.21	Each	115078
PLANTING OPERATIONS DURING RAISING YEAR								
4	Cost & transportation of Redsoil 1290 plants X 0.29 X 2.5 (ieft= 0.029 cum) 2.5 cft per plant	HMDA 371 (9)	94	1228.50		1228.50	Cum	114895
5	Fortification of seedling with insecticide and treating pits with SSP	02.09.11						
	(a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriohos in 1 lit water) either at nursery site before transport or at plantation site before planting	02.09.11[a]	1290	41.23	16.49	57.72	100 No	745
	(b) Cost of SSP, Chloridine dust or Chloropyriphos	02.09.11[b]	As per actuals					2000
6	Cost of Plants including Transportation to the planting site (Tall Plants in 10" X 16" Bags)		1290	As per actuals		300.00	Each	387000
7	Internal transportation to planting points on head loads (c) 20 X 30 cm (8"X12") bag plants	02.15.07 [b]	1290	479.15	191.66	670.81	100 No	8653
8	Planting in 60 cm ³ Pit	02.09.12 [c]	1290	1019.43	407.77	1427.20	100 No	18411
9	Cost of supporting stake of 2.5 mtr long, sturdy and straight and minimum 10 cm girth at the base (if bamboos are not supplied by Dept).	02.15.10	1290	1736.44		1736.44	100 nos	22400
10	Cost of DAP @ 25 gm / planting point	02.09.16	As per actuals					2500
11	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application.	02.09.17	1290	41.23	16.49	57.72	100 No	745
12	Cost and application of 1/2 cft FYM per plant - 1 month after planting	02.12.12	1290	2083.73		2083.73	100 Nos	26880
13	Weeding and saucer formation to a radius of 0.50 m around the plant (during June)	02.09.18	1290	131.20	52.48	183.68	100 No	2369

S	Item of work	F.S.R. item No.	Qty.	Rate	GHMC Limit 40%	Cumulative Rate	Unit	Amount	
1	2	3	4	5	6	7	8	9	
14	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.)	02.09.19	1290	689.06	275.62	964.68	100 No	12444	
15	Creation of infrastructure and establishment of water points including laying of pipeline with existing borewell		As per actuals						100000
16	Cost of Protection:	02.09.25	9 Months	9654.59				86891	
17	Electricity Charges			As per actuals				27000	
18	Contingenices	02.15.27		LS				30103	
	Total							1051000	

Add 10% extra for 2022-23 105100

Total: 1156100


Forest Range Officer,
Uppal

CERTIFICATE:

This is to certify that the above site falls under GHMC Area Limits.
Hence 40% extra over basic on labour component of works added.


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ESTIMATE FOR WORKS 2021-22

Division: Medchal.

Range : Uppal

Scheme : CA

NAME OF THE WORK: ESTIMATE FOR 1ST YEAR MAINTENANCE OF COMPENSATORY AFFORESTATION IN DEGRADED FOREST (MEDIPALLY II, R.F BLOCK, UPPAL RANGE (INTENSIVE GAP PLANTING WITH WATERING FACILITY AND PROTECTION))

S No	Item of work	F.S.R. item No.	Qty.	Rate	GHMC Limit 40%	Cumulative Rate	Unit	Amount
1	2	3	4	5	6	7	8	9
1	Replacement of Casualties: 25% in 1st year (In case of Eucalyptus: no casualty replacement). The list of all casualty points shall be prepared by concerned FRO by and made a report to DFO latest by end of May. The pitting of all such casualty points shall be over by end of June. The planting shall be completed by 15th of July.	02.10.01						
	Digging of Pits		322	63.72	25.49	89.21	Each	28725
	Internal transportation to planting points on head loads - 25X 40 cm (10"X16") bag plants	02.09.10 [c]	322	479.15	191.66	670.81	100 No	2160
	Planting in 60 cm3 Pit	02.09.12 [c]	322	1019.43	407.772	1427.202	100 No	4596
2	Weeding and saucer formation to a radius of 0.50 m around the plant (during June)	02.10.02	1290	131.20	52.48	183.68	100 No	2369
3	Circular weeding cum Deep Soil working to a radius of 0.5m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec)	02.10.03	1290	689.06	275.62	964.68	100 No	12444
4	Cost of Protection and Watering:	02.10.09	12 Months	9654.59				115855
5	Electricity Charges			As per actuals				36000
6	Contingencies	02.15.27		LS				5850
	Total							208000
						Add 10% extra for 2022-23		228800
						Add 10% extra for 2023-24		251679


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ESTIMATE FOR WORKS 2020-21

Division: Medchal
Range : Uppal

Scheme : CA

NAME OF THE WORK: ESTIMATE FOR 2nd YEAR MAINTENANCE OF COMPENSATORY AFFORESTATION IN DEGRADED FOREST (MEDIPALLY II, R.F BLOCK, UPPAL RANGE (INTENSIVE GAP PLANTING WITH WATERING FACILITY AND PROTECTION))

S No	Item of work	F.S.R. item No.	Qty.	Rate	GHMC Limit 40%	Cumulative Rate	Unit	Amount
1	2	3	4	5	6	7	8	9
1	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	02.11.02	1290	689.06	275.62	964.68	100 No	12444
2	Cost of Protection and Watering:	02.11.05	12 Months	9654.59				115855
3	Electricity Charges							36000
4	Contingenices	02.15.27		LS				700
	Total							165000

Add 10% extra for 2021-22 181499

Add 10% extra for 2022-23 199649

Add 10% extra for 2023-24 219614


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ESTIMATE FOR WORKS 2020-21

Division: Medchal.

Scheme : CA

Range : Uppal

NAME OF THE WORK: ESTIMATE FOR 3rd YEAR MAINTENANCE OF COMPENSATORY AFFORESTATION IN DEGRADED FOREST (MEDIPALLY II, R.F BLOCK, UPPAL RANGE (INTENSIVE GAP PLANTING WITH WATERING FACILITY AND PROTECTION))

S No	Item of work	F.S.R. item No.	Qty.	Rate	GHMC Limit 40%	Cumulative Rate	Unit	Amount
1	2	3	4	5	6	7	8	9
1	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	02.11.02	1290	689.06	275.62	964.68	100 No	12444
3	Electricity Charges			LS				36000
4	Contingenices	02.15.27		LS				556
	Total							49000

Add 10% extra for 2021-22 53900
 Add 10% extra for 2022-23 59291
 Add 10% extra for 2023-24 65220
 Add 10% extra for 2024-25 71742
 4th year 78916
 5th year 86807
 6th year 95488
 7th year 105037
 8th year 115540
 9th year 127094
 10th year 139804



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