

Indicative Cost Estimation for Raising and Maintenance of Compensatory Afforestation as part of compliance of conditions of Stage-1 approval (Based on KFD CSSR for 2021-22)

[ANNEXURE-1]

ABSTRACT (Amount in Rs:Cost per hectare)

FC Proposal No:- FP/KA/ROAD/120467/2020-21

Proposed CA Land at Belthangady Range Sy No 236/1, 262/2, 171, 177 of Malavantige Village, Belthangady Hobli, Belthangady Tq of Dakshina Kannada Dist. For Project Division of 2.5315 Ha. of Forest land for the Four laning Bangalore - Mangalore NH-48 Addahole (near Gundiya) in favour of Executive Engineer, National High way Division, Mangalore

(Total forest area diverted in Mangalore Division is 2.5315 Ha)

Division : MANGALORE				Sub Division :MANGALORE		Range: Belthangady		CA Location :Malavantige Village Sy No: 236/1, Extent : 5.10 Ha.							
Sl. No.	Particulars	Advance work Year	Raising Year	Maintenance										Grand Total	
				I st Year	II nd Year	III rd Year	IV th Year	V th Year	VI th Year	VII th Year	VIII th Year	IX th Year	X th Year		
ART, A:Advance Works															
1	Advance works (Including raising of PBS of 8"x12 Size) 1200 pits/Ha	709,920													709,920
ART, B : Raising of plantations															
1	Raising Plantation in advance worked area		397,800												397,800
2	Maintenance of seedling before planting (8"x12" size Pbs 1200 pbs @ Rs 7.16 each)		43,819												43,819
4	Raising nursery for replacement of casualties next year 10 % (8"x12" size 100 Pbs @ Rs 24.36 each)		12,424												12,424
ART, C : Maintenance of plantation(with casualty placement, cultural operations and manuring)															
1	Maintenance of the plantation during 1 st year			210,120											210,120
2	Maintenance of seedlings raised for casualty replacements (8"x12" size 100 Pbs @ Rs 7.16 each)			3,652.00											3,652
ART, D : Maintenance of plantation (with cultural operations and manuring)															
1	Maintenance of the plantation during 2 nd year				174,930										174,930
ART, E : Maintenance of plantation (with cultural operations but without manuring)															
1	Maintenance of the plantation during 3 rd year					144,330									144,330
2	Maintenance of the plantation during 4 th year						144,330								144,330
3	Maintenance of the plantation during 5 th year							144,330							144,330

Sl. No.	Particulars	Advance work Year	Raising Year	Maintenance										Grand Total
				I st Year	II nd Year	III rd Year	IV th Year	V th Year	VI th Year	VII th Year	VIII th Year	IX th Year	X th Year	
PART, F : Maintainance of plantation(without cultural operations)														
1	Maintenance of the plantation during 6 th year													42,840
2	Maintenance of the plantation during 7 th year								42,840					42,840
3	Maintenance of the plantation during 8 th year									42,840				42,840
4	Maintenance of the plantation during 9 th year										42,840			42,840
5	Maintenance of the plantation during 10 th year											42,840		42,840
	Total : (A to F)	709,920	454,043	213,772	174,930	144,330	144,330	144,330	42,840	42,840	42,840	42,840	42,840	2,199,855
I	Total (A to F) Amount after taking 10% escalation cost for each year (Compounding factor @ 10%)	780,912	549,392	284,530	256,115	232,371	255,464	281,443	91,678	101,102	110,956	122,094	134,518	3,200,575
II	Soil and moisture conservation measures (15% on total plantation cost)	480,086												480,086
III	Resurveying, Redemarcation and other works for section 4 notification (LS)	60,000												55,000
IV	Chainlink fencing (considering 200 meter average periphery) (33% escalation over rates adopted for 2020-21)	4,558,125												4,558,125
	Total advance work year to 10th Year of maintenance (I+II+III)	5,879,123	549,392	284,530	256,115	232,371	255,464	281,443	91,678	101,102	110,956	122,094	134,518	8,293,786
Administration & Supervision Charges @ 5% of above														
414,689														
Miscellnuous for rounding off														
1,525.0														
GRAND TOTAL : 8,710,000.00														
Rupees Eighty Seven lakh Ten Thousand only														

Deputy Conservator of Forests
Mangalore Division, MANGALORE

Asst. Conservator of Forests &
Technical Assistant to
Deputy Conservator of Forests,
Mangaluru Division, Mangaluru

Range Forest Officer
Belthangady Range Belthangady
Belthangady Range, Belthangady, D.K.