## Indicative Cost Estimation for Raising and Maintainence of Compensatory Plantation (Based on KFD CSSR for 2020-21)

ABSTRACT (Amount in Rs:Cost per hectare)

ANNEXURE-1

FC Proposal No:-FP/KA/WATER/139640/2021

Proposed CA Land at Ambligola Range Sy No 63of Hariharapura Village, Kasaba Hobli Shikaripura Tq Shimoga Dis. For Project Diversion of 2.354 Ha of Forest land for the construction of Rising Main in Sy. No.59 of Adaganti, Sy.No 32 of Kaginele, Sy.No. 91,126, 127 153 of Varaha and Sy.No 291 of Nagavandha villages in Shivamogga and Haveri Districts in favour of Executive Engineer, KARNATAKA NEERAVARI NIGAM LIMITED, Dandavathi Reservoir Project Division, Shkaripura Tq Shivmoga Dist.

(Details of forest area diverted involved in the Divisions : 1) Sagar division: 0.701Ha, & 2) Haveri division : 1.653Ha, Total forest area diverted is :-2.354Ha)

Division : SAGAR						Division :			Range : Ambligola			CA Location :Hariharapura Village Sy No: 63 Extent : 2.354 Ha.		
~	Particulars	Advance work Year	Raising Year	Maintenace										
SI. No.				l <sup>st</sup> Year	ll <sup>nd</sup> Year	III <sup>rd</sup> Year	IV <sup>th</sup> Year	V <sup>th</sup> Year	VI <sup>th</sup> Year	VII <sup>th</sup> Year	VIII <sup>th</sup> Year	IX <sup>th</sup> Year	X <sup>th</sup> Year	Grand Total
1	PART A:Advance Works Advance works (Including raising of PBS of 8"x12 Size	133,800												133,800
	PART B : Raising of plantations													
1	Raising Plantation in advance worked area		73,800											73,800
2	Maintenance of seedling before planting (8"x12"size Pbs 1200pbs @ Rs. 6.94 each)		8,328											8,328
4	Raising nursery for replacement of casualitites next year 10 % (8"x12"size 100 Pbs @ Rs.22.83 each)		2,283											2,283
	PART C : Maintainance of plantation(with casuality replacement, cultural operations and manuring)													
1	Maintenance of the plantation during Ist year			39,700										39,700
2	Maintenance of seedlings raised for casuality replacements (8"x12"size 100 Pbs @ Rs 6.94 each=694)			694.00										694.00
	PART D : Maintanance of plantation (with cultural operations and manuring)													
1	Maintenance of the plantation during 2 <sup>nd</sup> year				33,100									33,100
	PART E : Maintainance of plantation ( with cultural operations but without manuring)													
1	Maintenance of the plantation during 3 <sup>rd</sup> year					27,400								27,400

	Particulars	Advance work Year		Maintenace										
SI. No.				l <sup>st</sup> Year	ll <sup>nd</sup> Year	III <sup>rd</sup> Year	IV <sup>th</sup> Year	V <sup>th</sup> Year	VI <sup>th</sup> Year	VII <sup>th</sup> Year	VIII <sup>th</sup> Year	IX <sup>th</sup> Year	X <sup>th</sup> Year	Grand Total
2	Maintenance of the plantation during 4 <sup>th</sup> year						27,400							27,400
3	Maintenance of the plantation during 5 <sup>th</sup> year							27,400						27,400
	PART F : Maintainance of plantation(without cultural operations)													
1	Maintenance of the plantation during 6 <sup>th</sup> year								8,100					8,100
	Maintenance of the plantation during 7 <sup>th</sup> year									8,100				8,100
3	Maintenance of the plantation during 8 <sup>th</sup> year										8,100			8,100
	Maintenance of the plantation during 9 <sup>th</sup> year											8,100		8,100
5	Maintenance of the plantation during												8,100	8,100
	Total : (A to F)	133,800	84,411	40,394	33,100	27,400	27,400	27,400	8,100	8,100	8,100	8,100	8,100	414,405
1	Total (A to F) Amount after taking 10% escalation cost for each year (Compounding factor @ 10%)	147,180	102,137	53,764	48,462	44,128	48,541	53,395	17,363	19,099	21,009	23,110	25,421	603,610
	Soil and moisture conservation measures (15% on total plantation cost)	90,542												90,542
	Resurveying, Redemarcation and other works for section 4 notification (LS)	10,400												10,400
	Chainlink fencing (considering 200meter average periphery) (33% escalation over rates adopted for 2019- 20)	812,500												812,500
	Total advance work year to 10th Year of maintenance (I+II+III)	1,060,622	102,137	53,764	48,462	44,128	48,541	53,395	17,363	19,099	21,009	23,110	25,421	1,517,052
dmini	istration & Supervision Charges @ 5%	of above												75,853
Miscellnuous for rounding off									96					
GRAND TOTAL : 2.354Ha. x 15,93,000Rs/ha. =													1.593.000	
								Dire	oos Thirty: Ca	wan Lakka				3,749,922.00 Twenty-two only

Deputy Conservator of Forests, Sagar Division, Sagar