

**ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME FOR DIVERSION OF 3.27 HA OF FOREST LAND FOR PROPOSED ROAD Ransoo (Chinar) to Bamliia Sangar**

**1. LOCATION/SITE FOR COMPENSATORY AFFORESTATION**

Range	Block	Beat	GPS COORDINATES	Area
Lameri	Treru	Ransoo	N77.5812 E33.1452	6.54 Ha

**2. DETAILS OF WORK PROGRAMME**

**A. First Year**

**a) *Fencing***

Location	Geo Coordinates	Area	Physical	Rate/Unit	Financial(Rs)
103/D	N77.5812 E33.1452	6.54Ha	3500	72.78/RFT	<b>2,54,730/-</b>

**b) *Nursery Raising***

No of Plants to be raised (For Plantation and Subsequent BUC):

= 10150 Poly Bagged

**Financial: 10150 x 8.03 = Rs. 81504.50**

**c) *Plantation***

Location	GPS Coordinates	Area	Physical	Rate/Unit	Financial (Rs.)
103/D	N77.5812 E33.1452	6.54Ha	7000 Plants	29.34/Plant	<b>2,05,380/-</b>

**d) *Patch Sowing***

Location	GPS Coordinates	Area	Physical	Rate/Unit	Financial (Rs.)
103/D	N77.5812 E33.1452	6.54Ha	2000 Patches	6.99/Patch	<b>13,980</b>

**e) Soil & Moisture Conservation Works**

Location	GPS Coordinates	Type of Work	Physical	Rate/Unit	Financial (Rs.)
103/D	N77.5812 E33.1452	DRSM	50 M <sup>3</sup>	1099/M <sup>3</sup>	54950
103/D	N77.5812 E33.1452	WHS/POND (25' x 25' x 5' )	2	L.S. (As per Estimate)	250000

**f) Inspection Path inside the Plantation Closure**

Location	GPS Coordinates	Type of Work	Physical	Rate/Unit	Financial (Rs.)
103/D	N77.5812 E33.1452	Inspection Path	L = 500 m B= 1.5 m	45221/km	22,610.5

**g) Fire Line Around the Closure to prevent fire spreading inside plantation Closure**

Location	GPS Coordinates	Type of Work	Physical	Rate/Unit	Financial (Rs.)
103/D	N77.5812 E33.1452	Fire Line	L= 4 km around the closure B = 10 m	29250/km	1,17,000

**h) Watch & Ward**

1 Watcher @ Rs. 330 per day

**Financial = 120450**

**i) Monitoring Mechanism(Infrastructure structure ) for field staff**

Construction of Guard Hut in Ransoo Beat for Monitoring and Protection of forests:

Cost : 8 Lakh (as per Estimate)

**Total Financial (First Year of Operation) = a + b + c + d + e + f + g + h + i**

**= 1920605**

**B. MAINTENANCE****i. 2<sup>nd</sup> year of operation**

S.No.	Type of Work	Physical	Rate	Financial (Rs.)
1.	BUC	1750 Plants	29.34/Plant	51345
2.	Maintenance of Nursery	3150 Plants	2.66/Plant	8379
3.	Maintenance of DRSM, Ponds	Constructed during First Year	Lump sum	100000
4.	Maintenance of Fire Line around the closure	L = 4 km , Constructed during First Year	14625/km	58500
5.	Watch & Ward	1	Rs.330/ day	120450
	<b>Total</b>			<b>338674</b>

**ii. 3<sup>rd</sup> year of operation**

S.No.	Type of Work	Physical	Rate	Financial (Rs.)
1.	BUC	1050 Plants	29.34/Plant	30807
2.	Maintenance of Nursery	1400Plants	2.66/Plant	3724
3.	Maintenance of DRSM, Ponds	Constructed during First Year	Lump sum	75000
4.	Maintenance of Fire Line around the closure	L = 4km , Constructed during First Year	14625/km	58500
5.	Watch & Ward	1	330rs/ day	120450
6.	Maintenance of Forest Infrastructure (Guard Hut at Ransoo)	Guard Hut at Ransoo	L.S.	50000
	<b>Total</b>			<b>338481</b>

**iii. 4<sup>th</sup> year of operation**

S.No.	Type of Work	Physical	Rate	Financial (Rs.)
1.	BUC	350 Plants	29.34/Plant	10269
2.	Maintenance of Nursery	350 Plants	2.66/Plant	931

vi. 7<sup>th</sup> year of operation

S.No.	Type of Work	Physical	Rate	Financial
1.	Maintenance of Fencing	750 RFT	16.74/RFT	12555
2.	Maintenance of DRSM, Ponds	Constructed during First Year	Lump sum	30000
3.	Maintenance of Fire Line around the closure	L = 4 km , Constructed during First Year	14625/km	58500
4.	Watch & Ward	1	330 rs/ day	120450
5.	Maintenance of Forest Infrastructure (Guard Hut at Ransoo)	Guard Hut at Ransoo	L.S.	50000
	<b>Total</b>			<b>271505</b>

vii. 8<sup>th</sup> year of operation

S.No.	Type of Work	Physical	Rate	Financial
1.	Maintenance of Fencing	500 RFT	16.74/RFT	8370
2.	Maintenance of DRSM, Ponds	Constructed during First Year	Lump sum	25000
3.	Maintenance of Fire Line around the closure	L = 4 km , Constructed during First Year	14625/km	58500
4.	Watch & Ward	1	330 rs/ day	120450
	<b>Total</b>			<b>212320</b>

viii. 9<sup>th</sup> year of operation

S.No.	Type of Work	Physical	Rate	Financial
1.	Maintenance of Fencing	500 RFT	16.74/RFT	8370

2.	Maintenance of DRSM, Ponds	Constructed during First Year	Lump sum	20000
3.	Maintenance of Fire Line around the closure	L = 4 km , Constructed during First Year	14625/km	58500
4.	Watch & Ward	1	330 rs/ day	120450
5.	Maintenance of Forest Infrastructure (Guard Hut at Ransoo)	Guard Hut at Ransoo	L.S.	50000
	<b>Total</b>			<b>257320</b>

**ix. 10<sup>th</sup> year of operation**

S.No.	Type of Work	Physical	Rate	Financial
1.	Maintenance of Fencing	500 RFT	16.74/RFT	8370
2.	Maintenance of DRSM, Ponds	Constructed during First Year	Lump sum	20000
3.	Maintenance of Fire Line around the closure	L = 4 km , Constructed during First Year	14625/km	58500
4.	Watch & Ward	1	330 rs/ day	120450
	<b>Total</b>			<b>207320</b>

**Total (Maintenance) = i to ix**

**= 24.04 Lacs**

**Total (A + B) = 19.21 + 24.04**

**= 43.25 Lacs**

**C. OVERHEAD/MONITORING & EVALUATION/CONTINGENCIES**

S.No.	Particulars	Financial (in Lakhs)
1.	Monitoring & Evaluation @ 2% of (A+B)	0.865
2.	Office Expenses @ 10% of (A+B)	4.325
3.	Contingencies @ 4% of (A+B)	1.73
	<b>Total C</b>	<b>6.92</b>

**SUMMARY**

S.NO	Particulars	Financial(in Lakhs)
A.	First Year operation	19.21
B.	Maintenance of 10 years	24.04
C.	Overhead/Monitoring & Evaluation /Contingencies	6.92
	<b>Total (A+B+C)</b>	<b>50.17</b>

**Total Amount = 50.17 Lakhs  
(Rupees Fifty lacs and Seventeen thousand only )**

  
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