

Financial cost of compensation for diversion of 1.53 Ha land from Mahananda Wildlife Sanctuary under DWLD, Darjeeling towards for Adit-I of the Sevoke-Rangpo Railway line by undertaking compensatory afforestation in the Senchal Wildlife Sanctuary for 3.1 Ha.

Major species to be planted:

1. Quercus lineata	2. Juglans regia
3. Quercus lamellosa	4. Magnolia campbelli
5. Quercus fenestrata	6. Michelia excelsa
7. Castanopsis sp.	8. Prunus nepalensis
9. Quercus pachyphylla	10. Alnus nepalensis

Detailed estimates:

Sl. No	Particulars of works	Amount
1	Creation of plantation: i) Advance work = 14640/Ha ii) Cleaning of maling = 19520/Ha iii) Creation work = 29,280/Ha	63,440=00
2	Maintenance (including cleaning of maling for the first 5 years to ensure better survival): 1 st Year = 46,794/ha 2 nd year = 38986/ha 3 rd year = 37034/ha 4 th year = 37034/ha 5 th year = 37034/ha 6 th year = 17080/ha 7 th year = 17080/ha 8 th year = 14640/ha 9 th year = 14640/ha 10 th year = 14640/ha	274962=00
	<i>Subtotal</i>	338402=00
	20% increment charge in wages rate	67680=00
	COST/ha	4,06,082=00
A	Total cost for 3.10 Ha @ Rs. 406082/=	12,58,854=00
B	8 stranded barbed wire fencing with RCC posts for protection of plantation over the boundary (periphery)	6,00,000=00
C	Engaging plantation watchers-2 nos, for 10 years,(730 Mds/year)with wage rate increment of 8% per annum	29,64,894=00
	Total	48,23,748=00
3	Monitoring and evaluation @ 5%	2,41,187=00
4	Overhead @ 10%	4,82,375=00
5	Contingencies @ 3%	1,44,712=00
6	Soil and moisture conservation works, vegetative palisade, 500 rmt @800/rmt	4,00,000=00
7	a) Fireline creation(width over 3.3 mtrs) by uprooting the maling bamboo completely along the periphery @ 70 mds b) 20% increment charge in wages rate	17,080=00 3,416=00
8	Experimental plantation of bamboo rejuvenation by taking bamboo clump/stalk over 30 nos. (digging, taking out the clump, healthy rhizome from the parent plant and transplantation in suitable areas,over 30 clump in the Mahananda Wildlife Sanctuary @ 3000/clump	90,000=00
9	Repairing & construction of access road to the CA plantation over 8 Kms.	16,07,143=00
10	i)Construction of temporary watcher hut (raised platform) (01 no) by using CD poles, bamboos, etc.. ii) Maintenance of the watcher hut @5000/year for 10 years	1,00,000=00 50,000=00
11	Supply of solar light, torches, walkie talkie, camping equipments etc in the watcher hut.	1,00,000=00
	GRAND TOTAL	80,59,661=00
	Rupees Eighty Lakh Fifty Nine Thousand Six Hundred and Sixty One only	


Divisional Forest Officer
Darjeeling Wildlife Division