

## Calculation for Cost of Net Present Value & Compensatory Afforestation

Proposal No: FP/ML/OFC/157594/2022  
Name of Project: Overhead Optical Fibre Cable by BSNL  
Area (in Ha): 0.765 Ha

### Net Present Value (NPV)

The forest area being diverted falls under the Eco Class – I – Very Dense Forest, thus as per the MoEFCC File No.5-3/2011-FC(Vol-I) dated 06.01.2022, the rate of NPV per Ha is Rs. 15,95,790 and the NPV for Laying of Overhead OFC is Rs.15,95,790 x 0.765 Ha = **Rs. 12,20,780/-** (Rupees Twelve Lakhs Twenty Thousand Seven Hundred and Eighty Rupees only).

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### Compensatory Afforestation

Since the Total Forest Area (0.765 Ha) to be diverted for the laying of Overhead OFC Cable is less than 1 Ha, as per Chapter 2.6 (i)(b) of the Handbook on FCA Guidelines issued vide letter F.No. 5-2/2017-FC dated 28.03.2019 the Compensatory Afforestation for this project has been calculated at the rate of Planting 10 times the Number of Trees being felled with 10 years of maintenance (subject to a minimum no. of 100 plants).

No of Trees to be felled: 0

No of Saplings to be planted as CA: 100 Nos (Minimum)

Approved Plantation & Nursery CA Norms: 2375 Mandays per Ha or 1000 saplings

Grazing Proof Bamboo Basket: 2 Mandays per Sapling

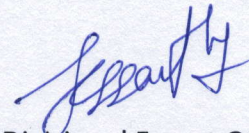
Man days for 1 Ha/1000 Saplings of Plantation & Nursery: 4375 Man days

Wage Rate: Rs. 373

Cost of Plantation & Nursery (100 saplings) (100 x 4.375 x 373): **Rs. 1,63,188/-**

**Total CA Cost: Rs. 1,63,188/- (Rupees One Lakh Sixty-Three Thousand One Hundred Eighty-Eight Only).**

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