

BILL FOR NPV


Full Title of the Project: - Diversion of 1.5447 hac. forest land for construction of PHC Kainchi Nehra to Nagadhar via Grouth road.

File No.:- FP/HP/ROAD/144151/2021

Date of Proposal: - 29/6/2021

CALCULATION OF NET PRESENT VALUE OF FOREST LAND TO BE DIVERTED UNDER FCA FOR CONSTRUCTION OF PHC KAINCHI NEHRA TO NAGADHAR VIA GROUTH ROAD

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| 1. | Area being diverted | 1.5447 ha. |
| 2. | Total trees in the diverted land | 135 Nos |
| 3. | Trees up to 3 rd class | 119 Nos |
| 4. | Trees above 3 rd class | 16 Nos |
| 5. | Conversion of up to 3 rd class trees into 3 rd class trees by taking 2 trees of upto 3 rd class as one tree of higher class. | 60 trees upto 3 rd class = 76 trees above 3 rd class |
| 6. | Therefore total trees above 3 rd class | 76 |
| 7. | No of trees in 1.5447 sqm. | 76 trees |
| 8. | No. of trees per ha. | $76/15447 \times 10000 = 49.200$ trees |
| 9. | If 400 trees of and above 3 rd class per ha then density | 100 |
| 10. | If 49.200 trees above 3 rd class per ha then density | $100/400 \times 49200/1000 = 0.123 \%$ |
| 11. | Rates applicable for forest having density between 0-10% (Open Forest) Eco Class VI | 10,69,470/- |
| 12. | For 1 ha. NPV chargeable | 10,69,470/- |
| 13. | For 1.5447 ha NPV chargeable | $10,69,470/- \times 1.5447 = 16,52,010/-$ |
| | Total | 16,52,010/- |


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