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**Compensatory afforestation scheme for diversion from Chalamala to Uyyalamadugu of Bhadrachalam division of Bhadrachalam Kothgudem district,**

**A. Non-forest CA lands (NFL):**

**1. Introduction:**

In lieu of diversion of forest land over an extent of 2.23 Ha of Forest land in Charla Range of Bhadrachalam Division for Widening and upgradation of existing road from Chalamala to Uyyalamadugu CA scheme is prepared as per the guidelines issued in Handbook on FCA Act 1980 in para NO.2.69(i)(f) cost of plantation including (10) years maint. of (10) times the number of trees likely to be felled or specified number of trees a may be specified in the order for diversion of forest land (Subject to a minimum No. of 100 plants), shall be levied from the User Agency towards compensatory afforestation. The details are as shown below.

| Sl.No. | Name of the work  | Amount       |
|--------|---|--------------|
| 1      | Advance operations for raising NTSH plantation -1 Ha.             | 0.492        |
| 2      | Raising of plantation under LI Gap -1 Ha including cost of plants | 0.189        |
| 6      | 1st year Maint. of NTSH Plantation                                | 0.019        |
| 7      | 2nd year Maint. of NTSH Plantation                                | 0.044        |
| 8      | 3rd year Maint. of NTSH Plantation                                | 0.048        |
| 9      | 4th year Maint. of NTSH Plantation                                | 0.058        |
| 10     | 5th year Maint. of NTSH Plantation                                | 0.064        |
| 11     | 6th year Maint. of NTSH Plantation                                | 0.071        |
| 12     | 7th year Maint. of NTSH Plantation                                | 0.078        |
| 13     | 8th year Maint. of NTSH Plantation                                | 0.086        |
| 14     | 9th year Maint. of NTSH Plantation                                | 0.094        |
| 15     | 10th year Maint. of NTSH Plantation                               | 0.103        |
| 16     | <b>Administrative Cost</b>  | 0.100        |
|        | <b>Total:</b>   | <b>1.446</b> |

A plan is prepared for growing of Gap plantation with miscellaneous species in 1 Ha. NFL degraded area with a financial outlay of Rs.1.446 Lakhs and is submitted.

**THE SCHEME - TREATMENT MODELS AND OPERATIONS PROPOSED:**

**Plantations:** It is proposed to take up Gap plantation with NON TEAK SECONDARY HARDWOOD SPECIES (NTSH).

The operations to be carried out are Survey and demarcation, Digging of Staggered contour Trenches and Gap planting i.e., 100 Nos. per Ha., with 10 years of maintenance. Other cultural operations like weeding's, Soil workings, etc., will be taken up. Watering of plants is provided for raising year.

**Soil and moisture conservation works:** It is proposed to carry out SMC works like Digging of SCT.

B/hms 05/06/2020  
Forest Divisional Officer  
Bhadrachalam.

Jn  
08/06/2020

1004/2020

**COMPENSATORY AFFORESTATION SCHEME FOR 1 Ha.(100 plants/per Ha.) IN LIEU OF DIVERSION FROM CHALAMALA TO UYYALAMADUGU OF CHARLA RANGE OF BHADRACHALAM DIVISION.**

| Sl No | Component   | 2020-21 |         |              | 2021-22 |         |              | 2022-23 |         |              | 2023-24 |         |              | 2024-25 |         |              | 2025-26 |        |              |
|-------|---|---------|---------|--------------|---------|---------|--------------|---------|---------|--------------|---------|---------|--------------|---------|---------|--------------|---------|--------|--------------|
|       |   | Phy.    | Rate    | Fin.         | Phy.    | Rate    | Fin.         | Phy.    | Rate    | Fin.         | Phy.    | Rate    | Fin.         | Phy.    | Rate    | Fin.         | Phy.    | Rate   | Fin.         |
| 1     | 2   | 3       | 4       | 5            | 6       | 7       | 8            | 9       | 10      | 11           | 12      | 13      | 14           | 15      | 16      | 17           | 18      | 19     | 20           |
|       | <b>Raising of plantations in Degraded Patch 1 Ha.</b>             |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
| 1     | Advance operations for raising NTSH plantation -1 Ha.             | 1       | 0.49251 | 0.4925       | 0       | 0       | 0            | 0       | 0       | 0            | 0       | 0       | 0            | 0       | 0       | 0            | 0       | 0      | 0            |
| 2     | Raising of plantation under LI Gap -1 Ha including cost of plants | 0       | 0       | 0            | 1       | 0.18856 | 0.18856      | 0       | 0       | 0            | 0       | 0       | 0            | 0       | 0       | 0            | 0       | 0      | 0            |
| 6     | 1st year Maint. of NTSH Plantation                                |         |         |              |         |         |              | 1       | 0.01915 | 0.01915      |         |         |              |         |         |              |         |        |              |
| 7     | 2nd year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              | 1       | 0.04387 | 0.04387      |         |         |              |         |        |              |
| 8     | 3rd year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              | 1       | 0.04826 | 0.04826      |         |        |              |
| 9     | 4th year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              | 1       | 0.0584 | 0.0584       |
| 10    | 5th year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
| 11    | 6th year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
| 12    | 7th year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
| 13    | 8th year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
| 14    | 9th year Maint. of NTSH Plantation                                |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
| 15    | 10th year Maint. of NTSH Plantation                               |         |         |              |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
|       | <b>Total:</b>   |         |         | <b>0.493</b> |         |         | <b>0.189</b> |         |         | <b>0.019</b> |         |         | <b>0.044</b> |         |         | <b>0.048</b> |         |        | <b>0.058</b> |
| 16    | <b>Administrative Cost</b>  | 1       | 0.100   | 0.100        |         |         |              |         |         |              |         |         |              |         |         |              |         |        |              |
|       | <b>Total:</b>   |         |         | <b>0.593</b> |         |         | <b>0.189</b> |         |         | <b>0.019</b> |         |         | <b>0.044</b> |         |         | <b>0.048</b> |         |        | <b>0.058</b> |



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