

Compensatory Afforestation (CA) Scheme for Non-Forest CA Land identified to an extent of 29.5644 Hectares (ha) in Sy.No.419 situated at Demikalan (V) Tadwai (M) of Kamareddy Division of Kamareddy District in lieu of forest lands proposed for diversion under F(C) Act,1980 and W(P)Act,1972 for PMGSY roads of Panchayat Raj Department in various Districts

- 1) **Introduction:** The Prl. Chief Conservator of Forests, (HoFF), Telangana State, Hyderabad vide Rc.No.7365/2020/FCA-2, dated 19.03.2021 has informed that 29.5644 Hectares of Non-Forest Land has been identified in Sy.No.419 situated at Demikalan (V) Tadwai (M) of Kamareddy Division of Kamareddy District, by Panchayath Raj Department in lieu of diversion of forest land for (7) Roads under PMGSY Scheme in various districts under F©Act,1980 and W(P)Act,1972 and requested to prepare CA scheme for raising with 10 years of maintenance as per the instructions issued from time-to-time. The details of the roads proposed for diversion are as follows:

| Sl. No. | District | Division | Name of the proposals | Area in ha |
|---------|-------------|--------------|---|----------------|
| 1 | Mulugu | Venkatapuram | R&B Road to Tippapuram (Kalipaka) | 2.4314 |
| 2 | Nizamabad | Nizamabad | Mallapoor to Challagarga via Lolm, Govindpally, Beliya Thanda, Dhammannapet | 4.5151 |
| 3 | Kothagudem | Yellandu | BT road from Muthyalampadu X road to Station Thadikalpudi, Tekulapally Mandal, Yellandu | 6.5908 |
| 4 | Kothagudem | Yellandu | TO1-R&B Road to Dharmapuram (via) Pubelly, Sudimalla | 2.7141 |
| 5 | Mahabubabad | Mahabubabad | R/F ML01 Cheruvumunduthanda to Doravarivempally of Kothaguda M | 4.0555 |
| 6 | Mahabubabad | Gudur WLM | PWD road to Neelavancha | 3.2411 |
| 7 | Mahabubabad | Gudur WLM | R/F L032 Mattewada to Veerampet | 6.0173 |
| | | | Total | 29.5653 |

- 2) Suitability of the area:

Accordingly, identified Non-Forest Land 29.5644 Hectares in Sy.No.419 situated at Demikalan (V) Tadwai (M) of Kamareddy Division of Kamareddy District for the purpose of CA has been inspected with User Agency by the undersigned on 10.02.2021 In the field and found that;

The Non Forest Land 29.5644 Hectares in Sy.No.419 situated at Demikalan (V) Tadwai (M) of Kamareddy Division of Kamareddy District is adjacent Compt. No.706 of Lingampally RF of Yellareddy Range. The land is free from encroachments, it is classified as "Parampogu". The CA land now proposed has not been proposed or recommended to any other assignment or alternate land for any other project of any department. The land is having

open scrub with good vegetation and some of boulders patches and suitable for raising plantation under Labour Intensive Method.

Since, identified Non Forest Land to an extent of 29.5644 Ha. Hectares is suitable for raising plantation, it is proposed for Digging of CPT, construction of boundary pillars, Staggered contour trenches, Erection of Chainlink fencing, Procurement of firefighting equipment, awareness programmes of fire management works etc.

3). SCHEME IMPLEMENTATION AGENCY:

The District Forest Officer, Kamareddy and Forest Divisional Officer, Kamareddy will be the project implementation and Monitoring agency and works will be taken up through concerned Forest Range Officers.

For the successful execution of the above mentioned works it requires frequent inspections and close monitoring by the Forest Range Officers, Forest Divisional Officer, and District Forest Officer.

4). MONITORING MECHANISM:

The District Forest Officer, Kamareddy, Forest Divisional Officer, Kamareddy and Conservator of Forests, Nizamabad Circle will be closely monitoring the implementation of CA scheme by regular inspection for ensuring proper execution of the work and maintenance of connected records like Plantation and Nursery journals, plantation journal, cash books, Work register, measurement Books, Monthly progress of planting and maintenance, etc., and also submitting the regular work monitoring reports to the Principal Chief Conservator of Forests, TS, Hyderabad and other concerned Senior officers in the Forest Department in Telangana.

5). PERIOD OF THE SCHEME:

Period of the scheme is for (12 years) which includes advance works and raising of plantations and 10 years maintenance commencing from 2021-2022 to 2032-33 and nursery raising during 2021-22.

The details of proposed works are given below:

6). BOUNDARY DEMARCATION:

Chain-link fencing around the periphery are required to protect the non-forest CA land, with boundary pillars construction.

7). Raising of Plantation:

It is proposed to raise miscellaneous Plantation by adopting artificial regeneration under LI Method in the said non-forest CA land with 3 m x 3 m espacement.

a) Raising of misc. nursery: The seedlings suitable with two years old are to be raised in the forest nurseries for planting during 2023-24.

b) Taking up advance operations: The advance works under LI Method include clearance of misc. growth, uprootal of dead old and fresh stumps, tilling, heaping and burning etc.

c) Raising of plantations: The espacement proposed is 3 m x 3 m @ 1111 plants/ Ha. The activities including deep ploughing, alignment, scooping and Planting in 60 cm Cube pits, with misc. species under the direct supervision of the Forest Range Officers concerned. Other operations like circular weeding with formation of saucer, Circular weeding cum deep soil working, critical watering, application of fertilizers, etc are proposed

d) Maintenance of plantations: Maintenance of plantations are proposed for 10 years as per calendar of operations.

e) Planting targets proposed: The operations such as raising nursery, advance operations, raising of plantations and subsequent maintenance proposed to be commenced from 2021-22 as follows:

2021-22: Raising of seedlings in nurseries in 4" x 7" ploy bags

2022-23: Advance Operations & maintenance of nurseries

2023-24: Raising of Plantation

2024-25 to 2032-33: Maintenance of Plantations

The cost of the scheme is worked out adopting present FSR of 2020-21. The unit costs and total year wise cost structure of the project is shown in Annexures.


The following is the financial outlay:

| Description of the work | Amount in Rs.Lakhs |
|---|--------------------|
| Nursery raising and maintenance | 12.570 |
| Advance Operations | 42.286 |
| Raising of Plantation | 28.301 |
| Maintenance of plantation for 10 years | 76.16552 |
| SMC Works including CPT and bund planting, staggered contour trenches, percolation tanks etc. | 57.967 |
| Protection of CA lands – fencing and boundary pillars | 212.388 |
| Misc. Works | 30.727 |
| Administrative Cost (10%) over core activities | 42.968 |
| Grand Total | 503.372 |

The year wise expenditure will be as hereunder.

| Sl. No. | Year | Amount in Lakhs |
|---------|--------------|-----------------|
| 1 | 2021-22 | 47.307 |
| 2 | 2022-23 | 327.036 |
| 3 | 2023-24 | 42.389 |
| 4 | 2024-25 | 32.303 |
| 5 | 2025-26 | 12.509 |
| 6 | 2026-27 | 8.266 |
| 7 | 2027-28 | 6.762 |
| 8 | 2028-29 | 6.469 |
| 9 | 2029-30 | 1.525 |
| 10 | 2030-31 | 6.663 |
| 11 | 2031-32 | 1.846 |
| 12 | 2032-33 | 8.062 |
| 13 | 2033-34 | 2.233 |
| | Total | 503.372 |


Forest Divisional Officer,
Kamareddy.


District Forest Officer,
Kamareddy