

CA SCHEME FOR AN EXTENT 8.839 HA IN SY. 209, 210, 195 & 199 OF CHARAKONDA (V) & (M) OF ACHAMPET DIVISION OF NAGAKURNOOL DISTRICT IN LIEU OF DIVERSION OF 8.02 HA FOREST LAND FOR REGULARIZATION OF LAYING OF RAILWAY LINE IN FAVOR OF M/S DECCAN CEMENTS LIMITED.

1) Introduction of the Scheme:-

M/s Deccan Cement Limited has submitted proposals in Form-A for diversion of 8.02 Ha Forest area in Saidulnama RF of Suryapeta Division for establishing part of the railway siding and associated activities and other permanent structures in Suryapet District.

As per the instructions of Prl. Chief Conservator of Forests (HoFF), TS, Hyderabad vide Rc.No.5344/2021/FCA-4, dt.08.04.2021, the non-forest land to an extent of 8.839 Ha was identified in Sy.No. 209, 210, 195 & 199 in Charakonda (V) & (M) of Nagarkurnool District. The survey number wise details are as follows.

Sl. No.	Mandal	Village	Sy. No.	Extent of land Handed over for CA In Ha
1	Charakonda	Charakonda	209 & 210	5.724
2	Charakonda	Charakonda	195 & 199	3.115
		TOTAL:		8.839

The area of **8.839 Ha** of Non-forest land has to be taken over by the Forest Range Officer, Nagarkurnool from the Chief Manager, Deccan Cements Limited, Hyderabad

2) Suitability of the Area: -

Non-forest land of **8.02 Ha** is mainly plain area with light salinity which is suitable for planting and SMC works to be taken up are Percolation Tanks / Check dams/ Rock fill dams, Drilling of Borewell, Staggered trenches, Construction of Saucer pits and also erection of chain link fence along the periphery of the CA area to protect the area.

3) Areas identified for Compensatory Afforestation and species.

Keeping the suitability and management point in view, it is proposed to raise miscellaneous species like Marri, Juvvi, Vepa, Raavi through Semi Mechanical Method in 8.02 ha with an Espacement of 3m x 3m.

Sl. No.	Village	Extent of land Handed over for CA In Ha	Proposed planting area ha
1	Charakonda	Charakonda	8.02

4) Planting Technique:-

The plantation under this scheme is proposed to be raised by adopting Semi Mechanical Method (SMM) – Advance works like clearance of planting points with digging of 1 Sq. meter pit and applying imported soil with vermi-compost and gypsum for Miscellaneous species plantations will be taken up.

Basal dressing with super phosphate will be done to boost up the root system, two weeding and two soil workings will be provided. The plantation will be provided with a watcher up to 10 years maintenance of plantations and peripheral chain link fence will be taken up before the planting activity. The entire area of C.A will be planted 2024-25 and from 2025-26 to 2034-35 (10) years, will be maintained.

5) Scheme Implementation Agency: -

The Forest Divisional Officer, Achampet Division will be the project implementation and monitoring agency and works will be taken up through concerned Forest Range Officer.

Raising of successful C.A. Plantation requires frequent inspections and close monitoring by the Forest Range Officer and Senior Officers.

6) Monitoring Mechanism: -

The Forest Divisional Officer, Achampet, District Forest Officer, Nagarkurnool and Chief Conservator of Forests / Field Director, Amrabad Tiger Reserve, Achampet will be closely monitoring the implementation of C.A. scheme by regular inspection and ensuing maintenance of connected records like plantation journals, Cash books, work register, Measurement books & Asset Register etc., Monthly Progress of planting and maintenance along with expenditure will be submitted to the Prl. Chief Conservator of Forests (HoFF), Telangana, Hyderabad. Other Senior officers of Forest Department of Telangana and Chief Conservator of Forests (Central), Chennai will also be monitoring the implementation of C.A. scheme.

7) Period of the scheme: -

Period of the scheme is for **(12) years** which include Advance works and raising of plantations and (10) years of maintenance commencing from 2025-26 to 2034-35.

8) Cost Structure: -

The cost of the scheme is worked out adopting present F.S.R of 2020-21 and wage structure of Rs. 418/- per day (as approved by the District Collector, Nagarkurnool). The total year wise cost structure of the project Rs. **8.02** Ha. The details of requirement of funds and year wise action plan are enclosed. Unit costs of different planting techniques are enclosed per kind perusal. The Abstract of the scheme is as follows:

DETAILED ABSTARCT OF CA SCHEME

Sl. No	Item of Work	Unit	Phy	Fin (Rs.in Lakhs)
1	2	3	44	46
	NON-FOREST LAND (NFL) (8.02 Ha)			
A	Nursery activities (Including causalities)			
1	Raising of Primary beds	Plant	14500	0.06034
2	Raising of Bag Plants of 6"x8"	Plant	14500	0.95794
3	Maintenance of Bag Plants of 6"x8"	Plant	14500	0.42260
4	Conversion of bag plants from 6"x8" to 9"x11"	Plant	14500	2.88262
5	Maintenance of Bag Plants of 9"x11"	Plant	14500	3.08395

	Sub Total:			7.40746
B	Planting activities (SMM) - (3m x3m)			
1	Advance Operations	Ha	8.02	3.96516
2	Raising of Plantation	Ha	8.02	11.36591
3	1st Year Maintenance	Ha	8.02	3.43842
4	2nd Year Maintenance	Ha	8.02	2.71713
5	3rd Year Maintenance	Ha	8.02	1.87120
6	4th Year Maintenance	Ha	8.02	2.05832
7	5th Year Maintenance	Ha	8.02	1.31618
8	6th Year Maintenance	Ha	8.02	0.34667
9	7th Year Maintenance	Ha	8.02	1.67209
10	8th Year Maintenance	Ha	8.02	0.41947
11	9th Year Maintenance	Ha	8.02	1.93161
12	10th Year Maintenance	Ha	8.02	0.50756
	Sub Total:			31.60974
C	Forest Protection & SMC works			
15	Construction of Mini Percolation Tanks	No	1.00	1.33100
16	Saucer pits	Nos	4.00	0.79860
17	Filling of water into saucer pits	Nos	4	2.84625
18	Staggered trenches	cum	1000	4.37021
19	Chain-link fencing with Gare	km	2.5	83.18750
20	Construction of boundary pillars	No's		5.32400
21	Publicity, awareness and trainings			1.00000
22	Drilling of Bore Well along with Solar Pump at plantation site	LS		7.00000
21	Procurement of vehicle for monitoring CA and maintenance	LS	1	25.20000
	Sub Total:			131.05755
D	Administrative Cost - 10% over core Activities			14.38748
	Total			184.46223


 Forest Divisional Officer
 Achampet.