

- 303 -

629

211
2815GOVERNMENT OF TELANGANA
FOREST DEPARTMENT

From:
Dr. G. Ramalingam, I.F.S.,
Chief Conservator of Forests,
Adilabad Circle, Adilabad.

To
The Prl. Chief Conservator of Forests,
(Head of Forest Force)
Telangana State,
"Aranya Bhavan" Saifabad,
HYDERABAD.

Re.No. 486/2021/M6, dt.10.05.2021.

Madam,

Sub :- TSFD-F(C) Act, 1980- DPRE, Adilabad District - PMGSY Phase-XII - Diversion of forest land for (18) roads projects in various Districts of Telangana State under PMGSY scheme of Panchayath Raj Department - DGPS survey conducted for Non forest land for CA & DGPS Raw Data verified and authenticated -CA scheme for Non forest land (NFL) in Sy. No.86 of Girgaon village of Tamsi Mandal for 59.468 Ha of Adilabad Division and Development of 50 Ha degraded forest land (DFL) in Adilabad Division of Adilabad District - **CA scheme submitted** - Regarding.

Ref:- 1. Prl. CCF, TS Hyderabad Rc.No.7365/2020/FCA-2, Dated: 19.03.2021.
2.D.F.O. Adilabad Rc.No.590/2021-S8, dt.05.05.2021.

In compliance with the instructions issued in the reference 1st cited, I am submitting herewith, the CA scheme for Non Forest Land for 59.468 ha in Sy No.86 of Girgaon village of Tamsi Mandal of Adilabad division and CA Scheme for Development of Degraded Forest Land for 50 ha in compartment No 243 of Mavala Beat and compartment No.248 Adilabad Beat of Adilabad section of Adilabad Range of Adilabad Division in lieu of diversion of forest land for (18) roads projects in various divisions under in favour of Panchyath Raj Department submitted by the District Forest Officer, Adilabad vide reference 2nd cited, the details are as follows:-

Sl No	Name of the Scheme	Area in Ha	Amount in Lakhs
1	CA scheme for Non forest land of 59.468 ha in Sy no 86 of Girgaon village of Tamsi Mandal of Adilabad division.	59.468 ha	518.56
2	CA scheme for Development of Degraded Land for 50 ha compartment No 243 of Mavala Beat and compartment No.248 Adilabad Beat of Adilabad section of Adilabad Range of Adilabad Division	50.00 ha	297.62
	Total Amount		816.18

This is submitted for favour of kind information and necessary action.

Yours faithfully,

Encl: (25 sets)

Sd/-Chief Conservator of Forests,
Adilabad Circle, Adilabad.

Copy to the District Forest Officer, Adilabad for information.
Copy to the District Panchayat Raj Engineer, Adilabad for information and necessary action.
Copy to the Forest Divisional Officer, Adilabad for information.

Sd/-Chief Conservator of Forests,
Adilabad Circle, Adilabad.

//::T.C.B.O:://

Saroja
MANAGER

4
10/5

CA SCHEME

CA scheme for Non Forest Land (NFL) for 59.468 Ha in Sy.No. 86 of Girgaon village of Tamsi Mandal of Adilabad Division and Development of Degraded Forest Land (DFL) for 50.00 Ha in Division in lieu of Diversion of Forest land for (18) roads projects in Echoda & Utnoor(FDPT)Divisions of Adilabad District and Asifabad & Kagaznagar Divisions of KB-Asifabad District and Bellampally Division of Mancherial District under PMGSY Scheme of Panchayath Raj Department.

A) Detail of Compensatory Afforestation land(NFL)

Area: 59.468 Ha

Sy.No: 86

Village: Girgaon, Mandal: Tamsi

Range: Adilabad, Division: Adilabad

District :Adilabad, Circle : Adilabad

B) Detail of Degrade Forest Land (DFL):

Area: 50.00 Ha

**Compt. No.243 of Beat: Mavala, Section:Adilabad
&Compt. No.248 of Beat :Adilabad, Section:Adilabad**

Range: Adilabad, Division: Adilabad

District: Adilabad, Circle : Adilabad

CA scheme for Non Forest Land (NFL) for 59.468 Ha in Sy.No. 86 of Girgaon village of Tamsi Mandal of Adilabad Ragne of Adilabad Division and Development of Degraded Forest Land (DFL) for 50.00Ha in Division in lieu of Diversion of Forest land for (18) roads projects in Echoda & Utnoor(FDPT) Divisions of Adilabad District and Asifabad & Kagaznagar Division of KB-Asifabad District and Bellampally Division of Mancheria District under PMGSY Scheme of Panchayath Raj Department.

1.0 INTRODUCTION:

The Principal Chief Conservator of Forests, (HoFF) Telangana, Hyderabad vide Rc.No.7365/2020/FCA-2, Dt: 27.11.2020 has requested to prepare CA scheme over 59.468 Ha for Non-forest land in Sy.No. 86 of Girgaon village of Tamsi Mandal of Adilabad Division in lieu of Diversion of Forest land for (18) roads projects in various Divisions & Districts of Telangana State under PMGSY Scheme of Panchayath Raj Department.

Sl No	Circle	District	Division	Name of the Road Project	CA area in Ha
1	2	3	4	5	6
1	Adilabad	Adilabad	Echoda	LO 26 -PR road to Boregaon	1.82
2	Adilabad	Adilabad	Utnoor FDPT/ Echoda	LO 39 - Kuntala K to Mathurathanda	5.24
3	Adilabad	Adilabad	Utnoor FDPT	MRL02-PWD Road at Mediguda to Maregaon via Kothapally G, Kunikasa, Paraswada.	4.847
4	Adilabad	Adilabad	Utnoor FDPT	LO 52 - PR Road to Thummalpathad	1.81
5	Adilabad	Adilabad	Utnoor(FDPT)	LO 54 -PR road to Lachampur B	2.12
6	Adilabad	Adilabad	Utnoor(FDPT)	T02- Muthnoor to Pakkernaikthanda (Chimangudi)	1.00
7	Adilabad	Adilabad	Utnoor(FDPT)	L049- PR road to Dharmasagar	1.00
8	Adilabad	Adilabad	Utnoor(FDPT)	T02- Muthnoor to Fakheernaikthanda of Sirkonda Mandal	6.3099
9	Adilabad	Adilabad	Utnoor(FDPT)	Lo 47-R/F R&B Road to Morriguda	1.59
10	Adilabad	Asifabad	Kagaznagar	R&B road to Oatpally	2.79
11	Adilabad	Asifabad	Kagaznagar	Karjelly to Motlaguda	4.848
12	Adilabad & Kawal TR	Asifabad & Mancheria	Asifabad & Bellampally	BT Road from R&B Road to Chinnagudipet via Parvathipet in Dahegaon Mandal	2.1004
13	Adilabad	Asifabad	Asifabad	Bejjur to Somini	4.11
14	Adilabad	Asifabad	Asifabad	BT Road from "R/F PWD Road to Jhaduguda" (PWD Road to Kishan Thanda)	4.1083
15	Adilabad	Asifabad	Asifabad	High Level Bridge from Kethini to Dimda	1
16	Adilabad	Asifabad	Asifabad	ZP Road from 9/4 to Naguguda of Tiryani Mandal	4.30
17	Adilabad	Asifabad	Kagaznagar	Etiguda to Agerguda(Karjelly to Motlaguda)	7.418
18	Adilabad	Asifabad	Kagaznagar	Etiguda to Talai	3.0564
				Total	59.468

Accordingly, the identified non-forest land of 59.468 Ha in Sy.No. 86 of Girgaon village of Tamsi Mandal for the purpose of CA has been inspected with User Agency by the under signed on 27.02.2021 in the field and found that;

The Non-Forest land identified in Sy.No. 86 of Girgaon village of Tamsi Mandal of Adilabad Range is adjacent to Ambadi R.F. and is at distance of 2.00 Kms from Tamsi R.F. The land is free from encroachments. It is classified as Non-Forest in village records. The land is in a compact block and in close proximity of Reserve Forest area of Ambadi of Maharashtra State. The 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 0.4 to 0.6 density with good vegetation and is a hillock with rocky terrain, hence not found suitable for raising of CA Plantation in such land.

In view of the above, Handbook of guidelines for effective and transparent implementation of the provisions of Forest (Conservation) Act, 1980 vide Govt. of India vide GOI, MoEF New Delhi F. No. 5-2/2017- FC, Dt: 28.03.2019 in chapter-2 for Compensatory Afforestation (CA) in 2.4 clarifications is as follows.

- (v) Any non-forest land for the purpose of Compensatory Afforestation (CA), selected by the State Government, in lieu of forest land to be diverted may be accepted by MoEF&CC irrespective of crown density. All such lands shall be mutated in favour of State forest department and declared as protected forest prior to stage I approval.
- (vi) State government shall prepare a CA scheme with 1000 plants per ha for all such non-forest lands. In case it is not possible to raise plantation at the rate of 1000 plants per ha on the selected non-forest land, then the balance plants shall be planted on degraded forest land as per working plan prescriptions. All forest lands which have crown density below 40 percent should only be treated as degraded forest land for the purpose of CA.
- (vii) Any degraded forest land for the purpose of CA, selected by State Government may be accepted by MoEF&CC only if the crown density of the area is below 40 percent.

Since the identified non-forest land is having good vegetation and is a hillock with rocky terrain, could not be taken up for planting activity and hence it is proposed to raise the CA Plantation in the Degraded Forest Land with 1000 plants per ha in Compt. No. 243 of Mavala Beat of Adilabad Section & Compt. No. 248 of Beat of Adilabad Section of Adilabad Range of Adilabad Division falling in Mavala R.F. However the identified non-forest land to an extent of 59.468 Ha is proposed to be protected by erecting chain link fencing, boundary pillars and SMC works i.e., SCTs etc., and by taking up cultural operations and fire management works.

- 1) **Compensatory Afforestation:** It is proposed to raise CA in the area to be taken over from Revenue Authorities i.e. the Government land in 59.468 Ha. The area is having slopes for which Protection and SMC works like, RFDs and CCTs are proposed. The proposals have been prepared to take up under ANR method, Coppicing and Singling of the existing valuable species like long rotation high

value timber species and the details of Compensatory Afforestation scheme proposals are as follows.

Degraded Forest Land Area:

SL No	Division	Compt. No	Beat	Section	Range	Total Area Ha.	Name of the RF
1	Adilabad	243	Mavala	Adilabad	Adilabad	45.00	Mavala
2	Adilabad	248	Adilabad	Adilabad	Adilabad	15.00	Mavala

The proposals have been prepared with a cost of **Rs.297.66/- lakhs.** The year wise scheme proposals are annexed.

This scheme will be monitored through the machinery of Forest Department at various levels.

The Compensatory Afforestation scheme is prepared over an area of 59.468 Ha Non-Forest Land and 50.00 Ha of Degraded Forest Land basing on the Forest Schedule of Rates for the year 2020-21 of Zone-II with an escalation of 10% for 2021-22 and with an annual escalation of 10% for the subsequent years, provided the funds are to be deposited and released during the year 2021-22.

SI No	Year	Forestry Works
1	2021-22	41.109
2	2022-23	63.578
3	2023-24	90.163
4	2024-25	24.413
5	2025-26	20.261
6	2026-27	20.841
7	2027-28	16.369
8	2028-29	3.35
9	2029-30	3.034
10	2030-31	3.891
11	2031-32	3.51
12	2032-33	3.784
13	2033-34	3.315
	Total	297.618

Or 297.62 lakhs

2.0 AIMS AND OBJECTIVES:

The objectives of the scheme are as follows.

- 2.1 To create small timber and fuel wood resources to meet the needs of the local public.
- 2.2 To reduce pressure on the already depleted resource requirements of small timber, fuel and fodder of local tribal people.
- 2.3 To fulfill broader objective of sustainable environmental conservation for the general good of the people.

To fulfill the above objectives, it is proposed to take-up the Afforestation over an area which is equivalent to the area proposed for diversion for non-forestry purpose. Non-forest area of 59.468 Ha to be taken up under ANR and other forestry operation

Forest area of 50.00 Ha is identified for CA. The plantations in 50.00 Ha DFL will be taken-up with the species like Teak, Gummadi Teak, Nalla Maddi, Somi, Narepa, Rose Wood etc., and with fuel wood, fodder and locally suitable NTFP species.

3.0 ELEMENTS OF THE PROJECT

3.1. Details of the lands identified for raising Compensatory Afforestation are as follows.

Non Forest Land Area:

Sl. No.	Division	Range	Mandal	Village & Sy.No	Near RF	Near Compt. No.	Area proposed in Ha.
1	Adilabad	Adilabad	Tamsi	Girgaon & 86	Tamsi	227	59.468

Degraded Forest Land Area:

SL No	Division	Compt. No	Beat	Section	Range	Total Area Ha.	Name of the RF
1	Adilabad	243	Mavala	Adilabad	Adilabad	45.00	Mavala
2	Adilabad	248	Adilabad	Adilabad	Adilabad	15.00	Mavala

3.2 NAME OF THE SCHEME

Compensatory Afforestation scheme over 59.468 Ha. of non forest land in Sy.No.86 of Girgaon Village, Tamsi Mandal, Adilabad Division of Adilabad District in lieu of Diversion of Forest land for (18) roads projects in Echoda & Utnoor(FDPT) Divisions of Adilabad District and Asifabad & Kagaznagar Division of KB-Asifabad District and Bellampally Division of Mancherial District under PMGSY Scheme of Panchayath Raj Department.

3.3 SITUATION

The proposed Compensatory Afforestation area is situated adjacent to the RF Block Tamsi, near Compt. No. 227 of Adilabad Range, Tamsi Mandal of Adilabad Division and not fit for raising of CA Plantations, hence a degraded forest land to an extent of 50.00 Ha is identified for taking up plantation with 3mx3m espacement in Compt. No. 243 of Mavala Beat and Compt. No. 248 of Adilabad Beat of Adilabad Section of Adilabad Range of Adilabad Division of Mavala RF.

3.4 GEOLOGY

The geology of the area proposed for Compensatory Afforestation is Gondwana formation supporting mixed forests.

3.5 SOIL

The soil of the area proposed for Compensatory Afforestation is Rocky and morram soil and the land is slopy and undulating mostly having slopes and hillocks.

3.6 CLIMATE :

The climate is fairly dry with very hot summer and cool winters. During summer, the temperature rises up to 47⁰ Centigrade. Summer and winter are separated by prolonged rainy season. The area is served by South-West Monsoon. However Cyclonic rains are common during October - December.

3.7 RAINFALL :

Rainfall is mostly from the Southwest monsoon, Cyclonic rains during October-December is quite common. Average annual rainfall is 1051 mm.

3.8 EXISTING VEGETATION:

The NFL area is having good vegetation with miscellaneous and forest species about 0.4 to 0.6 density

3.9 AGENCY RESPONSIBLE FOR AFFORESTATION:

The afforestation programme will be implemented by the Telangana Forest Department through the Forest Divisional Officer, Adilabad.

3.10 DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION

The details of work schedule proposed for compensatory Afforestation year wise is as follows.

Year	Proposed works
2021-22	1) Purchase of Bag Plants, Conversion 2) Nursery Infrastructure 3) Maintenance of vehicles
2022-23	1) Maintenance of Nursery 2) Nursery Infrastructure 4) Protection works of NFL with Boundary pillars & Fencing with chainlink 5) Advance Operations for Plantation. 6) SMC works. 7) Construction of boundary pillars 8) Cultural Operations. 9) Digging of CPT along DFL area and SMC works 10) Nursery Infrastructure 11) Formation of New Fire Lines
2023-24	1) Raising of Plantations 2) Maintenance of Nursery & Conversion of bag plants 3) Stabilization of SCTs 4) Cultural Operations. 5) SMC works. 6) Nursery Infrastructure 7) Maintenance of New Fire Lines
2024-25	1) Maintenance of Nursery 2) 1st Year maintenance of plantation 3) Cultural Operations. 4) Maintenance of New Fire Lines
2025-26	2nd Year maintenance of plantation Maintenance of New Fire Lines
2026-27	1) 3rd Year maintenance of plantation 2) Cultural Operations. 3) Maintenance of New Fire Lines

2027-28	5th Year maintenance of plantation Maintenance of New Fire Lines
2028-29	1) 5th Year maintenance of plantation 2) Cultural Operations. Maintenance of New Fire Lines
2029-30	6th Year maintenance of plantation Maintenance of New Fire Lines
2030-31	1) 7th Year maintenance of plantation 2) Cultural Operations. Maintenance of New Fire Lines
2031-32	8th Year maintenance of plantation
2032-33	1) 9th Year maintenance of plantation 2) Cultural Operations. Maintenance of New Fire Lines
2033-34	10th Year maintenance of plantation Maintenance of New Fire Lines

3.11 COST STRUCTURE:

A Compensatory Afforestation scheme for **Rs. 518.56/-** is prepared. The year wise expenditure will be as hereunder.

Sl No	Year	Forestry Works
1	2021-22	41.837
2	2022-23	282.694
3	2023-24	80.834
4	2024-25	23.906
5	2025-26	10.434
6	2026-27	10.638
7	2027-28	8.074
8	2028-29	9.326
9	2029-30	7.196
10	2030-31	10.880
11	2031-32	9.159
12	2032-33	12.902
13	2033-34	10.670
	Total	518.554

Or 518.56

This scheme will be monitored through the machinery of Forest Department at various levels.

4.0 SCHEME COMPONENT:

The area identified for Compensatory Afforestation is a hillock with rocky terrain having good vegetation. It is proposed to protect the area by Chain link fence, and SMC works i.e., SCTs etc., and by taking up cultural operations and fire management works. It is also proposed to take up Afforestation planting over an area of Ha in DFL under Semi Mechanical Method in 3mx3m espacement with NTSHW species and with fuel wood, fodder and locally suitable NTFP species. The plantation would be maintained for (10) years after planting.

1568373/2022/FCASECTION PGCF
4.1 COST STRUCTURE OF PLANTATIONS :

The cost structure of Compensatory Afforestation including the cost structure for various components of raising and maintenance of planting stock and the plantation is appended

4.2 PROVISION OF FUNDS :

The funds for the Compensatory Afforestation have to be deposited by the user agency in favour of Telangana Forest Department by following due procedure through e-payment method by generating the Challan from the Ministry's web portal (www.forestsclearance.nic.in). These funds will be utilized by the Forest Divisional Officer, Adilabad for raising nurseries, plantations and their maintenance as per the detailed annual plan after obtaining the approval and funds from the competent authority.

5.0 PLANTING TARGETS AND STAFF REQUIREMENT :

The DFL area identified for the Compensatory Afforestation to an extent of 50.00 Ha of Adilabad Division, the details as follows.

SL No	Division	Compt. No	Beat	Section	Range	Total Area Ha.	Name of the RF
1	Adilabad	243	Mavala	Adilabad	Adilabad	45.00	Mavala
2	Adilabad	248	Adilabad	Adilabad	Adilabad	15.00	Mavala

5.1 OFFICE EXPENSES AND CONTINGENCIES RECURRING:

The amount proposed towards office expenses, contingent expenses are appended

5.2 CAPITAL EXPENDITURE NON – RECURRING

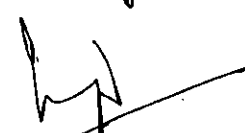
No amount is proposed towards non-recurring expenditure.

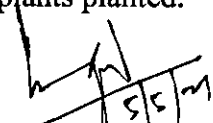
5.3 SCHEME PERIOD :

This scheme will be implemented over a period of (13) years commencing from 2021-22. The details of cash flow required for the entire project period for recurring and non recurring expenditure is furnished in annexure.

5.4 DETAILS OF PROPOSED MONITORING MECHANISM:

The Forest Divisional Officer, Adilabad and District Forest Officer, Adilabad & the Conservator of Forests, Adilabad Circle, Adilabad shall monitor the implementation of the conditions of Compensatory Afforestation and the survival of the plants planted.

"Counter signed"

 District Forest Officer,
 ADILABAD.


 Forest Divisional Officer,
 Adilabad
 5/5/2021

Year-wise detailed Abstract of CA scheme for Non Forest Land (NFL) for 59.468 Ha (Part) in Sy.No. 86 of Girgaon village of Tamsi Mandal of Adilabad Division in lieu of Diversion of Forest land for (18) Road projects in Echoda, Uttoor FDPT Divisions of Adilabad District and Asifabad, Kagaznagar Divisions of KB- Asifabad District under PMGSY Scheme of Panchayath Raj Department.

Sl. No	Item of Work	Phy	Unit Cost 2020-21(Rs.)	2021-22			2022-23			2023 - 24			2024 - 25			2025 - 26			2026 - 27			2027 - 28		
				Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
1	2			12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
I	Nursery activities (LIM)																							
1	Raising of Primary beds	Plant	0.3397	50000	0.37372	0.18686	5000	0.411093	0.02055															
2	Raising of Bag Plants of 4"x7" for SCTs	Plant	4.0199	50000	4.42194	2.21097	5000	4.864139	0.24321															
3	Maintenance of Bag Plants of 4"x7" for SCTs	Plant	0.9434		1.03775		50000	1.14153	0.57076	5000	1.2557	0.06278												
4	Conversion of bag plants from 4"x7" to 6"x12" for SCTs	Plant	6.7631		7.43941		50000	8.18335	4.09167	5000	9.0017	0.45008												
5	Maintenance of Bag Plants of 6"x12" for SCTs	Plant	3.7994		4.17933			4.59726		50000	5.05698	2.52849	5000	5.56268	0.27813									
6	Purchase of Bag Plants of 6"x8" for LI -Gap planting	Plant	9.5900	5000	10.54900	0.52745	500	11.60390	0.05802															
7	Conversion of bag plants from 6"x8" to 9"x11" for LI -Gap	Plant	14.6831		16.15140		5000	17.76654	0.88833	500	19.5432	0.09772												
8	Maintenance of Bag Plants of 9"x11" for LI -Gap planting	Plant	2.8285		3.11138		5000	3.42252	0.17113	500	3.76477	0.01882												
Sub Total:					2.925			6.044			8.458			0.278			0.000			0.000			0.000	
II	Planting activities (LIM)																							
9	Raising of plantation on SCTs	Ha	16827.00		18510		59.468	20360.67	12.10808															
10	Advance Operations for LI -Gap planting (4000 plants)	Ha	65724	0.00		0.00000	59.47	79526.04	7.95260															
11	Raising of plantation for LI -Gap planting (4000 plants)	Ha	38252				0.00	46284.77	0.00000	59.47	50913.25	5.09133												
12	1st Year Maintenance for LI -Gap planting (4000 plants)	Ha	34989							0.00	46570.72	0.00000	59.47	51227.79	5.12278									
13	2nd Year Maintenance for LI -Gap planting (4000 plants)	Ha	15263										0.00	22346.95	0.00000	59.47	24581.65	2.45816						
14	3rd Year Maintenance for LI -Gap planting (4000 plants)	Ha	7908													0.00	12736.35	0.00000	59.47	14009.98	1.40100			
15	4th Year Maintenance for LI -Gap planting (4000 plants)	Ha	6682																0.00	11838.05	0.00000	59.47	13021.85	1.30219
16	5th Year Maintenance for LI -Gap planting (4000 plants)	Ha	3730																			0.00	7269.24	0.00000
17	6th Year Maintenance for LI -Gap planting (4000 plants)	Ha	1105																					
18	7th Year Maintenance for LI -Gap planting (4000 plants)	Ha	3233																					

[illegible]

Sl. No	Item of Work	Phy	Unit Cost 2020-21(Rs.)	2021-22			2022-23			2023 - 24			2024 - 25			2025 - 26			2026 - 27			2027 - 28		
				Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
1	2			12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
19	8th Year Maintenance for LI -Gap planting (4000 plants)	Ha	1105																					
20	9th Year Maintenance for LI -Gap planting (4000 plants)	Ha	3233																					
21	10th Year Maintenance for LI -Gap planting (4000 plants)	Ha	1105																					
Sub Total:						0.00000			20.06069			5.09133			5.12278			2.45816			1.40100			1.30219
III	SMC Works																							
22	Staggered trenches	cum	328.34		361.17	0.00000	3010	397.29	11.95847		437.02	0.00000												
23	RFDs	No	15000		16500		100.00	18150	18.1500	100.00	19965.00	19.96500												
24	Construction of Check Dams	No	600000		660000		1	726000	7.2600	1	798600.00	7.98600												
25	Construction of Percolation Tanks	No	200000		220000		2	242000.00	4.84000	2	266200.00	5.32400												
26	Construction of Mini Percolation Tanks	No	50000		55000		3	60500.00	1.81500	2	66550.00	1.33100												
27	Construction of Percolation Tank with Solar bore well	No	800000		880000	0.0000	1	968000.00	9.68000															
Sub Total:						0.0000			53.7035			34.6060												
IV	Cultural Operations																							
28	Singling and Coppicing to existing growth	Ha	1463.28		1609.608		59.468	1771	1.0529		1947.63		59.47	2142.39	1.27404		2356.63		59.47	2592.29	1.54158		2851.52	
31	Procurement of Fire Fighting equipments etc.,	LS				1.30						1.30						0.65000						0.65000
Sub Total:						1.50000			1.05292			1.30000			1.27404			0.65000			1.54158			0.65000
V	Protection																							
32	Construction of boundary pillars @20 m Interval	No's	10000		11000.00	0.00000	100	12100.00	12.10000	120	13310.00	15.97200												
33	Erection of Chain Link Fencing	km	2200000		2420000.00	0.00000	4.50	2662000.00	119.79000															
34	Construction of Protection hut	No	700000		770000.00	0.00000	1	847000.00	8.47000															
35	Base camp (Members)	No	900000				1	900000.00	9.00000	1.00	900000.00	9.00000	1.00	900000.00	9.00000									
Sub Total:						0.00000			149.56000			24.97200			9.00000			0.00000			0.00000			0.00000

1568373/2022/FCA SECTION-PCCF

Sl. No	Item of Work	Phy	Unit Cost 2020-21(Rs.)	2021-22			2022-23			2023 - 24			2024 - 25			2025 - 26			2026 - 27			2027 - 28		
				Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
1	2			12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
VI	Misc - Infrastructure & Admin. Charges																							
36	Drilling of Bore well including Solar Pump set and laying of pipe line and providing over head tank etc.,	LS					1	800000.00	8.00000															
37	Monitoring and Awareness - Publicity	LS													2.00000			2.00000			2.00000			
38	Engaging Retired Forest Officials/Technical Assistant/DEO for the project period	1	240000	1	264000.00	2.64000	1	290400.00	2.90400	1	319440.00	3.19440	1	351384.00	3.51384	1	386522.40	3.86522	1	425174.64	4.25175	1	467692.10	4.67692
39	Purchase of Vehicle for monitoring the project for entire period and maintenace					23.00			0.50000			0.50000			0.60000			0.60000			0.60000			0.70000
40	Formation of Forest road	Km	80000		88000		10	96800	9.68		106480													
41	Nursery Infrastructure	LS				10.00000			5.00000															
42	Improvements / Maintenance of Offices	LS				0.50000			1.00000			1.000			0.50000			0.50000			0.50000			0.50000
	Sub Total:					36.14000			27.08400			4.69440			6.61384			6.96522			7.35175			5.87692
	Total					40.96528			257.30475			73.82163			22.28879			10.07339			10.29433			7.82911
VII	Administrative cost 10% over core activities					1.47253			25.39008			7.01272			1.61749			0.36082			0.34426			0.24522
	Grand Total					41.83781			282.69483			80.83435			23.90628			10.43421			10.63859			8.07432

Sl. No	Item of Work	2028 - 29			2029 - 30			2030 - 31			2031 - 32			2032 - 33			2033 - 34			Grand Total	
		Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Fin
1	2	33	34	35	36	37	38	39	40	41	39	40	41	39	40	41	39	40	41	51	52
VI	Misc - Infrastructure & Admin. Charges																				
36	Drilling of Bore well including Solar Pump set and laying of pipe line and providing over head tank etc.,																			1.00	8.00000
37	Monitoring and Awareness - Publicity																				6.00000
38	Engaging Retired Forest Officials/Technical Assistant/DEO for the project period	1	514461.31	5.14461	1	565907.45	5.65907	1	622498.19	6.22498	1	684748.01	6.84748	1.00	753222.81	7.53223	1	828545.09	8.28545	1	64.73996
39	Purchase of Vehicle for monitoring the project for entire period and maintenance			0.70000			0.70000			0.70000			0.70000			0.70000			0.70000		30.70000
40	Formation of Forest road																				9.68000
41	Nursery Infrastructure																				15.00000
42	Improvements / Maintenance of Offices			0.50000			0.50000			0.50000			0.50000			0.50000			0.50000		7.50000
	Sub Total:			6.34461			6.85907			7.42498			8.04748			8.73223			9.48545		141.61996
	Total:			9.00954			7.31969			10.52064			9.01283			12.47797			10.51702		480.63497
VII	Administrative cost 10% over core activities			0.31649			0.07606			0.35957			0.14653			0.42457			0.15316		37.91950
	Grand Total			9.32604			7.39575			10.88021			9.15936			12.90255			10.67018		518.55447

or 518.56

Forest Divisional Officer,
Adilabad

Counter Signed
District Forest Officer,
ADILABAD.

Sl. No	Item of Work	Phy	Unit Cost 2020-21 (Rs.)	2021-22			2022-23			2023-24			2024-25			2025-26			2026-27		
				Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.In Lakhs)
1	2	3	4	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	DEGRADED FOREST LAND (DFL) (59.468 Ha)																				
A	Nursery activities																				
1	Purchase of Bag Plants of size 6"x8"	Plant	9.590	70000	10.549	7.3843	19000	11.6039	2.20474												
2	Conversion of bag plants from 6"x8" to 9"x11"	Plant	14.683	70000	16.151	11.3060	19000	17.7665	3.37564												
3	Maintenance of Bag Plants of 9"x11"	Plant	8.359		9.195		70000	11.1254	7.78776	19000	12.238	2.32520									
	Sub Total:					18.650		11.740	13.368			12.325			0.000			0.000			10.000
	Nursery Infrastructure																				
4	Nursery Infrastructure	Ls		1	LS	20.000	1	LS	6.300	1	LS	5.000			0			0	1	LS	6.0
	Sub Total:					20.000			6.300			5.000			0.000			0.000			6.000
B	Planting activities (SMM) - (3m x3m)																				
5	Advance Operations	Ha	37146				50.000	44946	22.473												
6	Raising of Plantation	Ha	97366							50.000	129594	64.797									
7	1st Year Maintenance	Ha	29497										50.000	43187	21.593						
8	2nd Year Maintenance	Ha	22128													50.00	35637	17.819			
9	3rd Year Maintenance	Ha	14554																50.00	25783	12.892
10	4th Year Maintenance	Ha	14554																		
11	5th Year Maintenance	Ha	2188																		
12	6th Year Maintenance	Ha	1746																		
13	7th Year Maintenance	Ha	2188																		
14	8th Year Maintenance	Ha	1746																		
15	9th Year Maintenance	Ha	1746																		
16	10th Year Maintenance	Ha	1746																		
	Sub Total:					0.000		12.243	22.473			64.797			21.593			17.819			12.892
C	Forest Protection																				
17	Digging of CPT (1X1.5X1 Mt) along the DFL boundries	Km	60000		66000	0.000	5.00	72600	3.630												
18	Stabilization of CPT	Km	27244		29968			32965	0.000	5.00	36262	1.813									
19	Construction of Mini Percolation Tanks	No	50000		55000		8	60500	4.840												
20	Construction of Check dams	No	600000		660000		1	726000	7.260	1	798600	7.986									
21	Maintenance of vehicles	LS			0	0															

1568373/2022/FCA SECTION-PCCF Year-wise detailed Abstract of CA scheme for Development of Degraded Forest Land (DFL) for 50 Ha in Compartment No. 243 of Mavala beat and Compartment No. 248 of Adilabad beat of Adilabad Range of Adilabad Division in lieu of Diversion of Forest land for (18) Road projects in Echoda, Uttoor FDPT Divisions of Adilabad District and Asifabad, Kagaznagar Divisions of KB-Asifabad District under PMGSY Scheme of Panchayath Raj Department.

Sl. No	Item of Work	2027-28			2028-29			2029-30			2030-31			2031-32			2032-33			2033-34			Grand Total		
		Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
1	2	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	44	45	46
	DEGRADED FOREST LAND (DFL) (59.468 Ha)																								
A	Nursery activities																								
1	Purchase of Bag Plants of size 6"x8"																						89000		9.58904
2	Conversion of bag plants from 6"x8" to 9"x11"																						89000		14.68162
3	Maintenance of Bag Plants of 9"x11"																						89000		10.11296
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			0.000			34.38362
	Nursery Infrastructure																								
4	Nursery Infrastructure																						4		37.30000
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			0.000			37.30000
B	Planting activities (SMM) - (3m x3m)																								
5	Advance Operations																						50.000		22.47312
6	Raising of Plantation																						50.000		64.79699
7	1st Year Maintenance																						50.000		21.59328
8	2nd Year Maintenance																						50.000		17.81868
9	3rd Year Maintenance																						50.000		12.89162
10	4th Year Maintenance	50.00	28362	14.181																			50.000		14.18078
11	5th Year Maintenance				50.00	4690	2.345																50.000		2.34505
12	6th Year Maintenance							50.00	4117	2.058													50.000		2.05844
13	7th Year Maintenance										50.00	5675	2.838										50.000		2.83750
14	8th Year Maintenance													50.00	4981	2.491							50.000		2.49072
15	9th Year Maintenance																50.00	5480	2.740				50.000		2.73979
16	10th Year Maintenance																			50.00	6028	3.014	50.000		3.01377
	Sub Total:			14.181			2.345			2.058			2.838			2.491			2.740	50.00		3.014			69.23973
C	Forest Protection																								
17	Digging of CPT (1X1.5X1 Mt) along the DFL boundaries																						5.00		3.63000
18	Stabilization of CPT																						5.00		1.81309
19	Construction of Mini Percolation Tanks																						8.00		4.84000
20	Construction of Check dams																						3.00		15.24600
21	Maintenance of vehicles			0.700			0.700			0.700			0.700			0.700			0.700						7.50000
	Sub Total:			0.700			0.700			0.700			0.700			0.700			0.700			0.000			33.02909
D	Administrative Cost - 10% over DFL Activities			1.488			0.305			0.276			0.354			0.319			0.344			0.301			23.66524
	Total of DFL			15.869			3.350			3.034			3.892			3.510			3.744			3.315			127.62

or
297.62 lakhs

[Signature]
Forest Divisional Officer
Adilabad