

COMPENSATORY AFFORESTATION SCHEME FOR TREATING THE NON-FOREST LAND OVER AN EXTENT OF 4.00 HA., OUT OF 5.47 HA., IDENTIFIED BY THE USER AGENCY IN LIEU OF THE FOREST LAND PROPOSED FOR DIVERSION OF 4.79 Ha. OF FOREST LAND IN COMPT. NO.205 & 215 OF PARADARAMI RF OF CHITTOOR WEST DIVISION FOR QUARRY LEASE OF BLACK GRANITE IN FAVOUR OF M/S BKR GRANITES, PILER.



In the light of the provisions contained under the Forest Conservation Act, 1980, it is mandatory to raise Compensatory Afforestation Plantation in lieu of forest area proposed to be diverted. The forest land of 4.79 ha (i.e. 3.07 Ha. for mining area +1.01 Ha. for Safety zone area +0.71 Ha. for road area) is proposed for diversion in Paradarami RF of Chittoor West Division for Quarry lease of Black Granite in favour of M/s BKR Granites, Piler. M/s BKR Granites, Piler has identified the Non-forest land towards Compensatory Afforestation over an extent of 13.51 Acres or **5.47** Ha. in Sy. Nos. 1347 & 1335 of Thummala (V) of Amadagur (M) of Ananthapur District. Out of 5.47 Ha. identified by the user agency, an area of 4.00 Ha., will be treated for Raising Compensatory Afforestation Plantation. The Prl. Chief Conservator of Forests, Andhra Pradesh, Hyderabad has requested the Divisional Forest Officer, Ananthapuram to prepare the Compensatory Afforestation scheme and furnish the scheme proposals to the Divisional Forest Officer, Chittoor (West) Division for taking further action in the matter.

AREA :-

M/s BKR Granites, Piler has identified the Non-forest land towards Compensatory Afforestation over an extent of 13.51 Acres or **5.47** Ha. in Sy. Nos. 1347 & 1335 of Thummala (V) of Amadagur (M) of Ananthapur District. Out of 5.47 Ha. identified by the user agency, an area of 4.00 Ha., forest area of extent 4.79 ha. is proposed to be diverted for quarry lease of Black Granite in favour of M/s BKR Granites, Piler in Compt. No.205 & 215 of Paradarami RF of Chittoor (West) Division, the Compensatory Afforestation is proposed for **4.00** Ha., for treatment with the funds to be deposited by the user agency towards cost of C.A. The Non-forest land proposed to be treated is suitable for raising of plantation with species like Narayepi, and Ficus species like Ravi, Marri, Red Sanders, Neem, Tapasi and Babul etc. The soil type is mostly red gravelly soil. It is also proposed to construct 15Nos., RCC boundary pillars around the Non-forest land. Digging of peripheral trench for 500 cmts is proposed. Formation of Percolation tank for (1) No. is proposed across Nala which is passing in the proposed CA area. As the area is having natural growth of Chigara, Rela, Kondatangedu,

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Narava, Bandaru and Neem species etc., hence tending and cultural operations is also proposed over an area of 2.00 ha.

OBJECTIVE :-

The main objective of the scheme is to compensate the loss due to the diversion of Forest Land and to afforest the area and protect the soil to prevent soil erosion besides encouraging ecological balance.

C.A. Area – Pit Planting Method :-

TECHNIQUE :-

It is proposed to raise the plantation by adopting the Labour Intensive Method over an extent of **4.00** Ha. i.e. excavating the 1.00 M x 1.00 M x 0.60 mt size pits with machine at 4 x 4 Mt espacement after uprootal of stumps. The dug up pits will be filled upto 0.45 mts with the dug up soil and tank silt. It is also proposed to apply tank silt @ 1 cft., per pit. Tall plants of one meter and above height raised in 8"x12" size bags will be planted. Basal dressing with Super phosphate @ 20 grams per pit and pesticides @ 10 grams per pit will be done in the pits before planting. It is also proposed to form a saucer pits on the lower side of the pits. Two soil workings and line weeding is also proposed. Watering to the plants for 3 times is also proposed. Formation of inspection paths and fire tracing operations will also to be taken up. The plantation will be maintained for (10) years after raising.

PROJECT PERIOD:-

It is proposed to implement the scheme from 2017-2018 to 2028-2029 over a period of (12) years.

FUNDING AGENCY:-

The total Financial outlay will be met by the User Agency i.e., M/s BKR Granites, Piler who will deposit the funds with the Forest Department.

EXECUTIVE AGENCY:-

The Forest Department will be the implementing Agency for this scheme.

FINANCIAL OUT LAY :-

It is estimated that for Raising of Labour Intensive Method plantation over an extent of 4.00 Ha, out of 5.47 Ha identified in Sy. Nos. 1347 &

1335 of Thummala (V) of Amadagur (M), an amount of Rs. **20.000** Lakhs is required. The User Agency i.e, M/s BKR Granites, Piler has to deposit the Compensatory Afforestation amount, which will be utilized for Raising Compensatory Afforestation plantation over **4.00** Ha., The year wise details are furnished hereunder.

Sl. No	Year	Total (Rs. in lakhs)
1	2017-18	5.871
2	2018-19	2.119
3	2019-20	3.526
4	2020-21	2.024
5	2021-22	1.943
6	2022-23	0.468
7	2023-24	0.515
8	2024-25	0.566
9	2025-26	0.623
10	2026-27	0.684
11	2027-28	0.752
12	2028-29	0.908
	Total :-	20.000

The details of Physical & Financial projections proposed Year-wise and Component wise are furnished in the statements enclosed.

NOTE: Basic rates proposed as per FSR of 2016-17 of Ananthapur Circle, and 10 % price escalation is proposed every year over the basic rates of 2016-2017.

Divisional Forest Officer,
Ananthapuram.

C.A. SCHEME FOR RAISING 4.00 Ha. PLANTATION IN NON-FOREST LAND IDENTIFIED BY M/S BKR GRANITES, PILER IN LIEU OF DIVERSION OF FOREST LAND IN CHITTOOR WEST DIVISION FOR QUARRY LEASE OF BLACK GRANITE.
(Fin: Rs. in lakhs)

Sl. No.	Description of Work	Unit	2017-18		2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		Total			
			Phy.	Fin.	Total	Fin.																								
			18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	39	40			
I	2 Labour Intensive Method	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
1	Raising of 8'x12' Bag Plant Nursery	Nos.	4000	0.528		0.000		0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.528		
2	Maint. of Nursery	Nos.	0	0	4000	0.194	0	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.194		
3	Advance Operations	Ha.	4.00	2,200	0	0.194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,200		
4	Raising of Plantation	Ha.	0	0	4.00	0.968	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.968	
5	1st year Maint. of Plantation	Ha.	0	0	0	0	4.00	0.532	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.532	
6	2nd year Maint. of Plantation	Ha.	0	0	0	0	0	0	4.00	0.586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.586	
7	3rd year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	4.00	0.387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.387	
8	4th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	4.00	0.425	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.425	
9	5th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	0	4.00	0.468	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.468	
10	6th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	0	0	4.00	0.514	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.514
11	7th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	0	0	0	4.00	0.566	0	0	0	0	0	0	0	0	0	0	0	0	0	0.566
12	8th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	0	0	0	0	4.00	0.622	0	0	0	0	0	0	0	0	0	0	0	0	0.622
13	9th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.00	0.684	0	0	0	0	0	0	0	0	0	0.684		
14	10th year Maint. of Plantation	Ha.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.00	0.753	0	0	0	0	0	0	0	0	0.753		
	Sub Total :-		4.00	2,728	4.00	1.162	4.00	0.532	4.00	0.586	4.00	0.387	4.00	0.425	4.00	0.468	4.00	0.514	4.00	0.566	4.00	0.622	4.00	0.684	4.00	0.753	4.00	9.427		
II	Construction of Boundary Pillars	Nos.	15.00	1,500	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	20.00	1,500		
III	Digging of Pepherial trench	Cmt.	500.00	1.067	0.00	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	500	1.067	
IV	Formation of Percolation tank	No.	0.00	0.000	0.00	0.000	1	1.500	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1.500	
V	Tending and cultural operations to natural growth	Ha.	2.00	0.042	0.00	0.000	2.00	0.051	0.00	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	
VI	Wages to Plantation watcher	Nos.	1.00	0.000	1.00	0.842	1.00	1.234	1.00	1.380	1.00	1.518	0.00	0.000	--	0.000	--	0.000	--	0.000	--	0.000	--	0.000	--	0.000	--	0.000	1.00	4.974
III	Propulsion Charges/Communication Charges & Contingencies etc..		-	0.534	-	0.116		0.208	-	0.059	-	0.039	-	0.043	-	0.047	-	0.051	-	0.057	-	0.062	-	0.068	-	0.155	-	1.438		
	Total :			5.871		2.119		3.526		2.024		1.943		0.468		0.515		0.566		0.623		0.684		0.752		0.908		20.000		

Divisional Forest Officer,
Ananthapuramu

27/07/16

A. Scheme proposals- 16-17-BKR

BKR granites

Abstract

12000.00
4000.00
16000.00

Raising of Nursery

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