

**CHECK LIST SERIAL NUMBER: B PART-II (6)**

**Full Title of the Project:** Diversion of forest land to an extent of 118.725 Ha in Guntur-7.480 Ha, Giddalur-14.020 Ha, and Nellore - 97.225 Ha Forest Divisions in favour of South Central Railway, Secunderabad for Construction of New Broad Gauge Railway line between Nadikudi to Srikalahasti-Degraded forest area for raising of Compensatory Afforestation - Regarding

**File No. :** PCCF's A.P., Hyderabad Ref.No.18177/2015-FCA-1,

**Date of Instructions:** 26-03-2016

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detail scheme for Compensatory Afforestation to be carried out in degraded RF area an extent of 238 Ha in lieu of 118.725 Ha. of forest area to be diverted in Guntur, Giddalur and Nellore forest divisions of Guntur Circle for construction new Broad Gauge Railway line between Nadikudi to Srikalahasti in favour of South Central Railway, Secunderabad.

**1. Details of degraded forest land:-**

Sl. No.	Name of the individual	Name of the RF/ Range	Sy.No./ Compt.No.	Extent in Ha.
1	Construction of B.G. Railway line between Nadikudi to Srikalahasti in favour of South Central Railway, Sec'bad.	Inimerla RF/ Kanigiri Range	432 &439	139.69
2		Punugodu RF/ Kanigiri Range	452	101.415
		<b>Total</b>		<b>241.105 Ha or 238.00 Ha</b>

1	Name of Forest Division	Giddalur,
	Range	Kanigiri
	Block/Compartment/Survey No	Inimerla RF Compt.no.432& 439 and Punugodu RF, Compt.452 Area to be afforested: 283.00 Ha.
2	<b>Description of Area</b>	
I	whether the site selected for Compensatory Afforestation is a land bank or not	No
II	If the CA site is other than the land bank, reasons be given	Reserve Forest Land
III	In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	Does not arise (the degraded RF area is identified for raising CA)
IV	Soil type	Red Loamy
V	Topography:	
	(a) Hilly/Undulating/Plain	Plain
	(b) Slope: Steep/Medium/Gentle:	Gentle
VI	Whether the area is bearing any root stock of vegetation	Canopy density is below 0.4
3	<b>Plantation Model:-</b>	
	Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed	Enclosed

#### 4. Schedule of Plantation Programme :-

Detail of year wise break up of requirements of funds is as under:-

Sl. No.	Name of the Works	Quantity in Ha/ Rmt	Unit Cost	Amount (in Lakhs)
I	<b>Plantations</b>			
1	Raising of Primary beds & Raising of nursery	238	0.1245	29.632
2	Advance operations	238	0.3355	79.849
3	Raising of plantations	238	0.5108	121.567
4	Maintenance of Nursery (for planting & replacement causalities in raising year)	238	0.0800	19.032
5	Raising of nursery for Causalities in 1st year maint. (238 ha x 278 nos=66164 nos)	238	0.0286	6.798
6	1st year maintenance	238	0.2723	64.818
7	Maintenance of Nursery (for Causalities in 1st year maint.)	238	0.0183	4.366
8	2nd year maintenance	238	0.2329	55.433
9	3rd year maintenance	238	0.2562	60.976
10	4th year maintenance	238	0.1412	33.615
11	5th year maintenance	238	0.1554	36.980
12	6th year maintenance	238	0.1709	40.679
13	7th year maintenance	238	0.1880	44.746
	<b>Sub -Total</b>			<b>598.489</b>



II	Chain Link Fencing			
1	Erection of Chain link fencing around the plantations	15190	0.0193	292.93
2	Maintenance of Chain link fencing (for 7 years)	238	--	1.381
	<b>Sub- Total</b>			205.266
	<b>Total cost of Plantation</b>			798.212
III	SMC Works (15%of the total planting Cost)	238	--	134.005
	<b>Sub- Total</b>			134.005
IV	Monitoring and Evaluation 5% of the total planting Cost	238	--	44.668
V	Administrative Cost @ 10% of the total planting Cost)	238	--	89.337
	For Rounded			0.623
	<b>Grand Total:</b>			1162.00

#### 5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

a)	General Details:	The afforestation and maintenance will be done in a span of 9 year 2016-17 to 2014-25 with implementing agency of DFO (I), Giddalur.
b)	Spacing	3 Mts x3 Mts
c)	Species	Miscellaneous ( i.e., Narepi, Chinduga, Tellamaddi, Neem, Neredu)
d)	Plantation Method	SMM (Semi Mechanical Method)
e)	Soil and Moisture Conservation Works	Staggered Trenches, CCTs and Vegetative measures
f)	Protection (Fencing, Watch man, People's Participation etc.):	Fencing with 7 years maintenance
g)	Proposed Monitoring Mechanism	--
h)	Any other information	The proposed degraded RF area an extent of 238.00 Ha is suitable for Compensatory Afforestation which is situated in above mentioned table Kanigiri Range of Giddalur Division. Hence proposed Degraded RF area for CA may be accepted

  
Divisional Forests Officer  
Giddalur