

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

Full Title of the Project: Diversion of forest land to an extent of 9.33 Ha in Giddalur Forest Division for Up-gradation of NH-167 B from Km.99/103 to Km.191/050 i.e., CS Puram to Singarayakonda to two lines with paved shoulders under NHDP -IV in the State of Andhra Pradesh is passing through Compt. No.437 of Botlaguduru RF, Compt.No.430 of Bodawada RF and Compt.No.412 of Malakonda RF of Kanigiri Range of Giddalur Division in favour of the Executive Engineer (R&B) NH Division, Kadapa - Degraded forest area for raising of Compensatory Afforestation - Regarding

File No. : PCCF's A.P., Guntur Ref.No.4948/2016-FCA-3,

Date of Instructions: 06-12-2017

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in degraded RF area an extent of 18.66 Ha in lieu of 9.33 Ha. of forest area to be Diverted in Giddalur Forest Division of Guntur Circle for Up-gradation of NH-167 B from Km.99/103 to Km.191/050 ie., CS Puram to Singarayakonda to two lines with paved shoulders under NHDP -IV in the State of Andhra Pradesh is passing through Compt. No.437 of Botlaguduru RF, Compt.No.430 of Bodawada RF and Compt.No.412 of Malakonda RF of Kanigiri Range of Giddalur Division in favour of the Executive Engineer (R&B) NH Division, Kadapa.

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	Up-gradation of NH-167 B from Km.99/103 to Km.191/050 i.e., CS Puram to Singarayakonda to two lines with paved shoulders under NHDP -IV in the State of Andhra Pradesh is passing through Compt. No.437 of Botlaguduru RF, Compt.No.430 of Bodawada RF and Compt.No.412 of Malakonda RF of Kanigiri Range of Giddalur Division in favour of the Project Executive Engineer (R&B) NH Division, Kadapa.	Nandanavanam A Extension / Kanigiri Range	518	18.66
		Total		18.66 Ha

1	Name of Forest Division	Giddalur.
	Range	Kanigiri
	Block/Compartment/Survey No	Nandanavanam A Extension RF Compt.No.518 Area to be afforested: 18.66 Ha.
2	Description of Area	
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, gravelly
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 0.40
3	Plantation Model:-	
	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:-

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

Sl. No.	Name of the work	Quantity in Ha/ Rmt	Unit Cost	Amount (in Lakhs)
I	Block Plantations			
1	Raising of Primary beds & Raising of nursery	24878	11.86	2.951
2	Advance operations	18.66	0.467	8.714
3	Raising of plantations	18.66	0.705	13.155
4	Maintenance of Nursery (for planting & replacement causalities in raising year)	24878	8.00	1.990
5	Raising of nursery for Causalities in 1st year maint.	5190	13.04	0.677
6	1st year maintenance	18.66	0.375	6.998
7	Maintenance of Nursery (for Causalities in 1st year maint.)	5190	8.80	0.457
8	2nd year maintenance	18.66	0.320	5.971
9	3rd year maintenance	18.66	0.353	6.587
10	4th year maintenance	18.66	0.170	3.172
11	5th year maintenance	18.66	0.052	0.970
12	6th year maintenance	18.66	0.057	1.064
13	7th year maintenance	18.66	0.063	1.176
14	8th year maintenance	18.66	0.070	1.306
15	9th year maintenance	18.66	0.076	1.418
16	10th year maintenance	18.66	0.084	1.567
	Sub Total			58.173
II	Chain Link Fencing			
1	Errrection of Chain link fencing around the plantations	2550	0.01470	37.485
2	Salvaging of old chain link. for 10 years	3825	--	3.868
	Sub Total			41.353
	Total cost of Plantation			99.526
III	SMC Works (15%of the total planting Cost)	18.66	--	14.929
	Sub Total			14.929
IV	Monitoring and Evaluation 5% of the total planting Cost	18.66	--	4.976
V	Administrative Cost @ 10% of the total planting Cost)	18.66	--	9.953
	For Rounded			0.116
	Block Plantation Total:			129.500

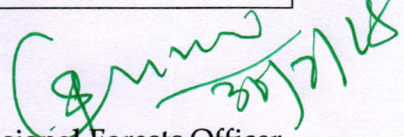
2. Detail of year wise break up of requirements of funds is as under:-

Sl. No	Name of the work	Quantity in Km	Unit Cost	Amount (in Lakhs)
I	Plantations (Road Avenue)			
1	Raising of plantations (Avenue plantation) Including cost of tall plants	6.575 Km	10.000	65.750
2	1st year maintenance	6.575 Km	3.820	25.117
3	2nd year maintenance	6.575 Km	1.450	9.534
4	3rd year maintenance	6.575 Km	0.508	3.340
5	4th year maintenance	6.575 Km	0.559	3.675
6	5th year maintenance	6.575 Km	0.615	4.044
7	6th year maintenance	6.575 Km	0.677	4.451
8	7th year maintenance	6.575 Km	0.744	4.892
9	8th year maintenance	6.575 Km	0.819	5.385
10	9th year maintenance	6.575 Km	0.900	5.918
11	10th year maintenance	6.575 Km	0.990	6.509
	Sub-Total>			138.614
II	SMC Works (15%of the total planting Cost)	LS	--	20.792
	Sub-Total>			20.792
III	Monitoring and Evaluation (5% of the total planting Cost)	LS	--	6.931
	Sub-Total>			6.931
IV	Administrative Cost (@ 10% of the total planting Cost.)	LS	--	13.861
V	For Rounded			0.302
	Sub-Total>			14.163
	Avenue Plantation Total>>			180.500
	Grand Total>>			310.000

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 12 years 2020-21 to 2031-32 with implementing agency of DFO (T), Giddalur.
b)	Spacing	3 Mts x 3 Mts
c)	Species	Miscellaneous (i.e., Narepi, Yegisa, Usiri, Billudu, Neem and Neredu etc.,)
d)	Plantation Method	SMM (Semi Mechanical Method)
e)	Soil and Moisture Conservation Works	Staggered Trenches, CCTs, PTs and Vegetative measures
f)	Protection (Fencing, Watch man, People's Participation etc.):	Fencing with 10 years maintenance
g)	Proposed Monitoring Mechanism	--
h)	Avenue Plantation (Both sides of the road)	The Avenue Plantation and maintenance will be done in a span of 11 year 2020-21 to 2030-31 with implementing agency of DFO (T), Giddalur.
h)	Any other information	<p>The proposed degraded RF area an extent of 18.66 Ha is suitable for Compensatory Afforestation with an outlay of Rs.310.000 lakhs which is situated in above mentioned table Kanigiri Range of Giddalur Division.</p> <p>Hence proposed Degraded RF area for CA may be accepted</p>


Divisional Forests Officer
Giddalur