COMPENSATORY AFFORESTATION SCHEME PROPOSALS FOR RAISING OF 24.00 Ha., CA PLANTATION IN GANGARAM RANGE IN LIEU OF DIVERSION OF 124.00 Ha. FOREST LAND GK OC PROJECT PHASE-II AT KOTHAGUDEM DIVISION IN BHADRADRI KOTHAGUDEM DISTRICT IN FAVOUR OF M/s. SINGARENI COLLERIES COMPANY LIMITED IN GUDURU (W.L.M.) DIVISION.

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I. INTRODUCTION:

The Principal Chief Conservator of Forests (HoFF), Telangana State, Hyderabad has forwarded the proposals for submission of Compensatory Afforestation Scheme in lieu of diversion of 124.00 Ha. Forest land GK OC Project Phase-II at Kothagudem Division in Bhadradri Kothagudem District in favour of M/s. Singareni Colleries Company Limited, General Manager, Kothagudem Area, Bhadradri Kothagduem District in Guduru (WLM) Division and the following degraded forest areas and certified the suitability. The details are as follows.

Sl. No.	Range	Bit No.	Beat	Section	Block	Compt. No.	Net area available
1	Gangaram	1	Jangalapally (N) & Jangalapally (E)	Komatlaguda	Chinthaguda	895 & 913	30.60
			jungurupung (=)			Total:	30.60

In lieu of diversion of Forest land over an extent 124.00 Ha. Forest land GK OC Project Phase-II at Kothagudem Division in Bhadradri Kothagudem District, an extent of 24.00 Ha. is proposed for treatment and improvement in Gangaram Range of Guduru (W.L.M.) Division.

The degraded forest area where the growth is less than 0.4 density is proposed for treatment under Afforestation Scheme including Raising of plantations, Soil and Moisture Conservation works and Reserve Forest Boundary Demarcation.

Certain degraded areas, comprise of Barren Hillocks are proposed for Raising of Barren Hill Afforestation plantations. Digging of Continuous Peripheral Trench all along the boundary of the degraded forest block area and other protective operations are proposed to be taken up with a twin objective of moisture conservation, improvement of existing growth and boundary demarcation. Scheme is prepared with an outlay of **Rs.324.778 Lakhs** for development of Degraded Forest area.

Accordingly, an Action Plan for raising of Compensatory Afforestation plantations in degraded forest areas of Compartment Nos.895 & 913 of Chintaguda Reserve Forest, Gangaram Range of Guduru (W.L.M.) Division is Prepared with an outlay of **Rs. 324.778 Lakhs** for raising miscellaneous Plantations and related activities.

PROJECT COST:
The total financial out lay of the project is as follows:

S.No	Scheme Proposals	Cost in Lakhs
1	Afforestation Works	126.208
2	Soil and Moisture Conservation Plan	35.580
3	Protection Measures	64.683
4	Publicity and Awareness	44.972
5	Nursery Infrastructure	20.000
6	Out Sourcing of Technical Expert / Computer Operator	24.300
7	Administrative Cost @ 5%	9.035
	Total:	324.778

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA LOCATION OF THE AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN DEGRADED FOREST AREA:

A: The Compensatory Afforestation Scheme is aimed at improvement of the density and ultimately quality of Forests. With this in mind, degraded Forest area of Compartment Nos. 895 & 913 of Chintaguda Reserve Forest, Gangaram Range of Guduru (W.L.M.) Division is proposed for treatment. In general the above Compartment is having good degraded and coppice natural growth of Billudu, Nalla Maddi, Vepa, Tuniki, Chennangi, Kodisa, Tirumanu, etc., Natural regeneration is taking place but due to continuous biotic pressure on the land and fire it is not getting established.

It is proposed to stabilize such growth. Suitable areas were identified for treatment with appropriate interventions as the area has become degraded due to excessive biotic interference. The excess biotic interference has disturbed the ecological cycle as all the Biodiversity including fauna and flora have been damaged to a great extent. There is every need to rehabilitate and protect the environment for the sake of Bio-diversity. Number of cattle enters into the Forests from nearby villages for grazing and uncontrolled removal of fuel wood and poles for household purposes.

LEGAL STATUS OF THE PROPOSED CA AREA:

The proposed CA areas in Compartment Nos. 895 & 913 of Chintaguda Reserve Forest, Gangaram Range of Guduru (W.L.M.) Division is notified Under Section 15 of Andhra Pradesh Forest Act, 1967 vide G.O.Ms. No.668, dt:08.07.1355F of Chintaguda Reserve Forest, Under Section 15 of Andhra Pradesh Forest Act, 1967 vide G.O.Ms.No.1711, dt:18.09.1969 and Under Section 4 of Andhra Pradesh Forest Act, 1967 vide G.O.Ms.No.84, dt:08.09.1354F respectively.

The compartment wise areas are as follows:

Sl. No.	Bit No.	Compt. No.	Reserved Forest Block	Total Area of the Block (In Ha.)	Net area proposed for treatment available (In Ha.)	Species in the area
1	1	895 & 913	Chintaguda Reserve Forest	18363.12	30.60	The area is covered with degraded coppice growth of misc. species like Billudu, Nalla Maddi, Vepa, Tuniki, Chennangi, Kodisa
			NETTERS OF THE LET	G-Total:	30.60	

Further, it is submitted that, the net area proposed for treatment is 30.60 Ha., out of that only 24.00 Ha., is feasible for planting, accordingly LIM Planting is proposed in the above areas.

The selected areas consists of gentle slopes, some are degraded plain areas with accessibility to roads and are degraded mainly due to biotic interference and are found suitable for Compensatory Afforestation. Most of these areas were retrieved from illegal

encroachers and if not immediately brought under afforestation, there is possibility of encroachment.

SOIL DESCRIPTION AND TERRAIN:

In the proposed area, the soils are eroded and are ranging from Black Soil, Sandy loam with some hillocks here and there. There are several streams and streamlets running downwards from the hillocks causing soil erosion.

FLORA AND FAUNA:

In the proposed degraded Forest area the species available are mainly degraded coppice growth of Billudu, Nalla Maddi, Vepa, Tuniki, Chennangi, Kodisa, Tirumanu, etc., The Wild animals found in the selected area (Bison), Spotted Deer, Chousingha etc.,. Thus steps such as restoration of the vegetation, provision of sufficient water sources to the wild animals, provision of fodder and legume and overall protection is proposed..

TREATMENT MODELS:

It is proposed to treat the Degraded Forest areas under the following Treatment models. It is proposed to treat the Degraded Forest areas under the following Treatment models.

- a) Model-I: Protection of Reserve Forests by Protection from Fire.
- b) Model-II: Artificial Regeneration
- (i) Raising of plantations in degraded forest areas

175.00 Ha of degraded area identified in Kothaguda Gangaram Ranges of Guduru (W.L.M.) Division was proposed for taking up afforestation works.

The above Afforestation and Reforestation works shall be carried out either by involvement of VSS members or through Departmental execution.

I. Model I: Demarcation of Permanent Forest Boundaries in the form of Cattle Proof Trench (CPT) and Improvement of Soil Moisture by way of SMC works:

- a) Most of these areas identified for Compensatory Afforestation area are having good viable root stock. Offering absolute protection to these degraded areas from biotic pressure is the best course of action for developing the area into productive forests. Continuous peripheral Trench all along the boundary of the Compensatory Afforestation area is proposed to be taken up with a twin objective of moisture conservation and boundary demarcation. Wherever it is not possible to dig a trench due to striking of hard stratum of rock, it is proposed to take up stone wall with rubble masonry or Erection of chain link fence as per filed conditions and local availability of materials.
- b) Fire management will also form an important part of the forest management and stand improvement strategy. Protection of these areas from fire, grazing and illicit felling is absolutely essential to improve the stand and it is proposed to be ensured either through Vana Samrakshana Samithies (VSS) or Departmental execution. Therefore, 5mtr wide fire lines are proposed in the above identified area.
- c) Digging of Percolation Tanks wherever required in the identified degraded forest area where the existing 2^{nd} order nallahs are there.

RAISING OF PLANTATIONS - PLANTING ON PLAINS/DEGRADED FOREST AREAS

To compensate the loss of Valuable forest growth in the Diverted Reserved forest areas, it is proposed to raise certain plantations in the degraded forest areas.

a. NON TEAK SECONDARY HARDWOOD SPECIES (NTSH) PLANTATIONS:

It is proposed to raise the above model of plantation under **Labour Intensive Method (LIM)** through intensive site preparation practices. The operations to be carried out are Survey and demarcation, clearing the miscellaneous jungle growth, Digging of Staggered contour Trenches and planting at 3 X 3 m espacement in 45 centimeter cube pits. All other cultural operations like Weeding's, Soil workings, manuring etc., will be provided for Seven years excluding raising year duly following the PCCF instructions.

II. Soil and Moisture Conservation Plan:

- (i) Construction of percolation tanks depending upon the terrain
- (ii) Provision for solar bore wells with pump facility and over head tank for providing water to the wild animals.
- (iii) Construction of Check Dams
- (iv) Construction of Rock Fill Dams
- (v) Erection of Solar Bore Well with construction of Percolation Tank

III. <u>Protection Measures:</u>

- (i) Purchase of Vehicles and maintenance of vehicles for patrolling in Reserve Forest areas
- (ii) Establishment of Base Camps for monitoring the DFL areas.

IV. <u>Publicity and Awareness</u>

- (i) Conducting of Pre-fire season workshops and awareness meetings.
- (ii) Construction of Watch Towers and Supervisory Huts
- (iii) Erection of Hoardings for awareness to public on wildlife habitats.

Administrative Costs (Over Heads)

As the work involved is a massive one and involves lot of record maintenance, book keeping and intensive mobility of the field officers, it is required to provide 10% of treatment cost towards over heads.

PROJECT COST:

The total financial out lay of the project is Rs. 324.778 Lakhs

The annual requirement of funds have been worked out on the base cost of 2022-23 FSR with 10% annual escalation for the remaining project period up to 2032-33.

The component wise details in brief are as follows.

S.No	Scheme Proposals	Cost in Lakhs
1	Afforestation Works	
2	Soil and Moisture Conservation Plan	126.208
3	Protection Measures	35.580
4	Publicity and Awareness	64.683
5	Nursery Infrastructure	44.972
6	Out Sourcing of Technical Expert / Computer Operator	20.000
7	Administrative Cost @ 5%	24.300
1000		9.035
	Total:	324.778

MODE OF EXECUTION:

It is proposed to implement the above proposals through VSS on Joint Forest Management concept or by Departmental execution method wherever possible. In addition to the existing staff of Forest Department with required logistic support, necessary manpower required for effective implementation of the project will be hired through outsourcing.

Digging of Peripheral trench work, SMC works and other Afforestation works are being carried out in the above said proposed degraded forest area through ongoing Schemes. Hence, left over works if any as per this scheme will be carried out in the adjoining Forest Blocks of Gangaram and Kothaguda Ranges.

Annexure:

iexure.		Afforestation Scheme in
		Abstract of Compensatory Afforestation Scheme in
Annexure	1	Degraded Forest Area
		Year wise Estimated cost Compensatory Afforestation in
Annexure	II	Degraded Forest Area.
Annexure	III	Unit cost Data sheets

(FAC) District Forest Officer, Mahabubabad.

Abstract of CA Scheme to restock and rejuvenate the 24.00 ha of degraded open forest land in lieu of diversion of 124.00 of forest land for divesion of GK OC Ph-II in Kothagudem Division Bhadradri Kothagudem District in favour of M/s. Singareni Colleries Company Limited

SI.	Sahama Proposals	C	ost in Lakhs
No	Scheme Proposals	Phy	Fin (Rs.in Lakhs)
1	2	51	52
I	I.Afforestation Works		
1	Rasing of nursery works	39990	25.353
2	Raising of Plantations under LIM	200	100.855
			126.207
II	II.Soil & Moisture Conservation Works		
1	Construction of Percolation Tanks	1	5.500
2	Construction of Check Dams	1	10.500
3	Construction of RFDs	10	1.100
4	Digging of borewell with solar panels	2	18.480
	July 1991		35.580
III	III. Protection Measures		
	Purchase of petrolling Vehicle for monitoring around the		
1	plantation areas along with maintenance of vehicle and	1	32.000
-	wages for drivers		
	Establichment of two base camps to monitor the DFL	1	32.683
2	area and adjoining RF areas to curb the encrochments	1	32.003
	and smugglings of forest produces etc.		
	Sub Total:		64.683
IV	IV.Publicity And Awareness		
1	Pre-Fire Season Workshops and awareness meetings	2	0.486
2	Publicity and awarness on forest and wild life	2	0.486
3	Erection of hoardings	1	5.500
3	Construction of Watch Towers	1	22.000
4	Construction of Supervisory Huts	1	16.500
			44.972
V	V.Nursery Infrastructure		
	Establishment of two Cetral Nursery at Kothaguda and		
1	Gangaram ranges including construction of seed stores	1	10.000
	and nursery infrastructure		
2	Erection of solar power system at nursery site	1	10.000
			20.000
VI	VI.Out sourcing of Technical Expert / Computer Op	erator	
,	Engaging computer operators Division / Range Level for	1	24.300
1	online programming of Project		
		1	24.300
VII	Administrative Cost - 5%		9.035
			9.035
	Total year wise outlay of the project		324.778

(FAC) District Forest Officer Mahabubabad

Abstract of CA Scheme to restock and rejuvenate the 24.00 ha of degraded open forest land in lieu of diversion of 124.00 of forest land for divesion of GK OC Ph-II in Kothagudem Division Bhadradri Kothagudem District in favour of M/s. Singareni Collegies Company Limited

	•										****			2025-26			2026-27			2027-28			2028-29			2029-30	
			Unit Cost 2022-23		2022-23			2023-24	Fin (Do in		2024-25 Unit	Fin (Rs.in		Unit	Fin (Rs.in	Phy	Unit	Fin (Rs.in	Phy		Fin (Rs.in	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
0	, Item of Work	Unit	(Rs.)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Cost	Lakhs)	Phy	Cost	Lakhs) 20	21	Cost 22	Lakhs) 23	24	(Rs.) 25	Lakhs) 26	27	28	29	30	31	32
	2			9	10	11	12	13	14	15	16	17	18	19	20											200	
T	I.Afforestation Works																										1500
1	Rasing of nursery works	199													A 100 18		THE R						7 3				
	Purchase of 6X8 seedlings minimum 30 cm height seedlings	Plant	10.000	31992	11.000	3.519	7998	12.100	0.968																		
	Conversion of bag plants from 6"x8" to 9"x11"	Plant	26.852	31992	29.538	9.450	7998	32.491	2.599										10			Marine A	34-1				
d	Maintenance of Bag Plants of 9"x11"	Plant	12.07				31992	14.609	4.674	7998	16.070	1.28526 4.144			0.000			0.000			0.000			0.000			
		Marie S	TE FOREY		A House	12.969	119	St. 180 - 80	8.240			4.244				7724				The least						1	
	Raising of Plantations under LIM			10.9																							
	Advance Operations	На	78923	24.00	79002	18.9604	0.00	86902						The second		1 8			-77	Alle Con							- Harris
b	Raising of Plantation	На	73569		73643		24.00	81007	19.4417																		
С	1st Year Maintenance	На	39387	7	39426			43369	2277	24.00	47706	11.4494			8.0261					12			PER I				
d	2nd Year Maintenance	На	2510	1	25126	The Mark	1	27638		14	30402		24.00	33442	8.0261	24.00	36786	8.8288					5.4				
	3rd Year Maintenance	На	2510	1	25126			27638			30402			33442		24.00	30899	0.0200	24.00	33989	8.1573	0.00	37388				
4.5	4th Year Maintenance	На	2108	3	21104			23215			25536			28090	-		11600		21.00	12760		24.00	14036	3.3686			
a	5th Year Maintenance	На	791	5	7923	A Common		8715			9587	100		10545			11600		180	12760			14036	WI VIII	24.00	15440	3.705
h		На	791	5	7923			8715			9587			10545	-		11600			12760			14036			15440	The state of
	7th Year Maintenance	На	791	5	7923	1		8715			9587			10545			170/15/00/05	1		12760			14036	119		15440	
·	8th Year Maintenance	На	791	5	7923			8715		16.6	9587			10545			11600			12760			14036			15440	
k	Name of the Control o	На	791	5	7923		THE STATE OF	8715	Marine I		9587		122	10545			11600	1		12760			14036			15440	
1	10th Year Maintenance	На	791	5	7923			8715			9587			10545	THE RESERVE		11000	8.829		12.00	8.157	Tex ()		3.369			3.70
	Sub Tota	l:		H MINT		18.960			19.442			11.449			8.026			8.829			8.157			3.369			3.70
			1			31.929	4.5		27.682			15.593			8.026			8.023									
TT	II.Soil & Moisture Conservat	ion Wo	orks			The Park													-			1932				The Na	
1	Construction of Percolation Tanks	No		1	5.500	5.500	0	6.050	0.000	0	6.655	0.00000			5 0.000		1988										
2		No	10.000	0 1	10.500	10.500	0	10.500	0.000		11.550		1	12.70	5 0.000									189 3			
3	A CONTRACTOR CONTRACTO	No	0.100	10	0.110	1.100		0.121	0.000		0.133	0.00000															
4	Digging of borewell with solar	No	8.000	1	8.800	8.800	1	9.680	9.680		10.648				0.000			0.000			0.000			0.000			0.00
	Sub Tot	al				25.900)		9.680			0.000			0.000							3.0					
II	I III. Protection Measures						TA NUTS				4.46	1 1/-10	The state of					100			112 1					Maria III.	
1	Purchase of petrolling Vehicle for monitoring around the plantation areas along with maintenance vehicle and wages for drivers	on No	s A/a	Ls	A/a	15.000	Ls	A/a	4.000	Ls	A/a	4.000	Ls	A/a	4.500	Ls	A/a	4.500									
2	Establichment of one base camps to monitor the DFL area and adjoining RF areas to curb the encrochments and smugglings of forest produces		os 9.87	4 1	9.874	9.874	1	10.86	1 10.861	1	11.948	11.948															-

Abstract of CA Scheme to re

		2030-31	Twile.	2031-32			2032-33			2033-34				2034-35			2035-36		Gran	nd Total
Item of Work	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 (Rs.in Lakhs)
2	33	34	35	36	37	38	39	40	41	39	40	41	39	40	41	39	40	41	51	52
I.Afforestation Works Rasing of nursery works																				
Purchase of 6X8 seedlings minimum 30 cm height seedlings															100				39990	4.487
Conversion of bag plants from 6"x8" to 9"x11"							PPK											- 85	39990	14.907
Maintenance of Bag Plants of 9"x11"				1487											No.				39990	5.959
										griffich is z	Vinte Control				FAILTE		200-1	Contract	39990	25.353
Raising of Plantations under LIM						7														
Advance Operations						u i ei				1									200	18.960
Raising of Plantation		VER V		100			2	100	400				Talley 3					16.24	200	19.442
1st Year Maintenance					THE SAME		4	THE N	11 1				prise.	18	-	TANK .			200	11.449
2nd Year Maintenance		1000	221 ISS	WYTT IT		140	W 1 5		100	N. I		12.27.19	7	11 / //					200	8.026
3rd Year Maintenance						100			1 11 11					1	-	2	- /	5.5	200	8.829
4th Year Maintenance								- 10				3 44				3.37.1		- 1	200	8.157
5th Year Maintenance						- n			1 2	5 = 1		Total							200	3.369
6th Year Maintenance										(ki			T. Ann	June 1					200	3.705
7th Year Maintenance	24.00	16983	4.0760				0.00	20550	0.0000	1				De la company		45 N - N - N		G	200	4.076
8th Year Maintenance		16983		24.00	18682	4.4836	0.00	20550	0.0000	0.00	22605	0.0000	F F F		2,46				200	4.484
9th Year Maintenance		16983		in it is	18682		24.00	20550	4.9320	0.00	22605	0.0000	0.00	24866	0.0000		-ie/i-		200	4.932
10th Year Maintenance	7.	16983		1.000	18682			20550	Step 2	24.00	22605	5.4252	0.00	24866	0.0000	0.00	27352	0.0000	200	5.425
Sub Total:			4.076	R/	119	4.484	Triple 18		4.932			5.425			0.000	7.54-1		0.000	200	100.855
			4.076			4.484			4.932			5.425			0.000			0.000		126.207
II.Soil & Moisture Conservatio											Control of the Control								Total Till	
Construction of Percolation Tanks		7							L TO BE										1	5.500
Construction of Check Dams				-												KITI/A II		7- 1	1	10.500
Construction of RFDs					No. of the second	B. C.		Marie II									LE STA		10	1.100
Digging of borewell with solar	100						.00		60000		B 50 36	1000 P	1000						2	18.480
Sub Total		Sec.	0.000	1000		0.000			0.000											35.580
III. Protection Measures												Marie I					er surremment woods		Charles E	
Purchase of petrolling Vehicle for monitoring around the plantation areas along with maintenance of vehicle and wages for drivers						37													1	32.000
Establichment of one base camps to monitor the DFL area and adjoining RF areas to curb the encrochments and smugglings of forest produces											4/3								1	32.683

SI.	*) Hom of Work	Unit Cost 2022-23				2023-24 2024-25						2025-26				2026-27			2027-28			2028-29			2029-30		
No		Unit	(Rs.)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost	Fin (Rs.in Lakhs)	Phy	Unit Cost	Fin (Rs.in Lakhs)	Phy	Unit Cost	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Lakhs)	Phy	Unit Cost (Rs.)	Lakhs)	Phy	Unit Cost (Rs.)	Lakhs)
	Sub Total			41135		24.874			14.861			15.948			4.500			4.500			0.000			0.000			0.000
IV	IV.Publicity And Awareness							The second																			
1	Pre-Fire Season Workshops and awareness meetings	LS	0.20	1	0.220	0.220				1	0.266	0.266															
	Publicity and awarness on forest and wild life	LS	0.20	1	0.220	0.220				1	0.266	0.266							gal I	1 1/2	I DO HAT		Cass	1 la 1 m			
3	Erection of hoardings	LS	3.00	1	5.500	5.500		6.050	0.000		6.655	0.000		7.321	0.000					CNE	4.000	E 1 4 - 1	DATE	0.681			
4	Construction of Watch Towers	LS	15.00	1	22.000	22.000		24.200	0.000		26.620	0.000										1	1				
5	Construction of Supervisory Huts	LS	10.00	1	16.500	16.500		18.150	0.000															E-Ha			
			18510606		60 St. 10 St.	44.440		1000	0.000			0.532			0.000			0.000			0.000			0.000			0.000
٧	V.Nursery Infrastructure																			Norman 18							
	Establishment of one Cetral Nursery at Kothaguda/ Gangaram ranges including construction of seed stores and nursery infrastructure	LS	10	1	10.000	10.000																A _N					
	Erection of solar power system at nursery site	LS	10	1	10.000	10.000																					
						20.000			0.000			0.000			0.000			0.000			0.000			0.000			0.000
	VI.Out sourcing of Technical Expert / Computer Operator																										
1	Engaging computer operators Division / Range Level for online programming of Project	Nos	2.7	1	3.000	3.000	1	3.000	3.000	1	3.000	3.000	1	3.300	3.300	1	4.000	4.000	1	4.000	4.000	1	4.000	4.000		4.400	0.000
					640000	3.000		1960000	3.000			3.000			3.300			4.000			4.000		100.00	4.000			0.000
VII	VIII.Administrative Cost - 5%					3.8915			1.8681			0.7797			0.4013			0.4414			0.4079			0.1684			0.1853
	Total year wise outlay of the project					154.035			57.091			35.853			16.227			17.770			12.565			7.537		- Grant 196	3.891

La live		2030-31		2031-32			2032-33				2033-34			2034-35	100	MO II	2035-36	Grand Total		
Item of Work	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 (Rs.in Lakhs)
Sub Total	1807		0.000			0.000			0.000		2/3/4/8									64.683
IV.Publicity And Awareness						1 1 1 1		1995												
Pre-Fire Season Workshops and awareness meetings			-														REAL PROPERTY.	8,	2	0.486
Publicity and awarness on forest and wild life				- William	V-30-4			N THE		4 31									2	0.486
Erection of hoardings																			1	5.500
Construction of Watch Towers							Herry						134					The Marie	1	22.000
Construction of Supervisory Huts									E STATE						No. of the				1	16.500
en harmone in the	17		0.000			0.000			0.000								0.000			44.972
V.Nursery Infrastructure									14 3 3 1										7 1 - 1	
Establishment of one Cetral Nursery at Kothaguda/ Gangaram ranges including construction of seed stores and nursery infrastructure									778			4							1	10.000
Erection of solar power system at nursery site							2-1-1			704			ř	1 1/2					1	10.000
			0.000			0.000			0.000											20.000
VI.Out sourcing of Technical Expert / Computer Operator									Silver.											
Engaging computer operators Division / Range Level for online programming of Project		4.840	0.000		5.324	0.000	11.	5.802	0.000		l de la								1	24.300
			0.000			0.000			0.000		9-1							56.5		24.300
VIII.Administrative Cost - 5%		7/200	0.2038			0.2242			0.2466		1 9	0.2168			0.0000	ma ey		0.0000		9.035
Total year wise outlay of the project			4.280			4.708			5.179			5.642	14.		0.000			0.000		324.778

(FAC) District Porest Office

Chief Conservator of Forests
Conservator of Forests
KOTHAGUDEM CIRCLE