## GOVERNMENT OF ANDHRA PRADESH FOREST DEPARTMENT

Rc.No. 2422/2019-D1, Dated. 13.05.2023.

Office of the Divisional Forest Officer, Rampachodavaram Division, Rampachodavaram.

From Sri.G.G.Narentheran, I.F.S., Divisional Forest Officer, Rampachodavaram Division, Rampachodavaram. To The Chief Conservator of Forests, Rajahmundry Circle, Rajamahendravaram.

Sir,

Sub: APFD - F(C) Act, 1980 - Diversion of 26.57 ha of Forest land (Mining area - 17.43 ha & Road area - 9.14 ha) in compt.no.750 of Tadepalli PF, D.Velamalakota Beat, Seethapalli section, Foulkspeta Range, Survey no.37&38 of Maddiveedu, H/o.Tadepalli (v), Maredumilli (M) & compt No.398 & 399 Denduluru RF & compt.No 754 of Cheruvupalem PF, Devarapalli Beat of Rampachodavaram Range of Rampachodavaram division for Quarrying of Laterite in favour of M/s Rajiv Tribal Q.L.C.C.S Ltd - Final Inspection Report - Submission of - Reg.

Ref:1.PCCF (HoFF), AP, Guntur Rc.No.EFS02-15/2/2018-FCA SEC-PCCF/FCA-2; Dt:04-05-2021.

2.CCF, Rjy Rc.No.4949/2018-D1; Dt:15-05-2021.

3.M/s.Rajiv tribals Letter Rc.No.1596/2010C; Dt:19-05-2021.

4.This office Rc.no.2422/2019-D1; Dt:09-06-2021.

- 5.FRO, Sudikonda Rc.No.450/2010; Dt: 26-06-2021 received in this office on 20-07-2021
- 6.This office Rc.no.2422/2019-D1; Dt:22-07-2021.
- 7.FRO, Sudikonda Rc.No.450/2010; Dt: 30-07-2021 received in this office on 26-08-2021
- 8.Sub-DFO, Rampachodavaram Rc.no.17/2021; Dt:12-08-2021 received in this office on 26-08-2021.
- 9. DFO,Kakinada Rc.no. 2422/2019-D1; Dt.26.08.2021.
- Prl.CCF(HoFF), A.P., Guntur Rc.no.EFS02-15/2/2018-FCA SEC-PCCF/FCA-2, dt.19.09.2021.
- 11. The Collector & District Magistrate, East Godavari, Kakinada File no.F5/2/2021, dt.04.12.2021.
- 12. PO, ITDA, Rampachodavaram Ref.no.RoFR/72/ DLC/2020, dt.22.08.2022.
- 13. Rajiv Tribal Quarry Labour Contract Co-Operative society Ltd, Dt. 07.11.2022.
- 14.DFO, Rampachodavaram Rc.No2422/2019-TO 28-12-2022.
- 15.Forest Range Officer, Rampachodavram, Ref.no.195 /2021, Dt.16.03.2023.
- 16. Forest Range Officer, Foulkspeta, Rc.no. 450/2010, dt.16-03-2023.,
- 17. Divisional Forest Officer, Rampachodavaram Rc.no.2422/2019- D1, Dt.14.03.2023.
- Divisional Forest Officer, Rampachodavaram Rc.no.2422/2019-D1, Dt.17.03.2023.
- 19. Rajiv Tribal Quarry Labour Contract Co-Operative society Ltd, Dt.31.03.2023.
- 20. Forest Range Officer, Rampachodavram, Ref.no.195 /2021, Dt.31.03.2023.
- 21. Divisional Forest Officer, Rampachodavaram Rc.no.2422/2019-D1, Dt.31.03.2023.
- PCCF (HoFF), AP, Mangalagiri Ref.No.EFS02-17/25/2021-IT; Dt:10-04-2023.
- 23. Rajiv Tribal Quarry Labour Contract Co-Operative society Ltd, Dt.27.04.2023.
- 24. Forest Range Officer, Addateegala Rc.No.287/1998, dt 28.04.223.

With reference to the above, it is to submit that, the Principal Chief Conservator of Forests (HoFF), Andhra Pradesh, Guntur has accepted the proposals

for diversion of 17.43 ha of Forest land in compt.no.750 of Tadepalli PF, D.Velamalakota Beat, Seethapalli section, Sudikonda Range and Survey no.37&38 of Maddiveedu, H/o.Tadepalli (v), Maredumilli (M) for Quarrying of Laterite in favour of M/s Rajiv Tribal Q.L.C.C.S Ltd vide reference 1st cited and issued instructions to the user agency to submit Hard copies of the proposals.

Further, the Site inspection (Mining area 17.43 ha.) was conducted on 26.08.2021 by the District Forest Officer, erstwhile Kakinada division along with concerned staff. The Final Inspection Report has been submitted to the Chief Conservator of forests, Rajahmundry Circle, Rajamahendravaram vide reference 9<sup>th</sup> cited. The Chief Conservator of forests, Rajahmundry has returned the proposals and issued instructions to include the road area which is proposed for transportation of the Laterite mineral. Accordingly, instructions were issued to the user agency and concerned Forest Range Officers to include the road area in the Mining proposals.

The road area of 8.63 ha of forest land (Foulkspeta Range 6.98 Ha. RCvaram Range 1.65Ha.) was included in the proposals with the same width of existing road from Maddiveedu to Busigudem and the revised proposals were submitted by M/s Rajiv Tribal Q.L.C.C.S.Ltd., Maddiveedu H/o Tadepalli (V) to the Principal Chief Conservator of Forests (HoFF), Andhra Pradesh, Guntur for obtaining permission under Forest Conservation Act, 1980.

Further, the Site inspection was conducted on 14.03.2023 by me along with the concerned staff. During my field inspection along with the concerned staff, some omissions were noticed in the proposals. In Rampachodavaram Range, the user agency has proposed road for 1.65 ha only instead of 2.16 ha.

- 1. Denduluru RF 1172.62mt x 8.mt = 0.95 Ha.
- 2. Cheruvupalem PF 895.20mt x 8.mt = 0.70 Ha
- 3. Cheruvupalem PF 1360.00mt x 3.6mt = 0.51 Ha.

## Total - 2.16 ha.

As per the above information, the user agency has to be included the remaining road length (1360.00mt  $\times$  3.6mt = 0.51ha) in between Busigudem to Rampa which was not covered in the proposals. The same informed to the user agency vide reference  $18^{th}$  cited. Further, the user agency has included the total road area in the proposals and changed the total proposals area from 26.06ha to 26.57 ha in PARIVESH portal and submitted the revised part-I proposals to this office for taking further action, vide reference  $23^{rd}$  cited.

Further, the site inspection was conducted on 20.04.2023 by me along with the Sub-Divisional Forest Officer, Rampachodavaram, the Forest Range Officers, Foulkspeta, Rampachodavaram and concerned staff. As per my field inspection and inspection reports of the concerned staff and as per the proposal submitted by the user agency the following are the observations.

 The proposed area for diversion of forest land for mining lease over an extent of 26.57 ha is in compt.no.750 of Tadepalli PF of D.Velamalakota Beat, Seethapalli section of Foulkspeta Range and compt No.398 & 399 Denduluru RF & compt.No 754 of Cheruvupalem PF, Devarapalli Beat of Rampachodavaram Range of Rampachodavram division (Mining Area: 15.44

ha, Safety Zone Area: 1.34 ha Mining Road Area: 0.65 ha and Road area 9.14ha).

S.No	Range	RF & Compt no	Details	Area in ha
1	Foulkspeta	Tadepalli PF,	Mining area	15.44 ha
	V statelina la	compt.no.750 of D.Velamalakota Beat	Safety Zone Area	1.34 ha
			Mining Road Area	0.65 ha
1	F- "	Total Mining	area:	17.43 ha
1	Foulkspeta	Tadepalli PF, compt.no.750 of D.Velamalakota Beat	Road area	6.98 ha
2	Rampachoda varam	Denduluru RF, compt No.398 & 399, Devarapalli Beat	Road area	0.95 ha
		Cheruvupalem PF, compt.No 754, Devarapalli Beat	Road area	1.21 ha
-		Total Road a		9.14 ha
		Total area propo diversion	sed for	26.57 ha

- 2. The Forest type is dry mixed deciduous forests (5A/C3) and sub type is Mixed Forest. The proposed area is mostly covered with the dominating species of seedlings, saplings and young plants about 3 meters tall and trees including poles and bajus like *Xylia xylocarpa*, *Spondias pinnata*, *Chloroxylon swietenia*, *Lagerostroemia parviflora*, *Lannea coromandelica*, *Borasus flabellifer*, *Artocarpus heterophyllus*, *Dillenia pentagyna*, *Pterocarpus marsupium*, *Dellinea pentagyena* and bush growth species *Zizyphus oenoplia* (thorny sps& abundantly), Carissa carandas, Ficus tsiela and climbers species *Bauhinia vahlii*, *Acacia concinna* (abundantly) medicinal plants species like *Glorisa superba*, *Curculigo orchioides*, *Asparagus racemosus*, *Cicca acida*, *Andrographis paniculata*, *Achyranthes aspera*, *Abrus precatorius*, *Mucuna pruriens*, *Terminalia chebula* and natural regeneration is good in the proposed area.
- In this proposed area, existing timber species enumeration has been taken up by the Forest Section Officer, Seethapalli section and total 40 tree are existing in Foulkspeta Range and the value of trees is Rs.4,04,895/-.
- 4. This proposed area 26.57 ha is the focal point for places like Maddiveedu and Tadepalli villagers. Due to the RoFR claims issued in other than mining areas in Tadepalli P.F., the villagers are farming in the lower part of the mining area, in three directions from decade. Due to the constant collision of human beings and vehicles, did not see <a href="mailto:any animal movement during the inspection">any animal movement during the inspection</a>.
- 5. However for protection of wildlife against the mining operations, takingup of safety measures as a precaution is very much essential. Erection of Chainlink mesh of suitable gauge to a height of 2.00 mts around the safety zone area prevents entry of the wildlife into the proposed mining area thus the possible damage if any to the wildlife can be avoided.
- 6. The proposed area is not a part of a National park or Sanctuary, Biosphere Reserve, Tiger Reserve or Elephant corridor. No Archeologically important

- structures are present in the proposed area. The proposed forest land for diversion is located at aerial distance of **16.44 Kms** from Papikonda National Park and 6.44 Kms away from default Eco-Sensitive zone area.
- 7. Blasting in the mining area causes harm to the wildlife but open cast mining may not harm wildlife. In view of this, a condition "ban on blasting" is to be imposed to avoid any possible injuries or death of animals. Working in the night also may not be permitted.
- 8. The areas are prone for soil erosion, due to their being gentle to moderate slopes. SMC measures like constructing CCTs is required in the vicinity. However, there is no scope for construction of Percolation tanks due to shallow depth of soils.
- Reclamation of mined areas is required in a phased manner. The dugout pits shall be refilled with fertile soil besides bench terracing if required and planted with tall plants of native species.
- 10. Permanent demarcation of the mining area by erection of RCC pillars is essential to avoid disputes as well as checking encroachment into adjoining forest areas not granted for mining purpose.
- 11. As per the guidelines of Forest (Conservation) Act, 1980 provision for safety zone all around the proposed mining areas shall be made.

SI. no	Name of the applicant	Area proposed for mining	Area Proposed for mining road area	Area earmarked for safety zone (Exempted in CA)	Road Area proposed for transportation of mining material	Total area proposed for diversion
1	M/s Rajiv Tribal Q.L.C.C.S.Ltd.	15.44 Ha.	0.65 Ha.	1.34 Ha.	9.14ha	26.57 ha.

- 13. There are no claims received under RoFR Act, 2006 in the proposed mining area. The Gram Sabha was conducted on 12-10-2010 in Tadepalli Gram Panchayat of Maredumilli Mandal and a resolution was passed expressing no objection for mining the mineral Laterite from the proposed mining areas in Tadepalli PF by the M/s Rajiv Tribal Q.L.C.C.S.Ltd.,
- 14. The Project Officer, ITDA, Rampachodavaram has conducted Gram Sabha in the presence of Sarpanch, Villagers, VSS members and concerned officers on 16.03.2022 and submitted the Resolutions of Gram Sabha and FRC's stating that no RoFR claims had been received.
- 15.The District collector, erstwhile East Godavari district, Kakinada has issued Form-II certificate for mining area of 17.43 ha and the District Collector, ASR District, Paderu has issued Form-I certificate for Road area of 8.63ha. The user agency has submitted the undertaking for remaining 0.51 ha of road area.

Based on the above field observations and interaction with the field staff and local villagers, the following special conditions in addition to the general conditions are proposed to be imposed for diversion of forest land for permitting the mining proposals.

- a. Chain link fence of suitable gauge to a height of 2.0m shall be erected around the safety zone area to prevent entry of the wildlife into the mining area at the cost of the user agency.
- b. To collect @ of Rs.1.00 lakh per ha of forest area (26.57 ha) proposed for diversion (Mining area 17.43 ha + Road area 9.14 ha = Total area 26.57 ha) from the user agency for taking up wildlife conservation measures and monitoring of works in the vicinity of the proposed mining areas. [it amounts of Rs.26.57 lakh]. "As per guidelines issued in Stage-II approval of Indira Sagar project (Polavaram project), condition No.05 states that in addition to the Net Present Value of the forest land, 5% of the project cost shall be deposited with the State Forest Department for conservation and protection of National Parks Sanctuaries in the state of Andhra Pradesh:"
- c. Blasting in the mining areas shall be banned. Mining in the night shall not be permitted.
- d. An amount of Rs.1.00 lakh per ha shall be deposited for carrying out Soil and moisture conservation works, slope stabilization and Sinages in the vicinity of the mining area. [it amounts of Rs.26.57 lakh]
- e. The mined areas (dugout pits) shall be refilled with fertile soil and bench terracing be done if required besides raising successful plantations with tall plants of native species at the cost of the user agency as a part of reclamation of the mined area.
- f. Permanent demarcation of the mining area by erection of RCC pillars at the cost of the user agency to avoid disputes as well as to check encroachment into adjoining forest areas not granted for mining purpose.
- g. User charges equivalent to the cost of permit charges @ Rs.10/- per MT as fixed by the Government in GO Ms.no.63 EFS&T (For-I) dept; dt.06.02.2010 for the permits issued for transportation of laterite on quarterly basis shall be paid through DD in favour of the Divisional Forest Officer, Rampachodavaram for using the existing road.
- h. Administrative cost at the rate of Rs.10/- per MT of Laterite transported shall be paid by the user agency on quarterly basis for meeting the administrative expenses like maintenance of records, conveyance and communication charges, supervision and monitoring charges etc., to the Divisional Forest Officer, Rampachodavaram through DD.
- i. Pollution control measures shall be taken up by the user agency in the nearby villages at the cost of user agency.
- The user agency shall not use any roads other than those approved in the mining proposal.
- k. The User Agency shall procure one 4\*4 SUV Vehicle, seating 7 people and shall hand over to DFO, Rampachodavaram for monitoring and evaluation purpose.

Further, it is to submit that, the Forest Range Officer, Addateegala has submitted a detailed report on the CA land identified by the user agency. The CA land was an enclosure in Kota R.F., in the middle of the Reserve Forest. The crown

density is 0.6. and contains very good regeneration and all tree growth is natural and luxuriant growth of trees such as Konda tangedu, Garugudu, Rewadi, Yerrakarra, Yegisa, Maddi, Juvvi, Gummadi, Neredu, Thada etc., There is no possibility to take up plantation in CA area (Report enclosed).

In this regard, the Forest Range Officer, Rajavommangi has been instructed to identify the degraded forest land over an extent of 27.00 ha and the Forest Range Officer, Rajavommangi has inspected the area along with concerned staff on 29.04.2023 and identified 27.00 ha of degraded forest land in Compt No.530, Rajavommangi RF of Rajavommangi Beat of Rajavommangi Range. The FRO, Rajavommangi has submitted CA scheme for an amount of Rs.150.00 lakh and the CA scheme is enclosed herewith for favour of information.

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

Encl: As above.

Divisional Forest Officer, Rampachodavaram Division,

Rampachodavaram.

Yours faithfully,

Copy submitted to the Collector and District Magistrate, ASR Paderu District, Paderu for favour of kind information.

Copy submitted to the Project Officer, ITDA, Rampachodavaram for information.

Copy to the Sub-Divisional Forest Officer, Rampachodavaram and Addateegala for information and necessary action.

Copy to the Forest Range Officer, Foulkspeta for information and necessary action. He is directed to ensure that no work inviolation of F(C) Act,1980 takes place. He is requested to see that the said proposed work is not commenced in anticipation of the permission.

Copy to the Forest Range Officers, Addateegala and Rajavommangi for information and necessary action.

Divisional Forest Officer, Rampachodavaram Division, Rampachodavaram.

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## SITE INSPECTION NOTE ON CA (DEGRADED FOREST LAND) OVER AN EXTENT OF 27 HA. IN RAJAVOMMANGI RANGE OF RAMPACHODAVRAM DIVISION.

As per the directions issued in hand book of Forest Conservation Act, 1980 guidelines communicated vide GoI, MoEF, New Delhi F.No.5-2/2017-FC, Dt.28-03-2019, and as per the special provisions of the said guidelines, Compensatory Afforestation shall be raised and maintained at the cost of user agency on Compensatory afforestation land in extent the forest land diverted in case of the projects implemented by the Central Government/PSUs and State Sector Projects implemented by the Central Government/PSUs. As per these guidelines, it is mandatory to raise Compensatory Afforestation over an extent of 26.57 ha. In this regard the non-forest land identified by the user agency over an extent of 26.93ha. in Sy.No 13-2A to 13-2F OF Tadikonda village. in lieu of diversion of forest land of 26.57ha. for mining of laterite and mining material transportation(Compartment no.750 of Tadepalli PF, Denduluru RF & Cheruvupalem PF, Foulkspeta & Rampachodavaram Ranges, Rampachodavaram Division) in favour of M/s Rajiv Tribal Q.L.C.C.S Ltd., Maddiveedu village, H/o Tadepalli village.

Further, the identified CA land was an enclosure in Kota R.F., in the middle of the Reserve. The crown density is 0.6. and contains very good regeneration and all tree growth is natural and luxuriant growth of trees such as Konda tangedu, Garugudu, Rewadi, Yerrakarra , Yegisa, Maddi,Juvvi, Gummadi, Neredu, Thada and etc.... There is no possibility to take up plantation in CA area.

The topo map/DGPS map of CA proposed for treatment in Tadikonda village of Y.Ramavaram Mandal of Rampachodavaram Division in an extent of 26.93 ha have been uploaded in PARIVESH portal.

In this regard, I have instructed to the Forest Range Officer, Rajavommangi to identify the degraded forest land over an extent of 27.00ha. In this connection, the Forest Range Officer, Rajavommangi identified the 27ha degraded forest land identified in Compt No 530, Rajavommangi RF of Rajavommangi Beat of Rajavommangi Range.

The FRO Rajavommangi has inspected the above degraded forest land area along with concerned staff on 29.04.2023 and submitted remarks as follows.

The basic aim of the present scheme is to compensate the loss sustained due to the diversion of the forest land and to protect and develop in extent of Compensatory afforestation land into artificial forest with main emphasis on protection of soil from erosion through soil and moisture conservation works.

**CA AREA PROPOSED FOR TRATMENT:** The following forest area is identified for raising Compensatory afforestation, over an extent of 27.00 ha. in Rajavommangi Range of Rampachodavram division of ASR Paderu district as follows:

SI. No.	Name of the Range	Name of the area	Total extent of area	Compt.No	Treatment Proposed area (in ha)
1	Rajavommangi	Rajavommangi RF	27.00ha.	Compt No 530	27 ha

The CA scheme is prepared for Rs.143.50 lakh with the following items.

SI. No.	Intervention	Physical (Qty)	Financial out lay Rs.in lakh
Ι	Nursery Establishment	(40)	lay KS.III lakii
la faire	1. Nursery raising (Misc., species)	38530	10.038
II	Creation		10.030
	Nursery maintenance	38530	3.889
	2. Advance and Raising of plantations with mangrove Plantation (800 plants per ha)	26.57 ha	20.135
III	Maintenance of plantations		
	1st year maintenance	26.57 ha	5.162
	2nd year maintenance	26.57 ha	5.642
	3rd year maintenance	26.57 ha	4.573
	4th year maintenance	26.57 ha	5.030
	5th year maintenance	26.57 ha	5.533
	6th year maintenance	26.57 ha	6.087
	7th year maintenance	26.57 ha	6.695
	8th year maintenance	26.57 ha	7.365
	9th year maintenance	26.57 ha	8.101
	10th year maintenance	26.57 ha	8.911
IV	Providing barbed wire fencing &maintenence	700 RMT	16.915
V	SMC works		22.50
V	Over heads		13.424
	Grand Total		150.00

The Compensatory afforestation scheme is prepared with a financial out lay of Rs.150.00 lakh for implementation over a period of 10 years and year wise details are furnished in the statement of Compensatory afforestation Scheme and the same is enclosed herewith.

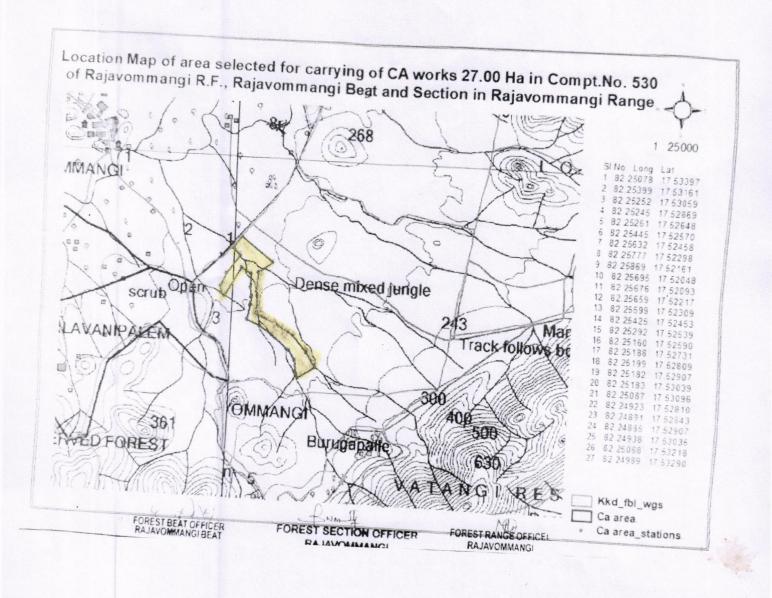
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Divisional Forest Officer Rampachodavaram Division, Rampachodavaram

Rampachodavaram

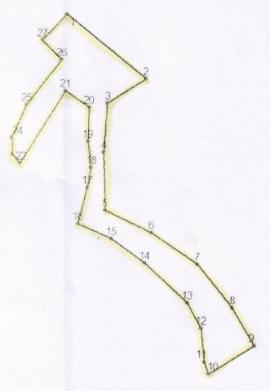
						Action	Plan P	ropos	als und	er Com	pensa	tory A	Affore	statio	on in t	he ov	er 26	.57ha	in ext	ent to	the a	rea of	Fore	st Lan	d utilis	ed fo	r Raji	v Triba	l Q.L	.c.c.s	Ltd								
SI.	Description		2023-24			2024-25			2025-26			2026-2			2027-2	8		2028-2	.9		2029-30	0		2030-	31	1	2031-3	32		2032-	33	_	2033-3			2034-3		_	Total
No.	Description	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate	Fin	Phy	Rate			Rate			Rate		Phy	Rate	Fin		Rate			Rate			Rate			Rate	Fin	Phy	Fin
1	2	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	30	31	32	33	34	35	36	37	38	39	40
1 1 1	Nursery raising (NTSH species)	43840	0.200	8.768																																		43840	8.76
	Nursery Maintenance	43040	0.200	0.700		0.0569	2.492				1																											43840	2.49
3 8	Advance operations &Raising of plantation Mangrove Plantation				26.57	0.710	18.865																					A										27	18.86
4 1	Lst year maintenance							26.57	0.1417	3.765	5																			1								27	3.76
5 2	2nd year mainteanace										26.57	0.155	4.105												1	1	T		T			-						27	4.10
-	Brd year maintenance		1	-	1					_	_	1		_	0.109	2.88													1			1						27	2.88
-	th year maintenance		_	_	-		-			-	1	-	_		-	1	-	0 119	3.171	_		_		1	1	1	_		1	1		_	_					27	3.17
	oth year maintenance		-	-	+	-			-	-	-	-	-		-	-	20.57	0.113	3.171		0.131	3 488	-	-	<del>                                     </del>	+	-	-	+	+-	-	+	-		-	$\vdash$		27	3.48
	oth year maintenance		-	-	+	<del> </del>		<del>                                     </del>		-	-	<del> </del>			_	_	_	-	-	20.57	0.131	3.400		0.144	3.837	,	1		+	1		1	1					27	3.83
	th year maintenance				-						_	_	_		-	_					-			1	-		0.159	4.221	1	1		1						27	4.22
	8th year maintenance																												26.5	7 0.175	4.643	3						27	4.64
	th year maintenance																															26.57	0.192	5.107				27	5.10
13 1	Oth year maintenance																																		26.57	0.211	5.618	27	5.61
	Vatch and ward for nursery	1	1.2698	1.270	1	1.39682	1.397																															1	2.66
	Vatch and ward for Plantation	0	0	0.000	1	0.10582	1.270	1	0.1164	1.397	1	0.128	1.537	1	0.141	1.690	1	0.155	1.859	1	0.17	2.045	1	0.187	2.250	1	0.206	2.475	1	0.23	2.722	2 1	0.25	2.994	1	0.27	3.294	1	23.53
16	roviding barbed wire encing	2100 Rmt	519.75	10.915																																		2000 Rmt	10.91
17	Maintenance of barbed vire							2100	LS	1.500							2000 Rmt	LS	1.500							2000 Rmt	LS	1.500							2000R mt	LS	1.500		6.00
a S 18 ir	MC Works in CA area nd Ca degraded area ( olar Water Bore ncluding Cement concrete saucer pit, T/MPT, RFD, Check lams etc.		2	9	1 No	Solar bore	5.000	2 No	CD	10.000		PT/ MPT		5 nos			5 Nos	Saucer pits	1.000	LS	Maint. Of SMC works	0.5	LS	Maint. Of SMC works	0.5	ıs	Maint. Of SMC works	0.5	LS	Maint . Of SMC works	0.5	LS	Maint . Of SMC works	0.5	LS	Maint . Of SMC works	0.5		22.50
	Total:			20.953			29.024			16.662			8.142			5.573			7.530			6.033			6.587			8.695			7.865			8.601			10.911		136.57
16 0	over heads			2.095			2.902			1.666			0.814			0.557			0.753			0.603			0.659			0.870			0.786	5		0.860			0.858		13.42
	Grand total:			23.048			31.926			18.328			8.956			6.130			8.283			6.637			7.245			9.565			8.651			9.461			11.769		150.000

Rampachodavaram Division Rampachodavaram.



Surveyed sketch of area selected for carrying of CA works 27.00 Ha in Compt.No. 530 of Rajavommangi R.F., Rajavommangi Beat and Section in Rajavommangi Range





Ca area

Ca area\_stations

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RAJAVOMMANGI BEAT

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## SITE INSPECTION NOTE ON SZA (DEGRADED FOREST LAND) OVER AN EXTENT OF 2.10 HA. IN RAJAVOMMANGI RANGE OF RAMPACHODAVRAM DIVISION.

As per the directions issued in hand book of Forest Conservation Act, 1980 guidelines communicated vide GoI, MoEF, New Delhi F. No. 11-125/2014 - FC Dt.04-07-2014, and as per the special provisions of the said guidelines, Afforestation on degraded forest land, to be selected elsewhere.. one and half times the area under safety zone shall also be done by the user agency at the project cost under the supervision of the State Forest Department. As per these guidelines, it is mandatory to raise plantations in degraded forest area over an extent of 2.10 ha.

In this regard, I have instructed to the Forest Range Officer, Rajavommangi to identify the degraded forest land over an extent of 2.10ha. In this connection, the Forest Range Officer, Rajavommangi identified the 2.10ha degraded forest land identified in Compt No 530, Rajavommangi RF of Rajavommangi Beat of Rajavommangi Range.

The FRO Rajavommangi has inspected the above degraded forest land area along with concerned staff on 17.05.2023 and submitted remarks as follows.

The basic aim of the present scheme is to compensate the loss sustained due to the diversion of the forest land and to protect and develop in extent of safety zone land into artificial forest with main emphasis on protection of soil from erosion through soil and moisture conservation works.

**SZA AREA PROPOSED FOR TREATMENT:** The following forest area is identified for raising ANR plantation, over an extent of 2.10 ha. in Rajavommangi Range of Rampachodavram division of ASR Paderu district as follows:

SI. No.	Name of the Range	Name of the area	Total extent of area	Compt.No	Treatment Proposed area (in ha)
1	Rajavommangi	Rajavommangi RF	2.10ha.	Compt No 530	2.10 ha

The SZA scheme is prepared for Rs.1.7696 lakh with the following items.

SI. No.	Intervention	Physical (Qty)	Financial out lay Rs.in lakh
I	Nursery Establishment	(401)	iay nominani
	Nursery raising (Misc., species)	38530	0.310
II	Creation	pilosalb - fu	15 g RA
	Nursery maintenance	38530	0.097
a ve	2. Advance and Raising of plantations with mangrove Plantation (800 plants per ha)	2.1 ha	0.064
III	Maintenance of plantations		
	1st year maintenance	2.1 ha	0.080
	2nd year maintenance	2.1 ha	0.025
	3rd year maintenance	2.1 ha	0.026
: Jeb	4th year maintenance	2.1 ha	0.029
	5th year maintenance	2.1 ha	0.031
	6th year maintenance	2.1 ha	0.035
	7th year maintenance	2.1 ha	0.038
MAG	8th year maintenance	2.1 ha	0.042
	9th year maintenance	2.1 ha	0.046
02.3	10th year maintenance	2.1 ha	0.051
IV	Providing Bio fencing	1500 RMT	0.540
٧	Over heads		0.161
	Grand Total	Light Dates (Co. 100)	1.7696

The SZA scheme is prepared with a financial out lay of Rs.1.7696 lakh for implementation over a period of 12 years and year wise details are furnished in the statement of Safety Zone Area Scheme and the same is enclosed herewith.

Divisional Forest Officer Rampachodavaram Division, Rampachodavaram

12/5/2027

Statement showing the Operations for 2.10 Ha degraded forest Land for Safety Zone Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per FSR 2022-23) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

SI.	Name of the work	Uni	t Cost	20	23-24	202	4-25	202	5-26	2026	6-27	202	7-28	202	3-29	202	29-30	203	0-31	203	1-32	203	32-33	203	3-34	203	34-35	An	nount
NO		Per	Rate	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Raising of Nursery 8 x 12 Bag	nursery														1		1		,	1	1 119	1 111	Tity	1 111	Fily	r iii	Fily	FIII
	Each seedling rate Rs 20/-	1No	20	1550	0.31																							3180	0.636
	1st Year maintenance of Nursery (each seedling Rs. 6.2535)	1No	6.2535			1550	0.097																					3180	0.199
1	Plantations (SMM Method)				T																								
1	Advance operations	1 Ha	0.03031	2.1	0.0637																				-	-		2.1	0.06365
	Raising of Planttions including Cost of Tall seedlings	1 Ha	0.09220			2.1	0.194																					2.1	0.19363
3	1st Year maintenance	1 Ha	0.03821					2.1	0.08																-	-		2.1	0.08023
4	2nd Year maintenance	1 Ha	0.01170		Santa and Australia	Fallstalling	CSUMMENT OF	a section		2.1	0.025	niekus Lei																2.1	0.02456
5	3rd Year maintenance	1 Ha	0.01248									2.1	0.026															2.1	0.02430
6	4th Year maintenance	1 Ha	0.013728		W		1							2.1	0.029									-				2.1	0.02883
7	5th Year maintenance	1 Ha	0.015101													2.1	0.0317											2.1	0.03171
8	6th Year maintenance	1 Ha	0.016611	100000														2.1	0.035									2.1	0.03488
9	7th Year maintenance	1 Ha	0.018272																	2.1	0.038							2.1	0.03837
10	8th Year maintenance	1 Ha	0.020099																			2.1	0.0422					2.1	0.04221
11	9th Year maintenance	1 Ha	0.022109				1 1 1 1																0.0	2.1	0.046			2.1	0.04643
	10th Year maintenance	1 Ha	0.02432																							2.1	0.0511	2.1	0.05107
	Sub-Total				0.3737		0.291		0.08		0.025	7	0.026		0.029		0.0317		0.035		0.038		0.0422		0.046		0.0511	0	1.0687
	Brushwood Fencing								1																				110001
1	Erection of Brushwood fencing around the Degraded CA Plantation					1500	0.54																					1500	0.54
	Sub-Total						0.54		0		0		0		0		0		0		0		0		0		0		0.540
	Sub Total of plantation cost				0.3737		0.831		0.08		0.025	12	0.026		0.029		0.0317		0.035		0.038		0.0422		0.046		0.0511		1,6087
/	Administraction cost @ 10% on total plantation cost (maintenance of records and other misc., exp)				0.0374		0.083		0.008		0.002		0.003		0.003		0.0032		0.003		0.004		0.004		0.005		0.0051		0.1609
*	Sub-Total				0.0374		0.083		0.008		0.002		0.003		0.003		0.003		0.003		0.004		0.004		0.005	90	0.005	in the second	0.16087
	Grand Total				0.411		0.914		0.088		0.027	1115-111	0.029		0.032		0.0349		0.038		0.042	7.5 (1.0)	0.046	1	0,051		0.0562		1.7696

Rampachodavaram Division

Rampachodavaram

Raising Operations for 2.10 Ha degraded forest Land for Safety Zone Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per FSR 2022-23) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

Per ha. 200 plants Area: 2.10 ha. Amount Add 25 Rate Per FSR 2022 Total (Rs.) Qty. SI. % AA Description of work (Rs.) 23 No 9 8 6 4 5 3 1 Cost of 0.45 m stake - preparation and 257 100 transportation to site ( GO Ms No.27, PR & 61.17 0.00 61.17 420 2.2.1 RD (RD-II) Dept. Dt.22.04.2021, RSSR SL.no.18c) Alignment and fixing of planting point with 482 100 0.45 meters length sticks (GO Ms No.27. 0.00 114.72 114.72 420 2.2.6 PR & RD (RD-II) Dept. Dt.22.04.2021, RSSR SL.no.18b) Digging of 45 cm. cube pits (0.45 x 0.45 x 9366 1 0.45 = 0.091 x 245/- cum=22.30/ each (GO 22.30 22.30 0.00 420 2.3.2 Ms No.27. PR & RD (RD-II) Dept. Dt.22,04.2021, RSSR SL.no.7e) Transport of Bag plants from Rowthulapudi Nursery to plantation site including loading and unloading 5 km lead (approved in Prl CCF (HoFF), A.P., Hyderabad Rc. No. 9443/2012/CAMPA, dt. 26.06.2012) 20 x 30 cm (8"x12") bag plants including casuvalities (280\*20%=280+56=336) lead up to 25 km. 2.4.4 = 383.60 1st lead 5 Km 2.4.8 Next 20 km x14.94 (per km = 298.80 573 100 682.40 682.40 84 Total = 682.40 Internal transport of tall plants for 200 casualities (GO Ms No.27. PR & RD (RD-II) 100 237.58 0.00 237.58 84 2.4.12 Dept. Dt.22.04.2021, RSSR.SL. No.18 category-I d (ii) Planting in 0.45 X 0.45 X 0.45 Size pit @ 375 4.47/- each including Casualities (GO Ms 1 4.47 4.47 84 2.5.7 No.27 PR & RD (RD-II) Dt.22.04.2021, SL. No.18 (e) ii.) Formation of saucer around the plant (At 463 110.29 100 0 110.29 420 2.7.3 the time of planting) during June / July) Cost of Chemical fertilisers (50gm, SSP for basal dressing, 20 gm. DAP after planting As per 420 1 0.00 420 1 for 30 cm3 & 45 cm3 pits) for all plantations actual in raising year Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow 213 50.80 100 0.00 50.80 420 2.5.4 bar . 10 cm. away from plant amd putting fertilizers and closing Reopening of 45 cm. cube pits (0.45 x 0.45 4572 11.15 1 0.00 410 11.15 2.3.28 x 0.45 = 0.091 x 245/-=22.30/2=11.15 1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / 149.83 100 629 0.00 August and 2nd time during September / 149.83 2.7.4 420 October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012)

SI.	Description of work	FSR 2022 23	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amoun (Ra.)
No					6	7	8	9
1	2	3	4	5				
12	2nd Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September /	2.7.4	420	149.83	0.00	149.83	100	629
13	Soil working to a radius of 0.5 m. and to a	2.7.5	420	264.20	0.00	264.2	100	1110
14	Providing Plantation/Nursery board,	5.4.25	1	1894.74	0.00	1894.74	1	1895
		LS	<b> </b>					
15	Contengencies		-					21667
	Total				L	J	A	

Add 20%

4333 26000

Forest Beat Officer Rajavommangi Forest Section Officer, Rajavommangi

1st Year Maintenance Operations for 2.10 Ha degraded forest Land for Safety Zone Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per FSR 2022-23) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

ra <b>a</b> .	2.10 Ha					Per Ha 2	00 Pla	nts
61. No	Description of work	FSR 2022- 23	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)
1	2	3	4	5	6	7	8	9
-	= Doughulanudi N	lursery to	plantati	on site ind	duding lo	ading		
1	and unloading 5 km lead (approved in Pri Cl 9443/2012/CAMPA, dt. 26.06.2012) 20 x 30 (2052*25%=513) lead up to 25 km.	cm (8"x1:						
	1st lead 5 Km = 383.60	2.4.4				-		
	Next 20 km x14.94 (per km = 298.80	2.4.8				000 40	100	717
	Total = 682.40		105	682.40		682.40	100	
2	Internal transport of tall plants for casualities (GO Ms No.27. PR & RD (RD-II) Dept. Dt.22.04.2021, RSSR.SL. No.18	2.4.12	105	237.6	0.00	237.58	100	249
3	Category-I d (ii)  Digging of 45 cm. cube pits (0.45 x 0.45 x 0.45 x 0.45 = 0.091 x 245/- cum=22.30/ each (GO Ms No.27. PR & RD (RD-II) Dept. Dt 22.04.2021, RSSR SL.no.7e)	232	105	22.30	0	22.30	1	2342
4	Planting in 0.45 X 0.45 X 0.45 Size pit @	2.5.7	105	4.47	0	4.47	1	469
5	October (PCCF Rc.No. 9443/ 2012)	2.7.4	420	149.83	0	149.83	100	629
6	2nd Circular Weeding to a radius of 0.5 m around the plant - 2nd time during September / October (PCCF Rc.No. 9443 2012/ CAMPA, dt.05.10.2012 ) 2nd time	2.7.4	420	149.83	0	149.83	100	629
7	Last Docomber	2,7.5	420	264.20	0	264.2	100	1110
_	Contengencies cost binding wire etc (FSR	LS						124
8	Spl. Cond.43)	+						6269
	Total		,					

Add 30 %

1881 8150

Forest Beat Officer Rajavommangi Forest Section Officer, Rajavommangi

Brushwood fencing for for 2.10 Ha degraded forest Land for Safety Zone Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per FSR 2022-23) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

FSR

2022-23

3

5.3.1

LS

Area: 2.10 ha.

SI.

No

1

25	dd %	Total	Per	Amount (Rs.)
1	A_ 6	7	8	9
0.	00	29.54	4	44310

Add 20%

9000

690

45000

Forest Beat Officer Rajavommangi

Description of work

2

Brush wood fencing around the planting area. Thorny fencing with sturdy thorn

material of 10 cm girth (at the butt end) and

fixing in crow bar holes and strengthening

with stone packing.

2 Contengencies

Total

Forest Section Officer Rajavommangi

Rate

(Rs.)

5

29.54

Qty.

1500

Data for raising of 8" X 12" Bag nurseryfor 2.10 Ha degraded forest Land for Safety Zone
Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of
Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per FSR 202223) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

			Scheme	CAMPA-NPV	0% esca	lation for	2023-24	}
sı.	No.	Quan tity	Scheme s adopted as per FSR 20 Description of the Work	FSR item 2019-20	Unit	Rate	Per	Total Amount
	1	11.64	Cost of Polythene bags @ 151.04/- per kg (8 X 12 - 400/3300 = 11,636 per kg) including VAT	1.7.13 As per local market rate	Kgs	166.14	Kg	1933
er et este e	2	1000	Site Preparation - New site - Clearing of growth, uprootal of stumps, and removal of surface stones, rubbish of all sorts etc	1.7.1	no	98.84	1000	99
	3	1000	Cost and transport of Ingredients for potting mixture Red earth, Sand, Tank silt / Clay and FYM/Verml compost in 2:1:1:1 Ratio. 20cm X 30 cm (8"x12")-3.82 cum (Data as per CSSR)	1.7.6	no	2027.47	1000	2027
	4	1000	20cmX30cm (8"X12") 3.82	1.7.11	no	4227.75	1000	4228
	5		cum Pricking out seedlings from primary beds and transplanting in bags	1.9.7	no	210.42	1000	210
	6	250	Replacement of Casualties upto a maximum of 25%	1.9.7	no	210.42	1000	53
	7	1000	Watering the bag nursery from November to March Twice a day for 5 months	1.10.14	no	486.15	1000 / Watering	2431
	8	1000	Weeding only two times for 10m X 1m X size bed 20cmX30cm (8"X12") bags (800nos/ bed)	1 10 18	no	93.75	1000 / weeding	375 /
	9	1000	Tehiffing grading and	1.11.4	no	393.86	1000	394

Rate for raising of 1000 nos NTSHW 8x12 size bag seedlings =Rs.20000/-. Therefore the rate per each seedling =2000/1000=20.00

Forest Beat Officer Rajavommangi Forest Section Officer, Rajavommangi

2nd Year Maintenance Operations for 2.10 Ha degraded forest Land for Safety Zone Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per

FSR 2022-23) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

SI.	FSR 2022-23) for the favou	FSR 2022-23	Qty.	Rate (Rs.)	Add 25 % AA 6	Total 7	Per 8	Amount (Rs.)
No								
	1	3						
	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October 10005 Bc No. 9443/ 2012/ CAMPA.	2.7.4	420	149.83	0	149.8	100	629
	dt 05 10.2012)		420	264.20	0	264.2	100	1110
2	of 15 cm around the plant during treatment of 15 cm around the 15 cm arou	2.1.0	-		-			40
3	Contingencies and other unforeseen expenditure.	LS			-			1779
	Total							

Add 40 %

711

2490

Forest Beat Officer Rajavommangi

Rajavommangi

Rajavommangi

3rd Year Maintenance Operations for 2.10 Ha degraded forest Land for Safety Zone Afforestation in Compartment No. 530 of Rajavommangi RF of Rajavommangi Beat of Rajavommangi Section in Rampachodavaram Division of Rajahmundry Circle (As per FSR 2022-23) for the favour of Rajiv Tribal Q.L.C.C.S Ltd.,

SI. No	Doscription of work	FSR 2022- 23 3	Qiy.	Rate (Rs.)	Add 25 % AA 6	Total	Per 8	Amount (Rs.)
2	Soil working to a radius of 0.5 m, and to a depth of 15 cm around the plant during November/ December.	2.7.5	420	264.20	0	264.2	100	1110
3	Contingencies and other unforeseen expenditure,	LS						34
	Total							1773

Add 50 %

887

2660

Forest Beat Officer Rajavommangi Forest Section Officer, Rajavommangi

