

**Annexure -19**

**Compensatory Afforestation Scheme for Double Degraded Forest Area under FCA Proposals**

**(Erection work of 66KV Panther Tower Line from exist 66KV Karanjkhed Substation to exist 66KV Chunawadi substation under Kisan Suryodaya Yojna) (Vyara Division 7.8048 ha)**

Detailed scheme of Compensatory Afforestation for Double Degraded Forest area 16.00 ha. To be carried out in lieu of 7.8048 ha. of Forest land to be diverted in Tapi District.

**1. Details of Non Forest Land.**

District	Taluka	Range	Division	Village	Survey No.	Compartment No.	Coupe No.	Compensatory Afforestation Area (Ha.)
Tapi	Songadh	Tapty	Vyara	Sherula	38	136	2	16.00

**2. Description of Area.**

Soil type	Black Clay
Topography	More or less flat, Hilly
Slope	Plain
Whether the area is bearing any root stock of Vegetation	Yes / No

**3. Name of Plantation Programme :** Compensatory Afforestation Scheme for Double Degraded Forest Areas acquired under FCA proposals for as also for CAMPA & NPV project plantations.

**4. Schedule of Plantation Programme :**

(i)	The Compensatory Afforestation on Double degraded forest land area would be started by Deputy Conservator of Forest Tapi Division as early as possible after the proposal is formally approved.
(ii)	Compensatory Afforestation will be done in 16.00 ha. Area. The total afforestation cost will be about Rs.78,06,448/- Executive Engineer, (Const.) GETCO, Navsari, Dist. Navsari has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (including the price escalation and supervision charges).

**5. Technical Details :**

Technical details of Compensatory Afforestation are as Follows :

Sr. No.	Details	Specification
a	General Details	The C.A. will be taken under Compensatory Afforestation for double degraded forest Areas. The prevailing wages rate is 340.20 per day.



b	Spacement	3 x 3 mtr., 1111 plants per ha.		
c	Species to be planted (No. of Plants per ha.)	<b>Species</b>	<b>Plants</b>	<b>Plants Height</b>
		Khair	200	65 cm
		Teak	300	Stump of minimum 6 cm girth
		Bamboo	100	65 mc
		Behedo, Biyo, Arduso	100	90 mc
		Sadad, Arjun Sadad, Kilai	100	90 cm
		Aashitro, Sitafal, Karmda, Ragat-rohano etc.	100	50 cm
		Sisam, Garmalo, Billi, Asan, Sargvo etc	100	65 cm
		Tans, Kusum, Kalam, Amla, Karanj & Others	111	75 cm
		<b>Total</b>	<b>1111</b>	
d	Nursery Technique	Nine months old polypot raised plants will be planted at the onset of monsoon.		
e	Site Preparation	The malformed rootstock present in the area will be cutback & the site will be cleaned in the month of Nov-Dec. Alignment & pit digging 45 x 45 x 45 cms. will be carried out in the month of Dec-Jan.		
f	Plantation Method	Polypot raised plants will be planted during monsoon.		

g	Soil & Moisture Conservation Works	<p>(i) Pucca structure like Check dam, check wall, retaining wall</p> <p>(ii) Contour trenches 2.00 x 0.45 x 0.30, 300 Nos/ha. will be dug along the contour line. The dug out soil will be heaped on the down ward side. Gully plugging &amp; Nala Banding using the loose stone available in the area will be carried out as per requirement. Seeds of Acacia and thorny Etc. will be planted during monsoon in the upper side of nala as per suitability.</p>
h	Protection Trench	Barbed wire fencing, Seed sowing and planting of cuttings of Ipomea / Glaricidia along the fence.



i	Silvicultural Operations	1 <sup>st</sup> year three weeding soil working, Support watering will be provided if needed. 2 <sup>nd</sup> year two weeding soil working. 3 <sup>rd</sup> year one weeding soil working.
j	Maintenance	It is proposed to maintain the Plantation up to ten years.
k	Subsequent Silvicultural Operation	Cleaning, Cutkacks, thinning etc. (as per species specific requirement) will be carried out at the age as per prescribed in the working plan.
l	Proposed monitoring mechanism	(i) A plantation register to be maintained. (ii) Monitoring is to be done as per the following norms. Forester – 100% RFO – 100% ACF – 20% DCF – 10% (iii) The results of survival etc. are maintained in the plantation register on a periodical basis, which is updated at the end of September and March each year. (iv) The collar girth is also to be reordered at the end of each year. (v) At the end of maintenance period, the area is aimed at full stocking and pole crop girth for all the species, except bamboo. (vi) Bamboo would be of the harvestable size by the end of 4 <sup>th</sup> year. (vii) Third party monitoring mechanism is also in the State and if the plantation in the sample selected, it will also be monitored by the third party selected for this purpose.
m	Regeneration cleaning	Promotion of root suckers.
n	Silviculture & other activities	Only afforestation aimed plantation will be taken up, as the area falls under degraded forest land.

(Anandkumar S.)  
Dy. Conservator of Forest  
Vyara

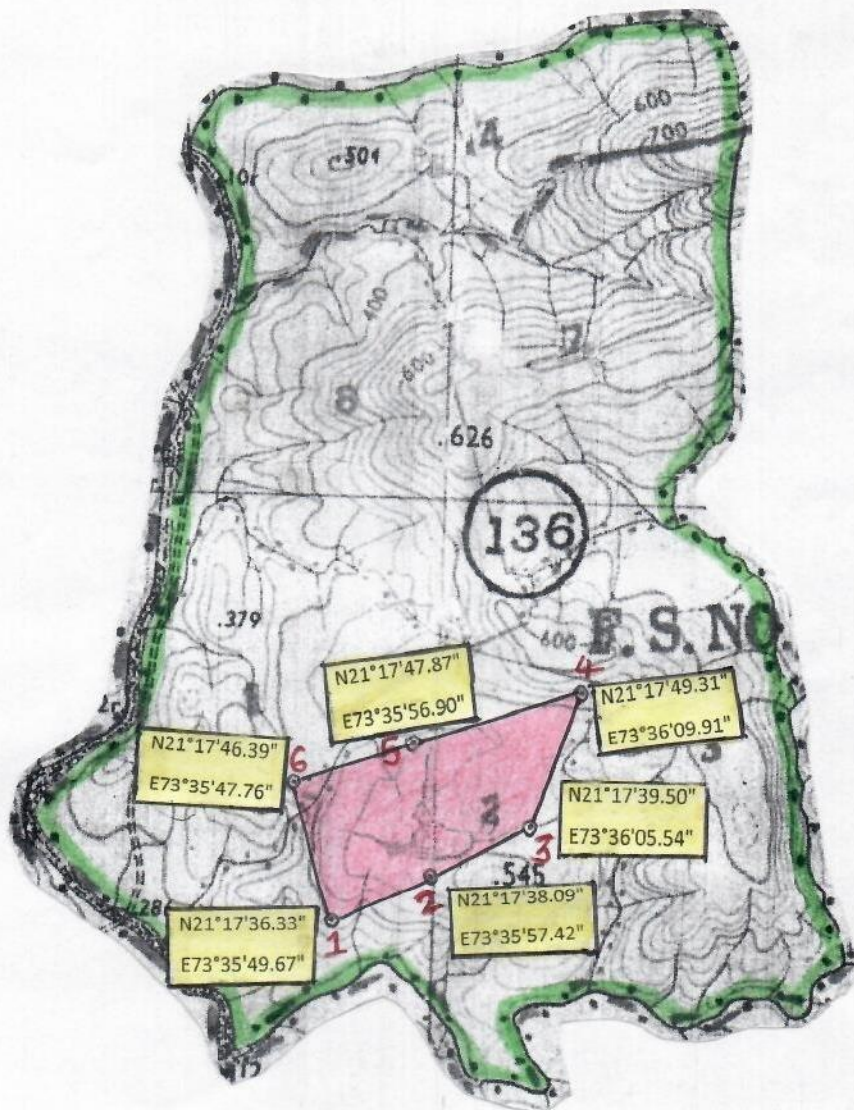
**The Compensatory Afforestation scheme at the cost of Rs.78,06,448/- is technically and administrative approved by the undersigned.**

(Anandkumar S.)  
Dy. Conservator of Forest  
Vyara

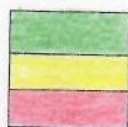


125  
Location map of degraded forest identify for comp. affo. against the proposal for diversion of 7.8048 ha. R.F. to be diverted for non-forest purpose for Erection of 66KV D/C tower line from Existing 66KV Karanjkhed substation to Existing 66KV Chunawadi substation under Kisan suryodaya Yojna.

Village	: Sherula	Survey No.	: 38
Taluka	: Songadh	Compa.No.	: 136
Range	: Tapty	Coupe No.	: 2
District	: Tapi	F.S.No.	: VIII
Division	: Vyara	Working Circle	: Impro.W.C.
		Comp.Affo. Area.	: 16.00



- (1) Forest Area.
- (2) Revenue Area.
- (3) Compe. Affo. Area



Scale 1 C.M. = 158.40

*(Anandkumar S.)*  
Dy. Conservator of Forest



# Sherula C. A. Land

16.00 ha.  
Model-3 Plantation

- Legend
- Feature 1
  - Serula-136



Google Earth

Image © 2021 Maxar Technologies

By: Conservator of Forests  
Vvara

300 m



ANNEXURE - 20

**CERTIFICATE FROM THE DCF REGARDING NON-FOREST LAND  
FOR COMPENSATORY AFFORESTATION**

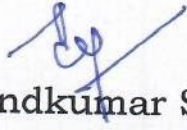
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**(Erection work of 66KV Panther Tower Line from exist 66KV Karanjkhed Substation to exist 66KV Chunawadi substation under Kisan Suryodaya Yojna) (Vyara Division 7.8048 ha)**

----- Not Applicable -----

Date : 30/10/2021

Place: Vyara

  
(Anandkumar S.)  
Dy. Conservator of Forest  
Vyara

**ANNEXURE – 21****“SUITABILITY CERTIFICATE FROM DY.C.F. THAT THE  
LAND IDENTIFIED FOR COMPENSATORY  
AFFORESTATION IS SUITABLE FOR RAISING  
PLANTATION”**

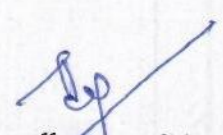
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**(Erection work of 66KV Panther Tower Line from exist 66KV Karanjkhed Substation to exist 66KV Chunawadi substation under Kisan Suryodaya Yojna) (Vyara Division 7.8048 ha)**

----- Attached herewith-----

Date : 30 / 10 / 2021

Place : Vyara

  
(Anandkumar S.)  
Dy. Conservator of Forests  
Vyara



**ANNEXURE – 21(A)****“SUITABILITY CERTIFICATE FROM DY.C.F. THAT THE  
LAND IDENTIFIED FOR COMPENSATORY  
AFFORESTATION IS SUITABLE FOR RAISING  
PLANTATION”**

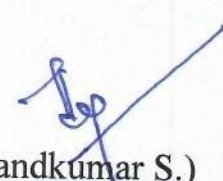
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**(Erection work of 66KV Panther Tower Line from exist 66KV Karanjkhed Substation to exist 66KV Chunawadi substation under Kisan Suryodaya Yojna) (Vyara Division 7.8048 ha)**

This is to certify that I have visited 16.00 ha. Area of Degraded Reserve forest (for taking up 7.8048 ha. of C.A.) Village: Sherula, Coupe No.2pt, Compp. No.136 Taluka:Songadh, Dist: Tapi on 27./10/2021(date) which has been identified for compensatory afforestation as shown in the location map attached with the Compensatory Afforestation Scheme against the proposal for diversion of 7.8048 ha. of forest land and the said area is suitable for Compensatory Afforestation Scheme suggested in the area is in consonance with the working plan prescriptions; specified the said area.

Date : 30 / 10 / 2021

Place : Vyara

  
(Anandkumar S.)  
Dy. Conservator of Forests  
Vyara