

MODEL No-3 Annexure-4(1)Compensatory Afforestation Scheme for Double Degraded Forest area

Diversion of 0.03279 ha. PF land for construction of 33 KV Panther Line at crossing of Bhuj – Mandvi Road Near Village Asambiya nana in favour of Renew Wind Energy (AP2) pvt.ltd.

(Diversion Area : 0.03279 ha. in Kutch SF)

Detailed scheme of Compensatory Afforestation for degraded area 1.00 ha. to be carried out in lieu of 0.03279 ha. of Forest Land to be diverted in Kutch district.

1. Details :-

Village	Pranpar
Taluka	Lakhpat
Range	Dayapar (North)
District	Kutch
Division	Kutch (West)
Block/ Patal, Compartment No.	S.No.9/1 pt
Area to be afforested	1.00 ha.
Working circle	

2. Description of Area :-

Soil type	Black cotton with Murom
Topography	Plain
Slope	Medium & Gentle
Whether the area is bearing any root stock of Vegetation	Yes

3. Name of Plantation Programme :-
Compensatory Afforestation Scheme for Double Degraded Forest Area.

4. Schedule of Plantation Programme :-

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| (i) | The Compensatory Afforestation on degraded area would be started by Dy. Conservator of Forest, Kutch West Division, Bhuj as early as possible after the proposal is formally approved. |
| (ii) | Compensatory Afforestation will be done in 1.00 ha. area. The total afforestation cost will be about Rs.4,57,385/- Renew Wind Energy (AP2) pvt.ltd. 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	Specifications													
a	General Details	The C.A. will be taken under Compensatory Afforestation for double land on degraded Forest Areas. The prevailing wage rate is 324.50 per / day.													
b	Spacing	3 X 3 mtr., 1111 plants per/ha.													
c	Species to be planted (No. of plants per / ha.)	<table> <tr> <td>Desi Baval</td><td>667</td><td rowspan="6">Minimum planting height will be 30 cm. at the time of planting. However it will vary for different species.</td></tr> <tr> <td>Pilu</td><td>333</td></tr> <tr> <td>Gugal</td><td>37</td></tr> <tr> <td>Gundi (Liyar)</td><td>37</td></tr> <tr> <td>Khijado</td><td>37</td></tr> <tr> <td>Total</td><td>1111</td></tr> </table>	Desi Baval	667	Minimum planting height will be 30 cm. at the time of planting. However it will vary for different species.	Pilu	333	Gugal	37	Gundi (Liyar)	37	Khijado	37	Total	1111
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Total	1111														
d	Nursery Technique	Nine months old polypot raised plants will be planted at the onset of monsoon.													
e	Site Preparation	Site cleaning of area and 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) SMC structure like Chek dam, Chek wall, retaining wall, Van talav, Earthen bund, and Loose boulder.</p> <p>(ii) Contour trenches 2.00 x 0.45 x 0.30, 300 Nos/ha. as per site specific condition will be carried out of Gully plugging & Nala Banding using The loose stone available in the area will be carried out as per requirement. Seeds of Pillu, Desi baval ...etc. will be planted during monsoon in the upper side of nala as per suitability.</p>													
h	Protection Trench	Protection trench, Barbed wire fencing Seed showing and planting of cuttings of Desi baval/ Pilu or any local species.													
i	Silvicultural Operations	<p>1st year three weeding soil working, Support watering will be provided if needed.</p> <p>2nd year two weeding soil working.</p> <p>3rd year one weeding soil working.</p>													
j	Maintenance	It is proposed to maintain the Plantation up to ten years.													
k	Subsequent silvicultural Operation	Cleaning, cutbacks, 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	<p>(i) A plantation register is to be maintained.</p> <p>(ii) Monitoring is to be done as per the following norms.</p> <p>Forester – 100%</p> <p>RFO – 100%</p> <p>ACF – 20%</p> <p>DCF – 10%</p> <p>(iii) The results of survival etc. are maintained in the plantation register on a periodical basis, which is updated at the end of November and March each year.</p> <p>(iv) The collar girth is also to be reordered at the end of each year.</p> <p>(v) Third party monitoring mechanism is also in the State and if the plantation is in the sample selected, it will also be monitored by the third party selected for this purpose.</p>
m	Regeneration cleaning	Soil working around natural regeneration.
n	Silviculture & other activities	Only afforestation aimed plantation will be taken up, as the area falls under degraded forest land.



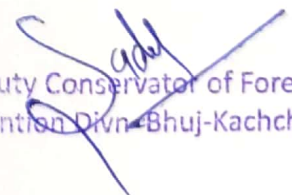
(Tushar B. Patel)
Dy. Conservator of Forests
Kutch West Division, Bhuj

The Compensatory Afforestation scheme at the cost of **Rs.4,57,385/-** is technically and administrative approved by the undersigned.



(Tushar B. Patel)
Dy. Conservator of Forests
Kutch West Division, Bhuj

As per APCCF, Land, Gandhinagar letter dated: 18/11/2019 & 27/11/2019



Deputy Conservator of Forest
Extension Divn Bhuj-Kachchh