

Compensatory Afforestation Scheme for Double Degraded Area

Diversion of 0.0346 ha forest land of Kutch Social Forest division for construction of 33 KV transmission line from Ratadiya PSS, Taluka- Nakhatrana to Adani Wind Energy Kutchh Five Limited's wind turbine locations proposed at Ratadiya, Amara, Vigodi, Khirasara, Rampar villages, Ta: Nakhatrana, Dist. Kutch, in favour of Adani Wind Energy Kutchh Five Limited. (Proposed diversion area: 0.0346 ha.)

Detailed scheme of Compensatory Afforestation for 1.00 ha. Degraded forest area to be carried out in lieu of 0.0346 ha. of Roas side PF land to be diverted in Kutch Social Forest Division. Bhuj

1. Details of degraded area:

Village	Vandh
Taluka	Mandvi
Range	Mandvi
District	Kutch
Division	Kutch - West
Block/ Patal, Compartment No.	T.S. No.418 paiki
Area to be afforested	1.00 ha.

2. Description of area:

Soil type	Hard Soil
Topography	Slopy
Slope	Medium & Gentle
Whether the area is bearing any root stock of vegetation	Yes

3. Name of Plantation Programme:

Compensatory Afforestation Scheme for degraded area.

4. Schedule of Plantation programme:

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| (i) The Compensatory Afforestation on Degraded forest area would be started by Dy. Conservator of Forest, Kutch West Division, Bhuj as early as possible after the proposal is approved. |
| (ii) Compensatory Afforestation will be done in 1.00 ha. area. The total afforestation cost will be about Rs. 4,79,646/- Adani Wind Energy Kutchh Five Limited., Ahmedabad 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 Compensatory Afforestation taken for Degraded forest area. The prevailing daily wage rate is Rs.340.20 per/day.									
b	Spacement	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>444</td><td rowspan="4">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>444</td></tr> <tr> <td>Gugal</td><td>223</td></tr> <tr> <td>Total</td><td>1111</td></tr> </table>	Desi Baval	444	Minimum planting height will be 30 cm. at the time of planting. However it will vary for different species.	Pilu	444	Gugal	223	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 plan ted during monsoon.									
g	Soil & Moisture Conservation Works	(i) SMC structure like check dam, check wall, retaining wall, Van talav, Earthen bund, and Loose boulder. (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.									
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	1 st year three weeding soil working, Support watering will be provided if needed. 2 nd year two weeding soil working. 3 rd year one weeding soil working.									
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.									

I	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 area.



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

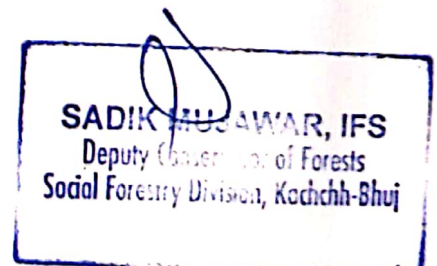
The Compensatory Afforestation scheme at the cost of **Rs. 4,79,646/-** is technically and administrative approved by the undersigned.

Date: / 02 / 2022

Place: Bhuj – Kutch



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



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