

Annexure-19

Compensary Afforestation Scheme for double degraded area

Diversion of 22.00 Ha. Submission the Proposal for tree Cutting for widening of Mehsana-Modhera Road (Sh 134) K.M 0/0 to 25/200 (section 5/200 to 25/200)

Detailed scheme of Compensatory Afforestation for degraded area 44.00 ha. to be carried out in lieu of 22.00 ha. of Protected forest land to be diverted in Mehsana district.

1. Details of degraded land.

Village	Bolundra
Taluka	Idar
Range	Vadali
District	Sabarkantha
Division	Sabarkantha Normal
Block/ Patal, Compartment No.	151
Area to be afforested	44.00 Ha.
Working circle	AWC

2. Description of Area.

Soil type	Black & Starey
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 Degraded Area.

Schedule of Plantation Programme:-

4.


(i)	The Compensatory Afforestation on degraded area would be started by Dy.Conservator of Forest Sabarkantha Division as early as possible after the proposal is formally approved.
(ii)	Compensatory Afforestation will be done in 44.00 ha.area. The total afforestation cost will be about
(iii)	Rs.18,92,5764/-Executive Engineer, R&B Division Mehsana,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 310.40 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>Khair</td><td>250</td><td rowspan="12">Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.</td></tr> <tr> <td>Kanji</td><td>150</td></tr> <tr> <td>Kadaya</td><td>101</td></tr> <tr> <td>Salai</td><td>70</td></tr> <tr> <td>Gunda</td><td>70</td></tr> <tr> <td>Bael</td><td>100</td></tr> <tr> <td>Bamboo</td><td>70</td></tr> <tr> <td>Ardusa</td><td>75</td></tr> <tr> <td>Ragat Royado</td><td>100</td></tr> <tr> <td>Garmalo</td><td>75</td></tr> <tr> <td>kakhro, Dudh Kadi</td><td>50</td></tr> <tr> <td>Total</td><td>1111</td></tr> </table>	Khair	250	Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.	Kanji	150	Kadaya	101	Salai	70	Gunda	70	Bael	100	Bamboo	70	Ardusa	75	Ragat Royado	100	Garmalo	75	kakhro, Dudh Kadi	50	Total	1111
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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 & Nala Banding, small chekdem, Van Talavadi using The loose stone available in the area will be carried out as per requirement. Seeds of Jatropha, Agave plants ...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/Glarcidia along the fence																									

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.
l	Proposed monitoring mechanism	(i) A plantation register is 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 th year. (vii) 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.
m	Regeneration cleaning	Cut-back and promotion of root suckers.
n	Silviculture & other activities	Only afforestation aimed plantation will be taken up, as the area falls under degraded forest land.


Dy. Conservator of Forest
Sabarkantha, Himatnagar

(Dr. Anshuman)
Dy. Conservator of Forests
Extension Division, Mehsana

Detailed scheme of Compensatory Afforestation to be carried out in lieu Diversion of 22.00 Ha. Submission the Proposal for tree Cutting for widening of Mehsana-Modhera Road (SH 134) K.M 0/0
25/200 (section 5/200 to 25/200)

Name of works	Model No.	Area		Amount										Total Rs.	
		H.A.	Hac.	Zero Year Rs.	1st Year Rs.	IInd Year Rs.	IIIrd Year Rs.	IVth Year Rs.	Vth Year Rs.	VIth Year Rs.	VIIth Year Rs.	VIIIth Year Rs.	IXth Year Rs.		Xth Year Rs.
0 Year 70 % Adv.work 1st Year Operation.	Model No.3	44.00	141472	6224768	0	0	0	0	0	0	0	0	0	0	6224768
1st Year 30 % Advance work Current year plantation			92167	0	4055348	0	0	0	0	0	0	0	0	0	4055348
2nd Year operation Maintenance of one year old plantation.			64088	0	0	2819872	0	0	0	0	0	0	0	0	2819872
3rd Year operation Maintenance of 2 years old plantation.			50164	0	0	0	2207216	0	0	0	0	0	0	0	2207216
4th year operation Maint. of 3 years old plantation.			17436	0	0	0	0	767184	0	0	0	0	0	0	767184
5th year operation Maint. of 4 years old plantation.			9341	0	0	0	0	0	411004	0	0	0	0	0	411004
6th year operation Maint. of 5 years old plantation.			9925	0	0	0	0	0	0	436700	0	0	0	0	436700
7th year operation Maint. of 6 years old plantation.			10509	0	0	0	0	0	0	0	462396	0	0	0	462396
8th year operation Maint. of 7 years old plantation.			11093	0	0	0	0	0	0	0	0	488092	0	0	488092
9th year operation Maint. of 8 years old plantation.			11676	0	0	0	0	0	0	0	0	0	513744	0	513744
10th year operation Maint. of 9 years old plantation.			12260	0	0	0	0	0	0	0	0	0	0	539440	539440
Total			430131	6224768	4055348	2819872	2207216	767184	411004	436700	462396	488092	513744	539440	18925764

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Sabarkantha Normal Division, Himatnagar

Sr.No.	Name of Village	Taluka	District	Forest Survey No.	Total area.	Area Carried out of C.A. ha.	C.A. Area to be carried out for this proposal ha.	Balance area for C.A. in ha.
1	Bolunadara	Idar	Sabarkantha	151	88.67	88.68	44.00	44.68

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Extension Division, Mehsana

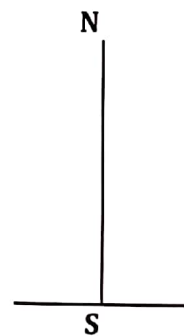
Dy. Conservator of Forest
Sabarkantha, Himatnagar

Location map of Degraded Forest land identified for 44.00 Ha. of Diversion of 22.00 Ha.
Submission the Proposal for tree Cutting for widening of Mehsana-Modhera Road (SH 134) K.M
0/0 to 25/200 (section 5/200 to 25/200)

Village: Bolundara Taluka Idar Dist Sabarkantha
Forest Division: Sabarkantha. Range: vadali
Block No./Compartment No./Survey No.151
Compensatory Afforestation Area: Ha.44.00
Model: 3


ATTECHED HERE WITH

(Dr. Anshuman)
Dy. Conservator of Forests
Extension Division, Mehsana



Scale-4" = 1 Mile

☐ Area to be taken for Compensatory Afforestation.



Dy. Conservator of Forests
Sabarkantha Himatnagar.

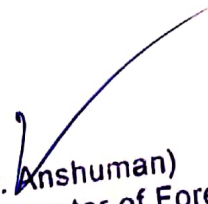
ANNEXURE**CERTIFICATE**

This is certified that 44.00 Ha. land of S.No.151 of Village Bolundara Taluka Idar Dist. Sabarkantha proposed for compensatory afforestation against for Proposal For Diversion of 22.00 Ha. Submission the Proposal for tree Cutting for widening of Mehsana-Modhera Road (SH 134) K.M 0/0 to 25/200 (section 5/200 to 25/200) in the State of Gujrat of is identified and found suitable for afforestation.

Himatnagar.

Date: /12/2019


Dy. Conservator of Forests,
Sabarkantha Himatnagar.



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Extension Division, Mehsana

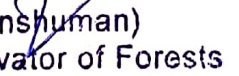
CERTIFICATE

This is to certify that the compensatory afforestation scheme attached herewith for 44.00 Ha. Village :Bolundara Ta. Idar , Dist- Sabarkantha Survey No.151 in lieu Diversion of 22.00 Ha. Submission the Proposal for tree Cutting for widening of Mehsana-Modhera Road (SH 134) K.M 0/0 to 25/200 (section 5/200 to 25/200) in the State of Gujarat Location map in Mahesana District in the State of Gujarat with the guidelines issued vide Principal Chief Conservator of Forest Gujarat State Gandhinagar letter No. JMN/31/B/147-216 Date : 06.04.2016 and same is here by approved technically.

Himatnagar.

Date: /12/2019


Dy.Conservator of Forests,
Sabarkantha Himatnagar.


(Dr. Anshuman)
Dy. Conservator of Forests
Extension Division, Mehsana

MAP

VILLAGE - BOLLUNDARA

CA AREA - 44.00 Ha.

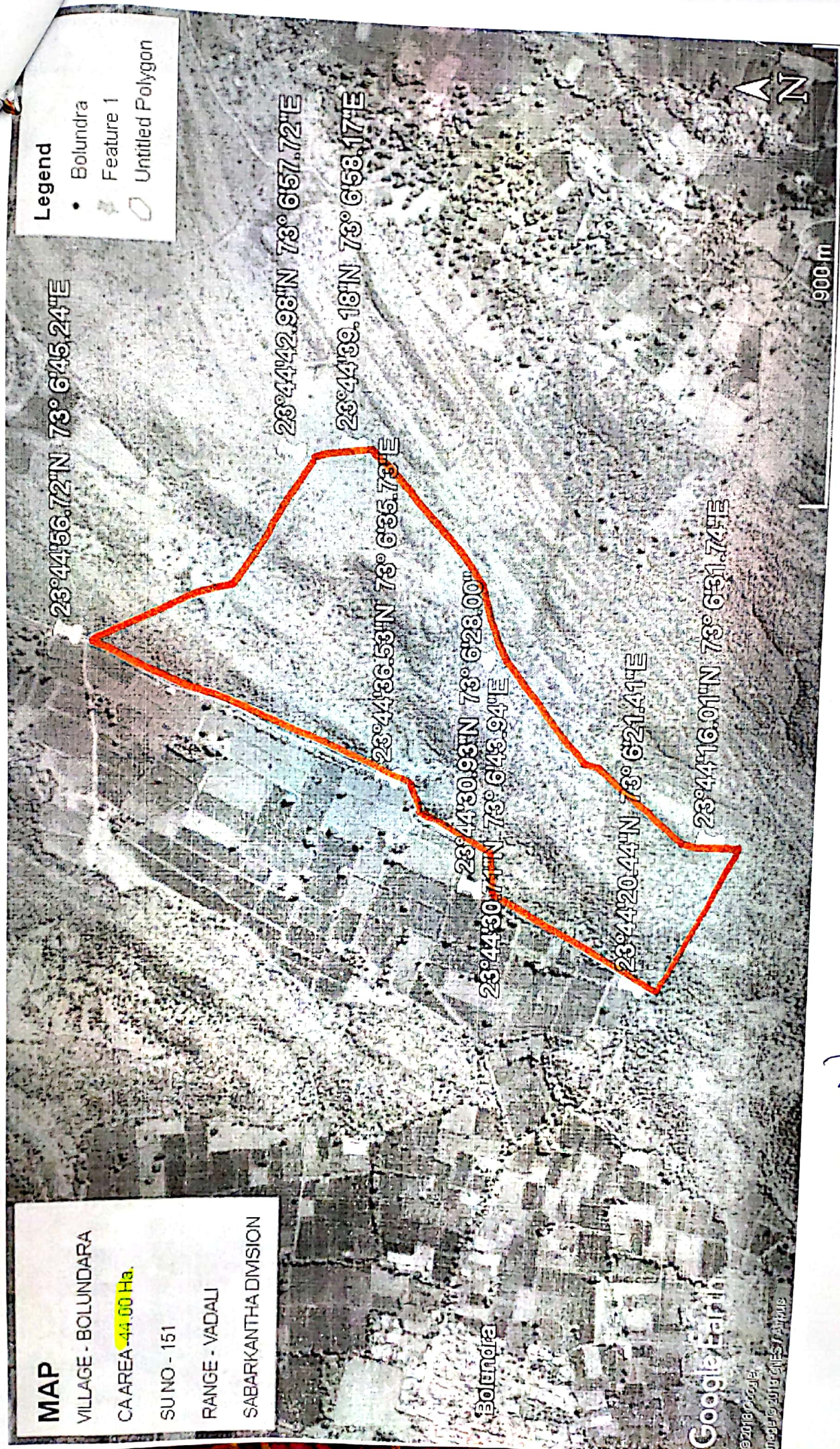
SU NO - 151

RANGE - VADALI

SABARKANTHA DIVISION

Legend

- Bolundra
- Feature 1
- Untitled Polygon



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