

Scheme of Compensatory Afforestation ANNEXURE-

Detailed of regular scheme Compensatory Afforestation to be carried out in lieu of 13.4947 Ha. of Non Forest land to Widening and Strengthening To Two lane to four lane Kheroj-Ambaji Road For Proposal For Diversion 13.4947 Ha. Of Forest Land For The Purpose of Constg. Widening and Strengthening Road.

(1) Details of Non forest land. :- Village: Virpur (Lotal)

District: Banaskantha. Taluka: Danta

Name of Forest Division: Banaskantha. Range: Danta-West

Block/Compartment.

Survey No.: New 52 pt (Old 21 pt)

(2) Description of Area:

Soil type: Murumy

Topography: Hilly/Plain/Slope-Steep/medium/gentic.

Whether the area is bearing any root stock or Vegetation.....

(3) Name of Plantation Programme: Model No.3 13.4947 H.A.

(4) Schedule of Plantation programme:

The Compensatory Afforestation on non forest land would be started by Dy.Conservator of Forest Banaskantha Division Palanpur as early as possible after the proposal is formally approved.

Details of Yearwise break-up of requirement of fund is as under:

(Daily wage: Rs.297.60)

Year	Area	Rate per Ha.	Total Amount.
0 Year	13.4947	80210	1082415
1 Year	13.4947	60398	815053
2nd Year	13.4947	38984	526077
3rd Year	13.4947	31495	425016
4th Year	13.4947	13002	175458
5th year	13.4947	6997	94422
6th year	13.4947	7463	100711
7th year	13.4947	7930	107013
8th year	13.4947	8396	113302
9th year	13.4947	8863	119604
10th year	13.4947	9329	125892
Total		273067	3684962

The User Agency has given an undertaking to pay the cost of Compensatory Afforestation as per the prevalling wages (and price escalation in material component, if any).


Dy.Conservator of Forests
Banaskantha, Palanpur.

(5) Technical Details :

Technical Details of Compensatory Afforestation are as follows :

(a) General Details:

(b) Spacement

3 x 3 mt.

(c) Species

As per Letter of PCCF Gujarat State wide letter No. land/31/B/1533-46 dt. 16/5/2016 the Species composition will be as follows:

Timber (10%), Small timber and pole (20%), Firewood (30%), MFP (10%), Bamboo (20%), Miscellaneous (10%) best adjusted to local site conditions

(d) Nursery Technique

Seedlings raised in 15 cm x 25 cm x 200 gr. of polypots for planting at on set of monsoon.

(e) Site Preparation.

Area should be surveyed and then protection trenches, pits, contour trenches & SMC works will be carried out. Total 1111 pits and 300 no. contour trenches will be dug up per hectare area.

(f) Plantation Method (Size of Pit, Ploughing etc.)

Size of Pit: 45x45x45 cms (1111 Pits/ha.)

(g) SMC Work

Gully plugging, small checkdam, vantalavadi and Nalabunding works, etc will be carried out for Soil and Moisture Conservation as approved in model as well as treatment map

(h) Protection.

Wire Fencing as per provision in the model. This will be backed by live hedge species planting as per local condition

(i) Silvicultural operations

1st Year: Three weedings with soil working & protection

2nd Year: Two weeding with soil working & protection

3rd Year: Two weeding with soil working & protection

4th Year: One weeding with soil working & protection

5th Year: Protection & maintenance of fencing/tending operation

6th Year: Protection & maintenance of fencing/tending operation

7th Year: Protection & maintenance of fencing/tending operation

8th Year: Protection & maintenance of fencing/tending operation

9th Year: Protection & maintenance of fencing/tending operation

10th Year: Protection & maintenance of fencing/tending operation

(j) Subsequent silvicultural operations proposed such as cleaning, cutbacks, thinnings etc. (as per species specific

1) It is expected that due to cutback operation & Proper Protection the plant population will be high. thinning will therefore, be carried out in the 5th year if required to bring down the plant population to 858 seedlings per Ha.

requirement).

2) In 10th year as per need 50% of the existing pole crop will be thinned, bringing down the plant population to 300 per ha

Note: This project has been prepared keeping the current daily wage rate into consideration. The maintenance of plantation upto 10th year is subject to budget provision as per prevailing wage rate from time to time


Dy. Conservator of Forests
Banaskantha-Palanpur

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Detailed of regular scheme Compensatory Afforestation to be carried out in lieu of 13.4947 Ha. of Non Forest land to Widening and Strengthening To Two lane to four lane Kheroj-Ambaji Road For Proposal For Diversion 13.4947 Ha. Of Forest Land For The Purpose of Constg. Widening and Strengthening Road.

Name of works	Model No.	Area	Rate per Hac.	Amount											
				Zero Year Rs.	Ist Year Rs.	IInd Year Rs.	III rd Year Rs.	IVth Year Rs.	Vth Year Rs.	VIth Year Rs.	VIIth Year Rs.	VIIIth Year Rs.	IXth Year Rs.	Xth Year Rs.	Total Rs.
0 Year 70 % Adv. work. Ist Year Operation.	Model 3	13.49	80210	1082415	0	0	0	0	0	0	0	0	0	0	1082415
Ist Year 30 % Advance work Current year plantation			60398	0	815053	0	0	0	0	0	0	0	0	0	815053
2nd Year operation Maintenance of one year old plantation.			38984	0	0	526077	0	0	0	0	0	0	0	0	526077
3rd Year operation Maintenance of 2 years old plantation.			31495	0	0	0	425016	0	0	0	0	0	0	0	425016
4th year operation Maint.of 3 years old plantation.			13002	0	0	0	0	175458	0	0	0	0	0	0	175458
5th year operation Maint.of 4 years old plantation.			6997	0	0	0	0	0	94422	0	0	0	0	0	94422
6th year operation Maint.of 5 years old plantation.			7463	0	0	0	0	0	0	100711	0	0	0	0	100711
7th year operation Maint.of 6 years old plantation.			7930	0	0	0	0	0	0	0	107013	0	0	0	107013
8th year operation Maint.of 7 years old plantation.			8396	0	0	0	0	0	0	0	0	113302	0	0	113302
9th year operation Maint.of 8 years old plantation.			8863	0	0	0	0	0	0	0	0	0	119604	0	119604
10th year operation Maint.of 9 years old plantation.			9329	0	0	0	0	0	0	0	0	0	0	125892	125892
Total			273067	1082415	815053	526077	425016	175458	94422	100711	107013	113302	119604	125892	3684962


 Dy. Conservator of Forests
 Banaskantha-Palanpur

INTEGRATED FORESTRY DEVELOPMENT PROJECT (PRODUCTION FORESTRY) GUJARAT
SOIL & MOISTURE CONSERVATION PLANTATION - Model -3
MODEL- 3

	YEAR									
0	1	2	3	4	5	6	7	8	9	10
Alignment & Staking (3x3Mt.), Digging of pits (45x45x45), 1111 pits. Fencing/ Protection, Seeds, SMS Works, Gully plugging- Nalabunding (20-30 Cmt.), Van Talavadi, Checkdams, Contour trench 300 mt.	Watering of Nursery, Transport & Planting, Weeding & Soil Working, Watering including application of fertilizer, Seed sowing, Watchman & Fire Tracing.	20% of Nursery stock for casualty replacement, Transport & planting, Weeding & Soil Working, Seed sowing, Repairs & Maintenance of Fence, Watering including, Application of fertilizer, Watchmen.	10% of Nursery stock for casualty replacement, Transport & planting, weeding & Soil working, Repair & Maintenance of fence, Protection.	Weeding & Soil Working, Protection.	Protection & maintenance of fencing/tending operation	Protection & maintenance of fencing/tending operation	Protection & maintenance of fencing/tending operation	Protection & maintenance of fencing/tending operation	Protection & maintenance of fencing/tending operation	Protection & maintenance of fencing/tending operation

Dy. Conservator of Forests,
Banaskantha-Palanpur

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CERTIFICATE

This is to certify that the compensatory afforestation scheme attached herewith for 13.4947 ha in virpur lotal Village Ta.danta Survey No 52pt (old 21pt) in lieu 13.4947 ha. Diversion of Forest land proposal for Widening and Strenthening from km 79.200 to 100.00 (form Kheroj to Ambaji Road)Section of Himmatnagar-idar-Vadali-khedbaamha-ambaji road (Section of SH-9) in Gujarat Dist : Banaskantha in Gujarat with the guidelines issued vide additional Principal Chief Conservator of Forests, Land Gujarat State Gandhinagar Letter No.land/31/b/147-216/2016-17, Dated.06/04/2016 and same is here by approved technically.

Palanpur

Date: 18 / 12/2017


Dy.Conservator of Forests,
Banaskantha-Palanpur

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Banaskantha Normal Division, Palanpur

Sr.No.	Name of Village	Taluka	District	Revenue Survey No.	Total area of Survey No.For C.A. in Ha.	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	Virpur (Lotal)	Danta	Banaskantha	New 52 pt (Old 21 pt)	346.7410	0.0000	13.4947	333.2463

Dy.Conservator of Forest
Banaskantha-Palanpur

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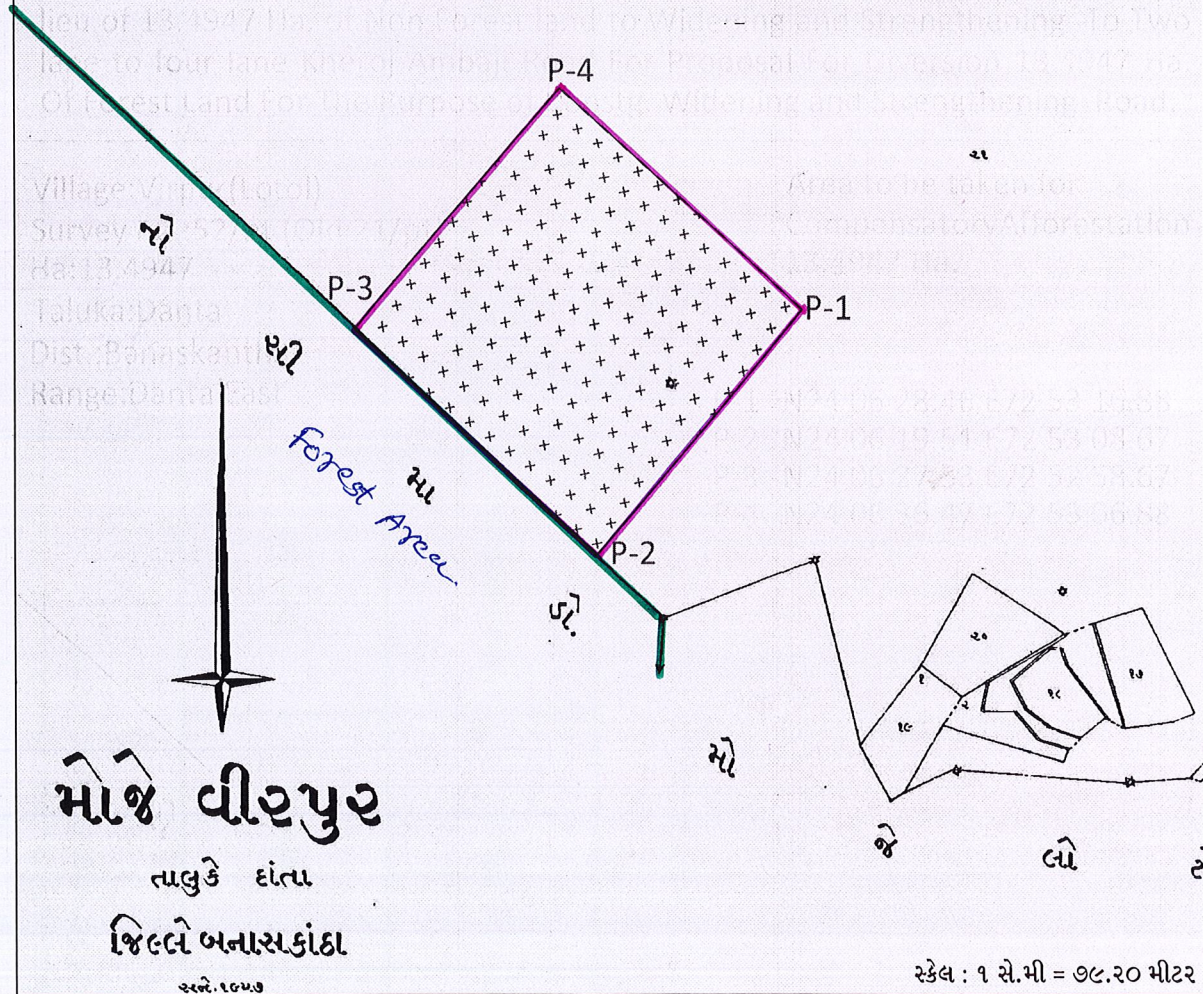
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Village:Virpur(Lotol)
Survey no.:52/pt.(Old 21/pt)
Ha:13.4947
Taluka:Danta
Dist.:Banaskantha
Range:Danta East



Area to be taken for
CompensatoryAfforestation
13.4947 Ha.

P-1 N24 06 28.46 E72 53 16.88
P-2 N24 06 19.51 E72 53 08.67
P-3 N24 06 27.53 E72 52 58.67
P-4 N24 06 36.47 E72 53 06.88



Dy. Conservator of Forests,
Banaskantha - Palanpur.

ANNEXURE - 21**CERTIFICATE**

This is to certify that 13.4947 Ha. land of S.No. New 52 pt (Old 21 pt) of Village Virpur (Lotal), Taluka Danta, Dist. Banaskantha has been proposed to hand over to forest department for Compensatory Afforestation in lieu of 13.4947 ha. of Widening and Strengthening of Two lane to four lane on Kheroj-Ambaji Road. The land under question has been diverted for Widening and Strengthening of Kheroj-Ambaji road. The proposed land to be handed over to forest department at virpur (lotal), Ta-Danta, Dist. Banaskantha is suitable for afforestation against diverted land.

Palanpur

Date: 18 /12 /2017

Dy.Conservator of Forests,
Banaskantha-Palanpur

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