

Scheme Of Compensary Afforestation

Detailed scheme for compensatory afforestation 3.00 Haq. to be carried out in lieu of 1.2112 Haq. of forest land to be diverted in Bharuch district.

1. Details of degraded forest land.

District Bharuch, Taluka Netrang, Village. Shankoi, Range Netrang.

Name of Forest Division : Sub Division Bharuch.

Block- Galiba, Compartment 360 area to be afforested 3.00 Haq.

2. Description of Area.

Soil type:- Black & Storey,

Topography :- Plain

Slope:- Medium & Gentle.

Whether the area is bearing any root stock of Vegetation :
Yes/No

3. Name of Plantation Programme:- Comp.Aff. degraded Fprest area for Double degradation area plantation for FCA proposals as also for NPV project Plantations.

4. Schedule of Plantation Programme:-

The Compensatory Afforestation on degraded forest land would be started by Asstt.Conservator of Forest Sub Division Bharuch as early as possible after the proposal is formally approved.

Details of Year Wise Break-Up requirement of fund is as under

Daily / Wages-Rs. ^{288.80} ~~288.80~~

Year	Area	Normal Rate/ha.	Total Amount
0 Year	1.00	88436+ 10%	97280/-
1 st Year		33278+ 20%	39934/-
2 nd Year		20183+ 30%	26240/-
3 rd Year		15396+ 40%	21555/-
4 th Year		7626+ 50%	11439/-
5 th Year		6000 + 60%	9600/-
6 th Year		6000 + 70%	10200/-
7 th Year		6000+ 80%	10800/-
8 th Year		6000+ 90%	11400/-
9 th Year		6000+ 100%	12000/-
10 th Year		6000+ 110%	12000/-
Total		200921	263048/-
Grant Total:			263048/-

Say = 2,63,050/-

Compensatory Afforestation will be done in 3.00 ha. area.
The total afforestation cost will be Rs. **7,89,150/-**

Executive Engineer National Highway Bharuch thus gave 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:

- a. General Details:- The C.A. will be taken under Comp.Aff.
degraded Fprest area for Double
degradation area plantation for FCA
proposals asalso for NPV project
Plantations. The Rates are 213.20 per
prevailing daily Wages 858 Plants will be
planted/Heq.
- b. Spacement :- 15 x 25 x 200.
- c. Species :- Khair,Kadaya,Bael , Bamboo,Baheda,
Harde, Aritha, Bio, Deshi Mango
- 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. S.M.C. Works:-

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 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.

h. Protection Trench:-

Barbed wire fencing , Seed sowing And planting of cuttings of Ipomea/ Glarcidia along the fence

i. Silvicultural Operations:-

1st year three weeding soil working.
2nd year two weeding soil working.
3rd year one weeding soil working.
10 gms. of DAP & BEC/Aldrine & 3kg. cowdung manure. 10 gms. Urea after every weeding & soil working during monsoon. Support watering will be provided if needed.

j. Maintenance:-

It is proposed to maintain the Plantation up to ten years.

k. Subsequent silvicultural Operation Proposed such as cleaning, cutbacks, thinning etc. (as per species specific requirement)

Cleaning and thinning operations will be carried out at the age as per Prescribed in the working plan.


l. Arrangement for peoples participation (if any) for long term sustenance of the plantations.

People's participation will be obtained for maintenance & up keep of the plantation for the long - term sustenance. Local people will be allowed to cut and take away grass from the

plot, NTFP produces also will be allowed to be taken away by the villages without damaging the crop.

m. Proposed monitoring mechanism:-

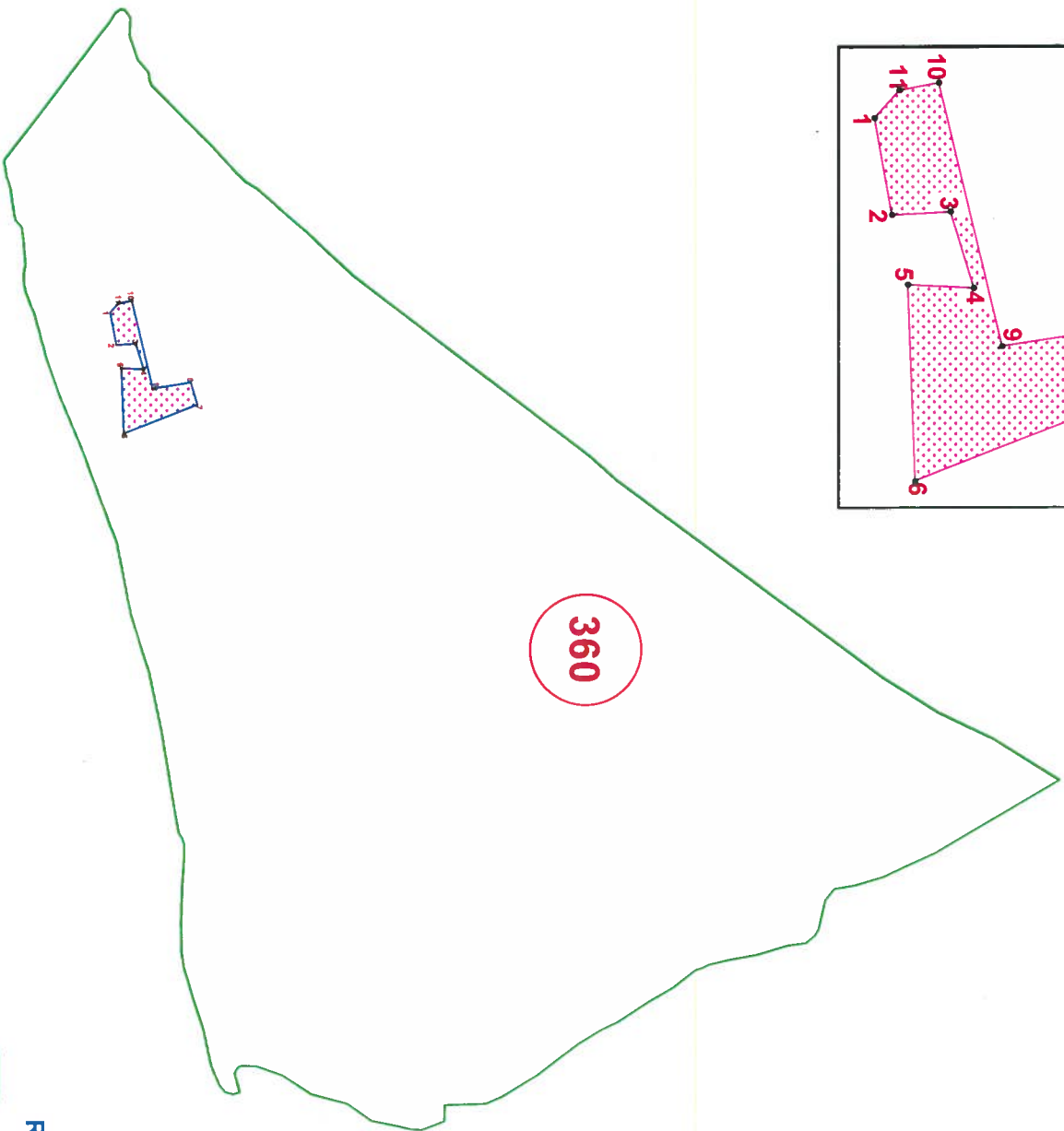
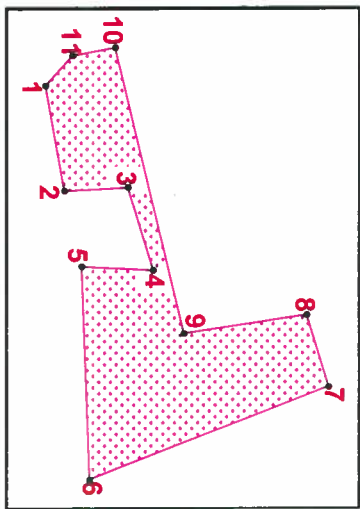
Division, Circle & State will do
Monitoring Level monitoring Level
monitoring wing.


Asstt. Conservator of Forest
Forest Sub Division
Bharuch

**NAME OF WORK : PROPOSAL FOR DIVERSION OF PROTECTED FOREST LAND FOR THE PROJECT OF
WIDENING OF BHARUCH JAMBUSAR ROAD N H NO - 64 K M 182/000 TO 184/150
& 204/000 TO 204/700 DIST BHARUCH IN GUJARAT STATE**

VILLAGE : - SANKOI
TALUKA : - NETRANG
DISTRICT : - BHARUCH
DIVISION : - BHARUCH SUB DIVI.

COMPARTMENT : - 360
WORKING CIRCLE : - PROTECTION
RANGE : - NETRANG
AFFOR. AREA : - 3.0 HAQ.



REFERENCE

RESERVE FOREST AREA

AREA TO BE TAKEN FOR COMPENSATORY AFFORESTATION AREA 3.00 HACTORE

POINT	LATITUDE	LONGITUDE
1	21° - 38' - 34.36"	73° - 25' - 02.01"
2	21° - 38' - 34.8"	73° - 25' - 04.3"
3	21° - 38' - 36.4"	73° - 25' - 04.0"
4	21° - 38' - 37.1"	73° - 25' - 06.0"
5	21° - 38' - 35.2"	73° - 25' - 06.0"
6	21° - 38' - 35.42"	73° - 25' - 10.97"
7	21° - 38' - 43.7"	73° - 25' - 09.4"
8	21° - 38' - 42.7"	73° - 25' - 07.1"
9	21° - 38' - 38.0"	73° - 25' - 07.6"
10	21° - 38' - 36.08"	73° - 25' - 0.68"
11	21° - 38' - 34.98"	73° - 25' - 1.18"
	21° - 38' - 34.36"	73° - 25' - 02.1"

SCALE 1 C.M. = 158.40 MT



DEPUTY EXECUTIVE ENGINEER
NATIONAL HIGHWAY SUB DIVISION
BHARUCH

EXECUTIVE ENGINEER
NATIONAL HIGHWAY DIVISION
BHARUCH

Asstt. Conservator of Forests
Sub-Division-Bharuch

CERTIFICATE

This is to Certify that the Compensatory Afforestation Scheme of 3.00 ha. (Double Area of diverted area 1.2112 ha) Prepared by Assistant Conservator of Forest, Bharuch Sub Division of Protected Forest Land to be Diverted to install R&B Division Bharuch. The Proposal in Question Pertains to Assistant Conservator of Forest, Bharuch Sub Division.

The Scheme in Question has been checked and found correct as per the prevailing wage rate structure and approved Model Double Degradation area Plantation for FCA.

The Compensatory afforestation has to be carried out in R.F.Copmt. No. 360 at Shankoi, Taluka. Netrang Range. Netrang. District. Bharuch. of Assistant Conservator of Forest, Bharuch Sub Division at the Cost of Rs. 7,89,150/- (in Words Seven Lakhs Eighty Nine Thousand One Hundred Fifty only).

Therefore Compensatory Afforestation Scheme in Question here by Technically and Approved by the Undersigned.

Place – Bharuch

Date - 29/11/2016



H.S. Patel


(H.S.Patel)

Asstt. Conservator of Forests
Sub Division Bharuch

CERTIFICATE

This is to certify that I have visited 6.00.ha. Area of degraded Reserve forest (for taking up 3.00 Ha.of CA), of Block- Galiba / Comptt.No. 360 of Village: Shankoi, Taluka: Netrang, District: Bharuch on 28 - 11 - 2016 (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 1.2112 ha. of forest land and the said area is suitable for compensatory afforestation. It is also certified that the compensatory afforestation scheme suggested in the area is in consonance with the working plan prescriptions, specified for the said area.

Date:- 28/11/2016
Place:-Bharuch


Asstt.Conservator of Forest
Region Forest Sub Division
Bharuch