

Annexure-19**Compensatory Afforestation Scheme for double degraded area**

Diversion of 2 ha. PF land for extension of existing 11 kv Ambaji feeder from Bhavnath Taleti to Ambaji Temple for electrification and giving stable power supply to Ropeway Project on Girnar Hill Taluka-Junagadh District-Junagadh

Detailed scheme of Compensatory Afforestation for degraded area 4 ha. to be carried out in lieu of 2 ha. of Protected forest land to be diverted in Junagadh district.

1. Details of degraded land.

Village	Khageshri
Taluka	Kutiyana
Range	Kutiyana Range
District	Porbandar
Division	Junagadh
Block/ Patal, Compartment No.	589
Area to be afforested	4 Ha.
Working circle	

2. Description of Area.

Soil type	Black
Topography	Plain/Hilly
Slope	Gentle
Whether the area is bearing any root stock of Vegetation	Vegetation Mainly Prosopis

3. Name of Plantation Programme:-

Compensatory Afforestation Scheme for Degraded Forest Area.

4. Schedule of Plantation Programme:-

- (i) The Compensatory Afforestation on degraded area would be started by Deputy Conservator of Forest Junagadh Forest Division as early as possible after the proposal is formally approved.
- (ii) Compensatory Afforestation will be done in 4 ha. area. The total afforestation cost will be about Rs. 18,16,541/- Executive Engineer, Junagadh PGVCL, Junagadh has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (including the price escalation and supervision charges).

Deputy Conservator of Forests
Junagadh Division, Junagadh

7/12/19

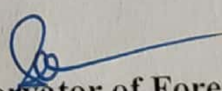
5. Technical Details:-

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>Kanji</td><td>200</td><td rowspan="8">Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.</td></tr> <tr> <td>Kadaya</td><td>100</td></tr> <tr> <td>Neem</td><td>200</td></tr> <tr> <td>Gunda</td><td>150</td></tr> <tr> <td>Gundi</td><td>111</td></tr> <tr> <td>Ardusa</td><td>200</td></tr> <tr> <td>Garmala</td><td>100</td></tr> <tr> <td>Anjan (Hardwickia binata)</td><td>50</td></tr> <tr> <td>Total</td><td>1111</td><td></td></tr> </table>	Kanji	200	Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.	Kadaya	100	Neem	200	Gunda	150	Gundi	111	Ardusa	200	Garmala	100	Anjan (Hardwickia binata)	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	(i) Pucca structure like Check dam, check wall, retaining wall (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 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	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	Cleaning, cutbacks, thinning etc. (as per species specific requirement)																				

	silvicultural Operation	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. Forester – 100% RFO – 100% ACF – 20% 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 September and March each year.</p> <p>(iv) The collar girth is also to be reordered at the end of each year.</p> <p>(v) At the end of maintenance period, the area is aimed at full stocking and pole crop girth for all the species, except bamboo.</p> <p>(vi) Bamboo would be of the harvestable size by the end of 4th year.</p> <p>(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.</p>
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.

The Compensatory Afforestation scheme at the cost of **Rs.18,16,541/-** is technically and administrative approved by the undersigned.


Deputy. Conservator of Forest
Junagadh Division, Junagadh

7/12/19

Details of year wise Break-up of requirement of fund is as under :- rate 310.40

year	ha.	rate / ha. at the daily wage per ha.	Total Amount
0 Year	4	117895	471580
1st Year	4	94499	377996
2nd Year	4	53536	214144
3rd Year	4	43830	175320
4th Year	4	14682	58728
5th Year	4	7785	31140
6th Year	4	8271	33084
7th Year	4	8758	35032
8th Year	4	9243	36972
9th Year	4	9730	38920
10th Year	4	10217	40868
Total		378446	1513784
20% Supervision charge		75689	302757
Total		454135	1816541

The User Agency has given an undertaking to pay the cost of Compensatory Afforestation as per the Prevailing wages (including the price escalation and supervision charge)

Place : Junagadh
Date : 7/12/2019


Dy. Conservator of Forests
Junagadh Forest Division Junagadh

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Checklist No. 19-B

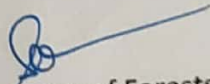
Rate structure of forestland of village : Khageshri ta. Kutiyana District : Porbandar
4.00 ha. Afforestation as per Add.pri.C.C.F. land, Gujarat State, Gandhinagar's letter no.
Campa/31/B/4769-4838/Dt. 27/11/2019.

Year	Rate / ha. at the daily wage Rs. 307.90	Admissible Rate / ha current daily Wage rate 310.40	Admissible total amount as per daily Wages rate 310.40 Rs.
70% Adv. Works	81862	82527	330108
30% Adv. Works	35083	35368	141472
0 Year	116945	117895	471580
1st Year	93738	94499	377996
2nd Year	53105	53536	214144
3rd Year	43477	43830	175320
4th Year	14564	14682	58728
5th Year	7722	7785	31140
6th Year	8204	8271	33084
7th Year	8687	8758	35032
8th Year	9169	9243	36972
9th Year	9652	9730	38920
10th Year	10135	10217	40868
Total	375398	378446	1513784
20% Supervision charge	75080	75689	302757
Total	450478	454135	1816541

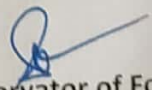
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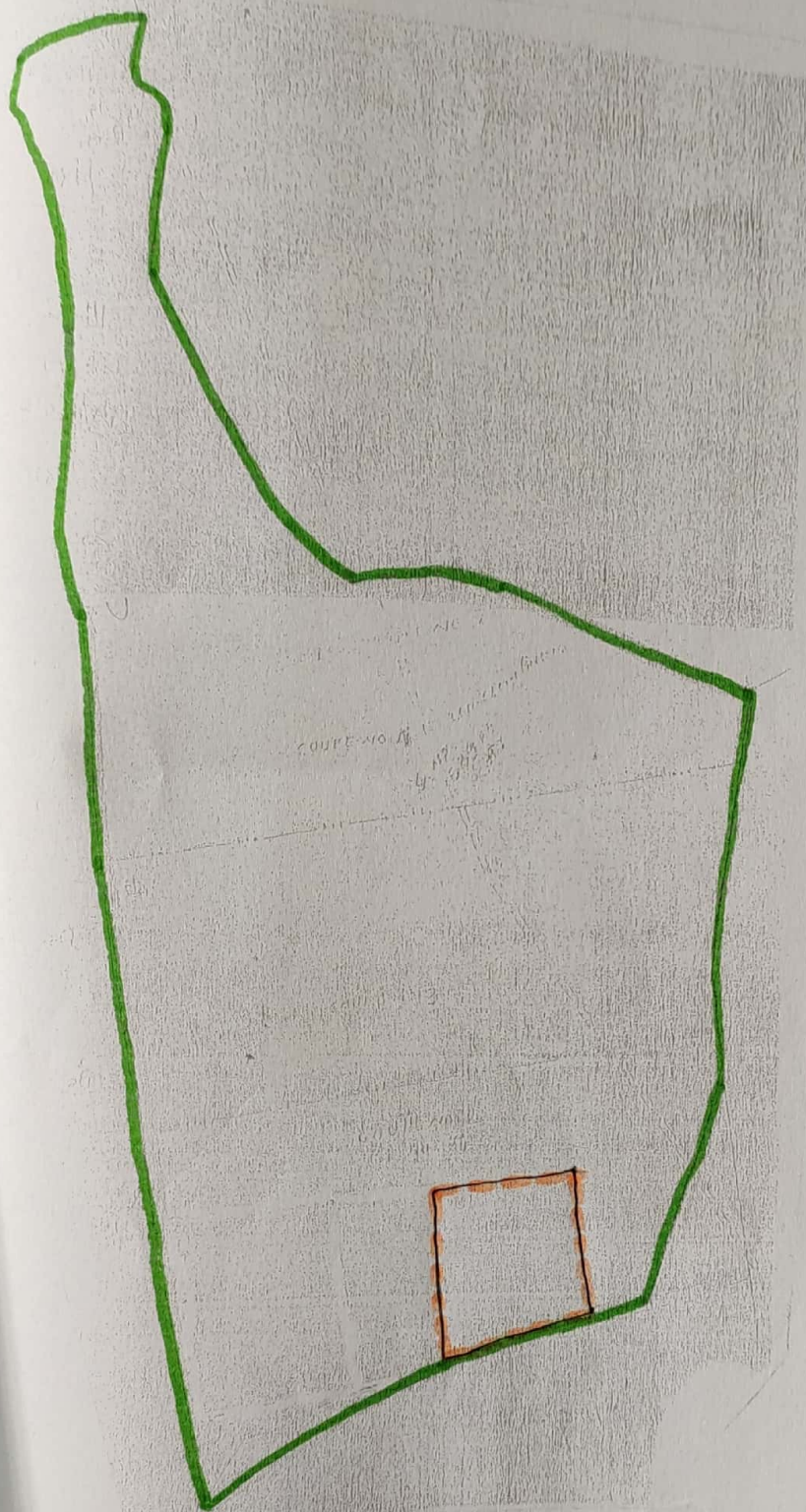

Dy. Conservator of Forests
Junagadh Forest Division Junagadh

Technically Sanctioned for Rs. 18,16,541/- in words Rs. Eighteen lacs Sixteen Thousand Five hundred Fourty One rupees only.


Dy. Conservator of Forests
Junagadh Forest Division Junagadh

LOCATION OF DEGRADED FOREST IDENTIFIED LAND FOR COMPENSATORY
AFFORESTATION AGAINST THE PROPOSAL FOR DIVERSION OF 4.00 HA. OF FOREST
LAND FOR ERECTION OF U.G. CABLE AT GIRNAR HILL VILLAGE-KHAGESHRI SURVEY NO.
589PT. TALUKA-KUTUYANA DIST-PORBANDAR, DIVISION-JUNAGADH, RANGE-KUTUYANA.


(99)



Deputy Conservator of Forests
Junagadh Division, Junagadh
7/12/19

SCALE- 1INCH=660 FT

REFERENCES

SURVEY NO.	AREA HA.	FOREST
589PT.B	160	

AREA TO BE TAKEN FOR COMPENSATORY AFFORESTATION AREA-4.00 HA.