

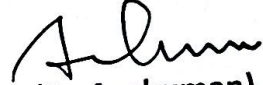
Name of Project : Dadhiyali Ta.Khambha Dist.Amreli survey No. 53/1/ pt.2/pt1, 53/1  
/pt.3 hector 20.4620 Forest land Scheme

**Annexure-1**

Proposed area for Non-Forest afforestation as well as for CAMPA (CA) Projects for barren degraded forest areas.

Sr.No.	Name of FCA proposal Division	Proposed Territorial division for double degradation afforestation	Remarks
1	-	Gir (East) Forest Division, Dhari	


Date:- 12/05/2020  
Place: -Dhari.

  
(Dr.Anshuman)  
Dy. Conservator of Forest  
Gir (East) Forest Division, Dhari.

Name of Project : Dadhiyali Ta.Khambha Dist.Amreli survey No. 53/1/ pt.2/pt1, 53/1 /pt. 3 hector 20.4620 Forest land Scheme

Information of Compensatory Afforestation area GPS Point Gir (East) Forest Division, Dhari.					
Sr. no	Name of Village & Taluka Dist	Compensatory Afforestation area in Ha.	Compensatory Afforestation S.No	GPS Point	
1	Village-Dadhiyali Taluka- Khambha Dist -Amreli	20.4620 ha.	53/1/ pt.2/pt1 53/1 /pt.3	1	N21.15073 E71.27005
				2	N21.14994 E71.26422
				3	N21.15039 E71.26419
				4	N21.15028 E71.26311
				5	N21.15030 E71.26205
				6	N21.15246 E71.26301
				7	N21.15459 E71.26354
				8	N21.15576 E71.26334
				9	N21.15587 E71.27031

Date:- 12 /05/2020  
Place: -Dhari.

  
(Dr.Anshuman )  
Dy. Conservator of Forest  
Gir (East) Forest Division, Dhari.

**Annexure-19**  
**Compensatory Afforestation Scheme for Non Forest area**

Diversion of 20.4620 ha. Forest Land to be diverted Proposals for Gujarat State Petronet Limited, Gandhinagar.

Detailed scheme of Compensatory Afforestation to be carried out in lieu of 20.4620 Ha. Of forest land Gujarat State Petronet Limited, Gandhinagar.

**1. Details of Non-Forest land.**

Village	Dadhiyali
Taluka	Khambha
Range	Tulsishyam
District	Amreli
Division	Gir East Division, Dhari
Block/ Patal, Compartment No.	53/1/ pt.2/pt1 53/1 /pt.3
Area to be afforested	20.4620 Ha.
Working circle	-

**2. Description of Area.**

Soil type	Muramy hard soil
Topography	Undulating
Slope	Steep
Whether the area is bearing any root stock of Vegetation	Most of the area is degraded and rocky

**3. Name of Plantation Programme:-**

Compensatory Afforestation Scheme for Non-Forest Area.

**4. Schedule of Plantation Programme:-**

(i)	The Compensatory Afforestation on Non Forest area would be started by Deputy Conservator of Forest Gir East Forest Division, Dhari as early as possible after the proposal is formally approved.
(ii)	Compensatory Afforestation will be done in 20.4620 ha. Area. The total afforestation cost will be about Rs. 8801255/- Gir East Forest Division, Dhari has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (including the price escalation and supervision charges).

Date:- 12 /05/2020

Place:- Dhari.



(Dr. Anshuman)

Dy. Conservator of Forest  
Gir (East) Forest Division, Dhari.



# 5. Technical Details:-


Technical details of Compensatory Afforestation are as Follows:

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.			
c	Species to be planted (No. of plants per ha.)	Boradi	200	Average minimum height will be Specification as per Gujarat forest department	
		Khakhara	200		
		Gorad	311		
		Aval	100		
		Haramo	100		
		Khair	100		
		Gugal	100		
		Total	1111		
		Boradi	65 c.m.		
		Khakhara	65 c.m.		
Gorad	50 c.m.				
Aval	50 c.m.				
Haramo	65 c.m.				
Khair	65 c.m.				
Gugal	50 c.m.				
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 Bunding and percolation tank will be carried out as per requirement. Seeds of Jatropa, 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 <sup>st</sup> year three weeding soil working, Support watering will be provided if needed. 2 <sup>nd</sup> year two weeding soil working. 3 <sup>rd</sup> 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.			

No.	Details	Specifications
		<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.</p> <p>(vi) Third party monitoring mechanism is also in the State and if the plantations 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. 8801255/- is technically and administrative approved by the undersigned.

Date:- 12/05/2020  
Place: -Dhari.

  
(Dr. Anshuman)  
Dy. Conservator of Forest  
Gir (East) Forest Division, Dhari.



**Details of year Wise Break-Up requirement of fund is as under**  
**Daily wages Rate: Rs.310.40**

Year	Area ha	Rate / ha. At the daily wage per ha.	Total Amount
0 Year	20.4620	117894	2412347
1st Year	20.4620	76803	1571543
2nd Year	20.4620	53405	1092773
3rd Year	20.4620	41803	855373
4th Year	20.4620	14530	297313
5th Year	20.4620	7785	159297
6th Year	20.4620	8271	169241
7th Year	20.4620	8758	179206
8th Year	20.4620	9243	189130
9th Year	20.4620	9730	199095
10th Year	20.4620	10217	209060
Total		358439	7334379
20% Supervision charge		71688	1466876
Total	20.4620	430127	8801255

Rs. Eighty eight lack One Thousand Two Hundred Fifty Five Only.

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)

  
(Dr. Anshuman)

Dy. Conservator of Forest  
Gir (East) Forest Division, Dhari.



Name of Project : Dadhiyali Ta.Khambha Dist.Amreli survey No. 53/1 p.2,53/1 p.3, 53/1 p.4, 53/1 p.5 hector 47.73.80 Non-Forest land Scheme

Daily wages Rs.310.40

Spacemnts = 3 m x 3 m				
1111 seedling / Ha				
1st year replacement 10 % = 111 seedling /ha				
2nd year replacement 20 % = 111+111 seedling /ha				
3rd year replacement 10 % = 111 seedling /ha				
Total Seedlings = 1333 seedling /ha				
Polypot size : 15 cm x 25 cm x 200				
Item of work	Qty.	Labour	Material	Total
1	2	3	4	5
<b>0 year</b>				
Nursery				
(a) Cost of soil, ,manure, seeds, water, fertillizer, insecticides, implements, rent of lands. Shade, etc. (including 10 % for casualty replacement)	1222	0	1830	1830
(b) labour : Preparation of beds, filling and arranging of bags,showing of seeds, watering shifting, weeding etc.	1222	4478	232	4710
(c ) Seedling cost for casualty replacement in one year old (20%)	222	1415	422	1837
(d) Seedling cost for casualty replacement in two year old (10%)	111	709	211	920
<b>Total</b>		<b>6602</b>	<b>2695</b>	<b>9297</b>
<b>2. Area Development ( Land Preparation )</b>				
(a) Survey, cutback and promotion of root suckers		3364	0	3364
(b) Aligment and digging of pits 0.45 X 0.45 X 0.45	1111@ 6.00	9715	0	9715
<b>Total</b>		<b>13079</b>	<b>0</b>	<b>13079</b>
(a) Natural fertilizer (Neem cake/ Castor cake)	1111 @ 5.00	0	9910	9910
<b>Total</b>		<b>0</b>	<b>9910</b>	<b>9910</b>
<b>3. SMC Works</b>				
(a) Check wall/ retaining wall /checkdem (all pucca only)	L.S.	11952	23726	35678
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt (300 trench)	600 rmt.	9097	0	9097
<b>Total</b>		<b>21049</b>	<b>23726</b>	<b>44775</b>
<b>4. Protection</b>				
(a) Barbed wire fencing	L.S.	3568	35678	39246
(b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia along the fence		1110	477	1587
<b>Total</b>		<b>4678</b>	<b>36155</b>	<b>40833</b>



Sub Total of 0 year		45408	72486	117894
<b>1st Year</b>				
(a) Maintenance of nursery (April to June)	1222	3435	343	3778
(b) Transport of seedling for plantation	1111	1884	389	2273
(c) Planting with khamna of Min 1 m dia	1111	5791	0	5791
(d) Transport of seedling for casually replacement	111	201	44	245
(e) 3 weeding cum soil working	1111	22575	0	22575
(f) Support watering 5 times @ 3.25		14430	20706	35136
(g) Protection / tending operation		4671	0	4671
(h) Tending to natural vegetation		1167	0	1167
(i) Contingency		0	1167	1167
<b>Total for 1st year</b>		<b>54154</b>	<b>22649</b>	<b>76803</b>
<b>2nd Year</b>				
(a) 2 weeding & soil working		12538	0	12538
(b) 20 % Casually replcement, transport and planting	111+111	211	1049	1260
(c) Natural fertilizer (neem cake / caster cake ) etc.	Rs.5/ plant	0	11711	11711
(d ) Support watering 3 times @ 3.25		9377	13459	22836
(e) Protection / tending operation		5060	0	5060
<b>Total for 2nd year</b>		<b>27186</b>	<b>26219</b>	<b>53405</b>
<b>3rd Year</b>				
(a) 2 weeding & soil working		13502	0	13502
(b) 10 % Casually replcement, transport and planting	111	113	566	679
(c) Natural fertilizer, neem cake etc.	Rs.5/ plant	0	12613	12613
(d ) Support watering 1 times @ 3.25		3367	4831	8198
(e) Protection & maintenance of fencing / tending operation	L.S.	6811	0	6811
<b>Total for 3rd year</b>		<b>23793</b>	<b>18010</b>	<b>41803</b>
<b>4thYear</b>				
(a) 1 weeding & soil working		7232	0	7232
(b) Protection & Maintenance of fencing/ Tending operation	L.S.	7298	0	7298
<b>Total for 4th year</b>		<b>14530</b>	<b>0</b>	<b>14530</b>
<b>5thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	7785	0	7785
<b>Total for 5th year</b>		<b>7785</b>	<b>0</b>	<b>7785</b>
<b>6thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	8271	0	8271
<b>Total for 6th year</b>		<b>8271</b>	<b>0</b>	<b>8271</b>
<b>7thYear</b>				



Protection & maintenance of fencing/ tending operation	L.S.	8758	0	8758
<b>Total for 7th year</b>		<b>8758</b>	<b>0</b>	<b>8758</b>
<b>8thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	9243	0	9243
<b>Total for 8th year</b>		<b>9243</b>	<b>0</b>	<b>9243</b>
<b>9thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	9730	0	9730
<b>Total for 9th year</b>		<b>9730</b>	<b>0</b>	<b>9730</b>
<b>10thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	10217	0	10217
<b>Total for 10th year</b>		<b>10217</b>	<b>0</b>	<b>10217</b>
<b>SUB TOTAL :</b>		<b>219075</b>	<b>139364</b>	<b>358439</b>
The Cost of Supervision/subsequential silvicultural Operations	20%	43815	27873	71688
		<b>262890</b>	<b>167237</b>	<b>430127</b>

Note :-

- (1) Seed sowing along fencing towards the inner side, and also in the plot.
- (2) Planting of cutting of ipomea//Glarcidia along the fencing towards outer side.

Compensatory afforestation will be done in 1.00 ha. Area.

**Total Cost Rs. :4,30,127/-**