

Diversion of 0.4725 Ha. Forest land in Vil:-Lothda Ta/Di:-Rajkot for laying Overhead transmission Line & Construction of Road in Morbi Forest Division in Favour of Shaileshbhai H. Parsana in Gujarat State.(FP/GJ/Other/120937/2021) in Morbi Forest Division.

Annexure-19

Compensatory Afforestation Scheme for double degraded area

Detailed scheme of Compensatory Afforestation for degraded area 100 plants per hectare to be carried out in lieu of 0.4725 ha. of forest land to be diverted in Morbi district.

1. Details of degraded land.

Village	Moti Kuchiyadan
Taluka	Rajkot
Range	Rajkot
District	Rajkot
Division	Morbi
Block/ Patal, Compartment No.	256/p.
Area to be afforested	100 plants per hectare
Working circle	Inland Plan station

2. Description of Area.

Soil type	Soft Morram / Stony
Topography	Plain
Slope	gentle
Whether the area is bearing any root stock of Vegetation	Sparse Vegetation

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 Morbi Forest Division as early as possible after the proposal is formally approved.
(ii) Compensatory Afforestation will be done in 100 plants. The total afforestation cost will be about Rs.55013/- Shaileshbhai H. Parsana Rajkot 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 340.20 per day.																				
b	Spacement	2.50 X 2.50mtr., 100 plants per ha.																				
c	Species to be planted (No. of plants per ha.)	<table border="1"> <tr> <td>Charel (Kanji)</td><td>25</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>Desi baval</td><td>25</td></tr> <tr> <td>Neem</td><td>25</td></tr> <tr> <td>Bordi</td><td>0</td></tr> <tr> <td>Harmo</td><td>25</td></tr> <tr> <td>Khijdo</td><td>0</td></tr> <tr> <td>Gugal</td><td>0</td></tr> <tr> <td>Other</td><td>50</td></tr> <tr> <td>Total</td><td>150</td><td></td></tr> </table>	Charel (Kanji)	25	Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.	Desi baval	25	Neem	25	Bordi	0	Harmo	25	Khijdo	0	Gugal	0	Other	50	Total	150	
Charel (Kanji)	25	Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.																				
Desi baval	25																					
Neem	25																					
Bordi	0																					
Harmo	25																					
Khijdo	0																					
Gugal	0																					
Other	50																					
Total	150																					
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	...																				
h	Protection Trench	Barbed wire fencing, Thor 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%																				

71

		<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.


 (Chirag Amin)
 Deputy. Conservator of Forest
 Morbi Forest Division, Morbi

The Compensatory Afforestation scheme at the cost of **Rs.55013/-** is technically and administrative approved by the undersigned.


 (Chirag Amin)
 Deputy. Conservator of Forest
 Morbi Forest Division, Morbi

Dt. 17/12/2021

Diversion of 0.4725 Ha. Forest land in Vil:-Lothda Ta/Di.-Rajkot for laying Overhead transmission Line & Construction of Road in Morbi Forest Division in Favour of Shaileshbhai H. Parsana in Gujarat State.(FP/GJ/Other/120937/2021) in Morbi Forest Division.

CAMPA Model


Spacement: 2.5 m. x2.5 m.

Wagerate@Rs.340.20

100 plants per hectare + 20% casualty repacment current year, 1 st year, 2nd year.
(20x30 polypots)

Sr. No.	Items of Works	Qty.	Rate	Remarks
1. Nursery				
a	Cost of container,soil, manure seeds,water fertilizer, insecticides, implements, rent of lands, shade etc. Labour : Preparation of beds filling & arranging of bags, sowing of seeds, watering, shifting, weeding etc. & Maintenace of seedlings, watering shifting & grading, insecticide, hormones etc.form april to july	120 seedling in 20x30 bags	2684	
Total of 1			2684	
2. Area Development				
a	Selection of site, survey & preparation, site cleaning	100	297	
b	Alignmenrt digging of pits (45 cm x 45 cm x 45 cm)	100	1125	
Total of 2			1423	
3. Protection				
a	Plant fencing 120 rmt.@ rs.100	120 rmt.	13420	
Total of 3			13420	
4. Current year Opreation				
Planting & cultural Operation				
a	Raising Of seedling for casualty @ 20%	20	263	
b	Transport of seedlings including casualty replacement	120	550	
c	Planting With Khamna	100	479	
d	First Weeding cum soil Working	100	489	
e	Second weeding cum soil working	100	367	
f	Support Watering - 3 time	100	2751	
Total of 4			4898	
5. 1st year Cultural Operation				
a	Maintenace of casualy seedling @20% form april to july	20	263	
b	Casualty replacement transport & planting	20	166	
c	One weeding cum soil Working	100	408	
d	Repairs of Fence and Protection	100	2215	
Total of 5			3052	
6. 2nd year Cultural Operation				
a	Maintenace of casualy seedling @20% form april to july	20	263	
b	Casualty replacement transport & planting	20	166	
c	Repairs of Fence and Protection	100	2215	
Total of 6			2644	

7. 3rd year Cultural Opreation			
a	Repairs of Fence and Protection	100	2215
Total of 7			2215
8. 4th year Cultural Operation			
a	Protection	Lumsum	2215
9. 5th to 10th year cultural Operation			
a	Protection	Lumsum	13293
GRAND TOTAL			45844
ABSTRACT			
Yearwise Breakup			
	0 Year		17527
	Current Year		4898
	1st Year		3052
	2nd Year		2644
	3rd Year		2215
	4th Year		2215
	5th to 10th Year		13293
	TOTAL		45844
	The Cost of Supervision/subsequential silvicultural Operations	20%	9169
	TOTAL		55013


 (Chirag Amin)
 Dy. Conservator of Forests
 Morbi Forest Division
 Morbi
 Dt. 17/12/2021