

Diversion of 0.004 Ha. Reserved Forest land for 11 KV HT Power Supply Cable from Talwada Overhead Water Tank to Terminal Technology Company at Village: Zaroli, Taluka: Umargam, District Valsad.

Compensatory Afforestation Scheme for degraded area

1 Details of degraded land

Village	:	Jogvel
Taluka	:	Kaprada
Range	:	Nanapondha
District	:	Valsad
Division	:	Valsad South
R.F. Survey No.	:	53
Area to be afforested	:	1.00 ha.
Working Circle	:	Production Working Circle

2 Description of Area.

Soil type	Brown-Murom
Topography	Hilly
Slope	Medium
Whether the area is bearing any root stock of Vegetation	Blank

3 Name of Plantation programme:-

Compensatory Afforestation Scheme for degraded area

4 Schedule of Plantation programme:-


- The Compensatory Afforestation on degraded area would be started by Dupety Conservator of Forest Valsad South Division as early as possible after the proposal is formally approved.
- Compensatory Afforestation will be done in 1.00 ha. Area. The total afforestation cost will be about Rs.87000/- (Eighty seven Thousand Only) Galva Decoparts Pvt Ltd. 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 souble degraded Forest Areas. The prevailing wage rate is 351.30 per day.
(b)	Spacement	3 X 3 mtr., 100 plants per ha.
(c)	Species to be planted (No. Of plants per ha.)	100 Plants
(d)	Nursery Technique	Nine months old polypot raised plants will be planted at the onset of
(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 45X 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	Nil
(h)	Protection Trench	Nil

(i)	Silvicultural Operations	1st year three weeding soil working, support watering will be provided if needed.	
(j)	Maintenance	It is proposed to maintain the Plantation up to ten years.	
(k)	Subsequent Silvicultural Operation	Cleaning, cutback, 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%
		(iii)	The result 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.
		(iv)	The collar girth is also to be reordered at the end of each year.
		(v)	At the end of maintenance period, the area is aimed at full stocking and pole crop girth for all the species, except bamboo.
		(vi)	Bamboo would be of the harvestable size by the end of 4th year.
		(vii)	Third party monitoring mechanism is also in the State and if the
(m)	Regeneration cleaning	Cut-back and promotion of root suckers.	
(n)	Silvicultural & other activities	Only afforestation aimed plantation will be taken up, as the area falls under degraded forest land.	


 Deputy Conservator of Forest
 Valsad South Division
 Valsad

The Compensatory Afforestation scheme at the cost of Rs.87000/- is technically and administrative approved by the undersigned.


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 Valsad South Division
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Model No - 3
Annexure -4 (1)

Compensatory Afforestation Scheme for double degraded area under FCA proposal Diversion of 0.004 Ha.Reserved Forest land for 11 KV HT Power Supply Cable from Talwada Overhead Water Tank to Terminal Technology Company at Village:Zaroli,Taluka: Umargam, District Valsad.

Dally wages Rs. 351.30

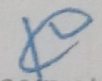
Spacemnts = 3 m X 3 m

100 plants per hectare + 20% casualty replacement current year,1st year 2nd year.

(20 X 30 polypots)

Sr.No.	Items of Work	Qty.	Rate	Remarks
1		2	3	4
1.Nursery				
(a)	Cost of container,soil, manure, seeds, water, fartilliser, insecticides, implements, rent of land. Shade, etc. labour: Preparation of beds, filling and arranging of bags, showing of seeds, watering shifting, weeding etc. & Maintanance of seedlings,Watering shifting & grading insecticide,hormones etc.from April to July.	120 seedlings in 20 x 30 bags	2477	
Total of 1			2477	
2. Area Development (Land Preparation)				
(a)	Selection of site,survey & preparation,site cleaning (cut back,Pruning,treding opretion)	1 Ha	10320	
(b)	Aligment and digging of pits 0.45 X 0.45 X 0.45	100	1038	
Total of 2			11358	
3 Protection				
(a)	Plant fencing 460 rmt.@ rs.100	460 rmt.	46000	
Total of 3			46000	
4 Current year Operation				
Planting & Cultural Operation				
(a)	Raising of seedlings for casualty @ 20%	20	243	
(b)	Transport of seedings including casualty replacement	120	508	
(c)	Planting with Khamna	100	442	
(d)	1st weeding cum soil working	100	451	
(e)	2nd weeding cum soil working	100	339	
(f)	Support watering-3 times	100	2539	
Total of 4			4522	
5 1st year Cultural Operation				
(a)	Maintenance of casualty seeding @ 20% from April to July	20	243	
(b)	Casualty replacement transport & planting	20	153	
(c)	One weeding cum soil working	100	451	
(d)	Repairs of fence and protection	100	2064	
Total of 5			2911	

Sr.No.	Items of Work	Qty.	Rate	Remarks
6 2nd year Cultural Operation				
(a)	Maintenance of casualty seeding @ 20% from April to July	20	243	
(b)	Casualty replacement transport & planting	20	153	
(c)	One weeding cum soil working	100	451	
(d)	Repairs of fence and protection	100	2064	
Total of 6			2911	
7 3rd year Cultural Operation				
(a)	Repairs of fence and protection	100	2064	
Total of 7			2064	
8 4th year Cultural Operation				
(a)	Protection	Lumsum	2100	
9 5th to 10th year Cultural Operation				
(a)	Protection	Lumsum	12500	
GRAND TOTAL			86843	
		Say	87000	


 Deputy Conservator of Forest
 Valsad South Division
 Valsad