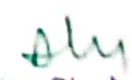


**Estimated cost of per ha of model of Degraded forest area**

1) Diverted Forest Area = 0.8053 ha				Daily Wage Rate @ 411/-
2) Comp. Aff. Scheme area = 1.8106 ha				Plants/Ha : 1000
3) Name of Site of Plantation : Sarthpur Forest				
4) No. of plants Planted = 1611 plants				
5. Name of species to be planted : Shisham, Arjun, Jamun, Drekh etc				
Name of Work	Unit	Unit cost W.R 411	Qty.	Amount wage rate 411/-
<b>Nursery</b>				
Nursery cost of raising plants (10% beating up of failure, 10% wastage in Nursery and 5% transportation wastage)	No	16.75	1250	20939
<b>Soil Work</b>				
1. Site Clearance				
I. Jungle Clearance	Ha	6722.79	0.50	3361
II. Kana Stubbing	Ha	33625.68	0.25	8406
2. Alignment and Dag bailing	Ha	1233.00	1	1233
3. Earthwork (500 X 0.50 X 0.50 X 0.40) 50% Hard Soil	cmt	127.14	50	6357
(500*0.5*0.5*0.4m) 50% Medium Soil	cmt	97.16	50	4858
<b>Sub Total</b>				<b>24216</b>
<b>Sub Total Nursery and Soil Work</b>				<b>45155</b>
<b>Plantation</b>				
Loading & Unloading of Plants	No	0.52	1100	567
Carnage of Plants (avg. distance upto 10 Km)	No	2.47	1100	2715
i. Refilling of pits 1000 x 0.50 x 0.50 x 0.30	m3	33.61	75	2521
ii. Planting	No	4.45	1000	4453
Application of Insecticide (2 Times)	No	0.50	2000	1009
Spot Irrigation	No	3.70	1000	3702
<b>Maintenance</b>				
Re Kana Stubbing (2nd time)	ha	10275.00	0.25	2569
Re Jungle Clearance (2nd time)	ha	2976.81	0.5	1488
Replacement of 10% failures	No	17.60	100	1760
Weeding & Hoeing (Twice)	No	4.45	2000	8907
Application of Fertilizers (twice)	No	0.50	2000	1009
Spot Irrigation (8 times)	No	3.70	8000	29618
Watch & Ward for every 10 Ha of plantation	Man/ Year	10686.00		10686
Covering (25% plants)	No	3.70	250	926
Uncovering	No	0.41	250	102
<b>Sub Total Plantation</b>				<b>72030</b>
i) Material and Supply 3% of Plantation Cost				2161
ii) POL and Machinery 2% of plantation cost				1441
iii) Other Charges 5% of Plantation Cost				3602
<b>Sub Total</b>				<b>7203</b>
<b>Total Cost of Creation Year</b>				<b>124388</b>
<b>Maintenance 1 Year</b>				
<b>Nursery</b>				
Nursery cost of raising plants 25% (including 10% wastage in Nursery and 5% transportation wastage)	1 No.	16.75	287	4808
<b>Planting</b>				
Re Kana Stubbing (2nd time)	ha	10275.00	0.25	2569
Re Jungle Clearance (2nd time)	ha	2976.81	0.5	1488
Reopening of Pits 250 x 0.50 x 0.50 x 0.40	1 m3	74.73	25	1868
Refilling of pits 250 x 0.50 x 0.50 x 0.30	1 m3	33.62	18.75	630
Loading/Unloading of plants	No	0.50	262	132
Carnage of plants (avg. distance of 10 km)	No	2.47	262	647
I. Planting	No	4.45	250	1113
II. Carnage from site to site	No	0.16	250	40
Spot Irrigation (Once)	No	3.70	250	926
<b>Maintenance</b>				
Application of fertilizer (Twice)	No	0.50	2000	1009
Spot Irrigation (6 times)	No	3.70	6000	22213
Weeding & Hoeing (Twice)	No	4.45	2000	8907
Watch & Ward	Man/ Year	10686.00	10/12	10686

  
 Anjan Singh  
 Divisional Forest Officer  
 Dargya Forest Division Dargya



Singling and Pruning to plants 50%	No	3 77	500	1883
<b>Sub Total</b>				<b>54112</b>
i) Material and Supply 3% of Plantation Cost				1623
ii) POL and Machinery 2% of plantation cost				1082
iii) Other Charges 5% of Plantation Cost				2706
<b>Total Cost of 1st Year Mtc. Without Nursery</b>				<b>59523</b>
<b>Total Cost of First year Maintenance including nursery</b>				<b>64331</b>
<b>Maintenance 2nd year</b>				
<b>Nursery</b>				
Nursery cost of raising plants 15% (including 10% wastage in Nursery and 5% transportation wastage)	No	16 75	173	2898
<b>Planting</b>				
ReJungle Clearance				
Loading/Unloading of plants	Ha	2976.81	0 5	1488
Carriage of plants	No	0 50	157	79
(avg. distance of 10 km)				
Re opening of pits 150 x 0 50 x 0 50 x 0 40	No	2 47	157	387
Refilling of pits 150 x 0 50 x 0 50 x 0 30	Cmt	74 68	15	1120
I Planting	1 m3	33 62	11 25	378
II Carriage from site to site	No	4 45	150	668
Spot Irrigation (Once)	No	0 16	150	24
Singling and Pruning to plants 50%	No	3 70	150	555
<b>Maintenance</b>	No	3 77	500	1883
Weeding & hoeing (once)	No	4 45	1000	4453
Spot Irrigation (6 times)	No	3 70	900	3332
Watch & Ward	Man/ Year	10686 00	10/12.	10686
<b>Sub Total</b>				<b>25056</b>
ii) POL and Machinery 2% of plantation cost				501
iii) Other Charges 5% of Plantation Cost				1253
<b>Total Cost of 2nd Year Mtc. Without nursery</b>				<b>26810</b>
<b>Total Cost of 2nd year maintenance including nursery</b>				<b>29708</b>
<b>3rd Year Maintenance</b>				
<b>Nursery</b>				
Nursery cost of raising plants 10% (including 10% wastage in Nursery and 5% transportation wastage)	No.	16.75	115	1926
<b>Planting</b>				
ReJungle Clearance	ha	2976.81	0 5	1488
Re opening of pits 100 x 0 50 x 0 50 x 0 40	Cmt	74 68	10	747
Refilling of pits 100 x 0 50 x 0 50 x 0 30	1 m3	33 62	7 5	252
Loading/Unloading of plants	No	0 50	105	53
Carriage of plants				
(avg. distance of 10 km)	No	2 47	105	259
I Planting	No	4 45	100	445
II Carriage from site to site	No	0 16	100	16
Spot Irrigation (Once)	No	3 70	100	370
<b>Maintenance</b>				
One man per 10 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	No.	10686 00	10/12.	10686
<b>Total Cost of 3rd Year Mtc. Without nursery</b>				<b>14317</b>
<b>Total Cost of 3rd year maintenance including nursery</b>				<b>16243</b>
<b>4th Year Maintenance</b>				
One man for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686 00	10/12.	10686
<b>5th Year Maintenance</b>				
One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686 00	10/12.	10686
<b>6th Year Maintenance</b>				
One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686 00	10/12.	10686
<b>7th Year Maintenance</b>				
One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686 00	10/12.	10686
<b>8th Year Maintenance</b>				

  
 Anjan Singh  
 Divisional Forest Officer  
 Dargaya Forest Division Dargaya

One man per 20 hac. for tending operations like singling and pruning , weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686.00	10/12.	10686
<b>9th Year Maintenance</b>				
One man per 20 hac. for tending operations like singling and pruning , weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686.00	10/12.	10686
<b>10th Year Maintenance</b>				
One man per 20 hac. for tending operations like singling and pruning , weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/ Year	10686.00	10/12.	10686
<b>Total Cost Up To 10Th Year Mtc.</b>				<b>309472</b>
<b>Comp. Aff. Scheme for 1.00 Ha.</b>				<b>309472</b>
<b>Scheme Details</b>				
A Compensatory Afforestation Scheme	Rs	1.6106	309472.00	498435.60
B Entry Point Activities including livelihood generation ( Strengthening of JFMC's, Trainings , Solar Lights etc) 10% of CA	Rs			49843.56
C.Administative Charges 5 %	Rs			24921.78
			<b>Total</b>	<b>573200.94</b>

  
 Divisional Forest Officer,  
**Anand Singh**  
 Divisional Forest Officer  
 Dasuya Forest Division **Dasuya**