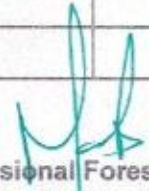


Estimated cost of per ha of Model of Degraded Forest Area**Plants Per Hectare : 1000 Nos.**

Sr. No.	Name of Work	Unit	Qty.	Unit Cost (in Rs.)	Amount
A	Nursery				
	Nursery cost of raising plants (10% beating up of failure 10% wastage in nursery and 5% transporation wastage)	No	1250	16.75	20938
B	Soil Work				
1	Site . Clearance				
I	Jungle Clearance	Ha.	0.50	6722.79	3361
II	Kana Stubbing	Ha.	0.25	33625.68	8406
2	Alignment & Dag balling	Ha.	1.00	1233.00	1233
3	Earth work (500 x 0.5 m x 0.5 m x 0.4m) 50% Hard Soil	cmt	50	127.50	6375
	(500x0.x0.5x4m)50 % Medium Soil	cmt	50	97.16	4858
	Sub Total				24216
	Sub Total Nursey and Soil Work				45154
C	Plantation				
1	Loading & Unloading of Plants	No	1100	0.52	567
2	Carriage of Plants (avg distance upto 10 KM)	No	1100	2.47	2717
3	i) Refilling of Pits 1000x0.5mx0.5mx0.30	m3	75	33.61	2521
	ii) Planting	No	1000	4.45	4453
4	Application of Insecticide (2 Times)	No	2000	0.50	1009
5	Spot Irrigation	No	1000	3.70	3702
D	Maintenance				
1	Re Kana Stubbing (2nd Time)	Ha.	0.25	10275.00	2569
2	Re jungle Clearance (2 Times)	Ha.	0.5	2976.81	1488
3	Replacement of 10% failures	No	100	17.60	1760
4	Weeding & Hoeing(Twice)	No	2000	4.45	8907
5	Application of Fertilizers (2 Times)	No	2000	0.50	1009
6	Spot Irrigation (8 Times)	No	8000	3.70	29618
7	Watch & Ward for every 10 Ha of plantation	Man/Year		10686.00	10686
8	Covering (25% plants)	No	250	3.70	926
9	Uncovering	No	250	0.41	102
	Sub Total Plantation				72032
10	i) Material and Supply 3% of plantation Cost				2161
	ii) POL and Machinery 2 % of plantation cost				1442
	iii) Other Charges 5% of plantation cost				3602
	Total plantation +Eathwork+Plantation(planting year)				79233
	Total cost of Creation Year				124388
	Maintenance 1 Year				
A	Nursery				
1	Nursery Cost of raising plants for 25% (Inculding 10 % wastage in Urserly and 5% transporation wastage)	1 No.	287	16.75	4808
B	Planting				
1	Re Kana Stubbing (2nd Time)	Ha.	0.25	10275	2569
2	Re jungle Clearance (2 Times)	Ha.	0.50	2976.81	1488

5	Loading/Unloading of plants	No	262	0.50	132
6	Carriage of Plants (avg distance upto 10 KM)	No	262	2.47	647
7	i. Planting	No	250	4.45	1113
	ii Reopening of pits	Cmt		0.00	
	iii. Carriage from site to site	No	250	0.16	40
8	Spot Irrigation (Once)	No	250	3.70	926
C	Maintenance				
1	Application of fertilizer (2 Times)	No	2000	0.50	1009
2	Spot Irrigation (8 Times)	No	6000	3.70	22213
3	Weeding & Hoeing (Three)	No	2000	4.45	8907
4	Watch & Ward	Man/Year	10/12.	10686.00	10686
5	Singling and Pruning to plants 50%	No	500	3.77	1883
	Sub Total				54112
6	i) Material and Supply 3% of plantation Cost	Kg			1623
	ii) POL and Machinery 2 % of plantation cost				1082
	iii) Other Charges 5% of plantation cost				2706
	Maintenance Cost without Nursery				59523
	Total Cost of 1st Year Mtc. Including nursery				64331
	Maintenance 2nd Year				
A	Nursery				
	Nursery Cost of raising plants for 15% (Including 10 % wastage in Nursery and 5% transporation wastage)	No.	173	16.75	2898
B	Planting				
1	Loading & Unloading of Plants	No.	157	0.51	80
2	Carriage of Plants (avg distance upto 10 KM)	No.	157	2.47	388
3	Reopening of Pits 150 x 0.50 x 0.50 x 0.40	1m3	15	74.89	1120
4	Refilling of Pits 150 x 0.50 x 0.50 x 0.30	1m3	11.25	33.62	378
5	I) Planting	No	150	4.45	668
	II) Carriage from site to site	No	150	0.16	24
6	Spot Irrigation (Once)	No	150	3.70	555
8	Re Jungle Clearance	No	0.50	2976.81	1488
9	Singling and Pruning to plants 50%	No	500	3.77	1883
C	Maintenance				
1	Weeding & Hoeing (Once)	No	1000	4.47	4453
2	Spot Irrigation (6 times)	No	900	3.71	3332
3	Watch & Ward	Man/Year	10/12.	10716.16	10716
	Sub Total				25056
4	i) POL & Material and Supply 3% of plantation Cost				501
	iii) Other Charges 5% of plantation cost				1253
	Total Cost of 2nd Year Mtc.				26810
	Maintenance 3rd Year				29708
A	Nursery				
	Nursery Cost of raising plants for 10% (Including 10 % wastage in Nursery and 5% transporation wastage)	No	115	16.75	1926
B	Planting				
1	Re Jungle Clearance	Ha.	0.5	2976.81	1488

3	Refilling of Pits 150 x 0.50 x 0.50 x 0.30	1m3	7.5	33.62	252
4	Loading & Unloading of Plants	No	105	0.50	53
5	Carriage of Plants (avg distance upto 10 KM)	No	105	2.47	259
6	I) Planting	No	100	4.45	445
	II) Carriage from site to site	No	100	0.16	16
7	Spot Irrigation (Once)	No	100	3.70	370
C	Maintenance				
1	One man per 10 hac for trending operatins llike singling and pruning weedeing, hand watering etc.as per site requirements and simultaneous protection works	No	1	10686.00	9568
	Cost of 3rd year Maintnenance without Nursery				14317
	Total Cost of 3rd Year Mtc. including nursery				16244
	Grand Total (planting year upto 3rd year Mtc)				234671
1	Maintenance 4th Year				
	One man for trending operations llike singling and pruning weedeing, hand watering etc.as per site requirements and simultaneous protection works	No	1	10686.00	10686
1	Maintenance 5th Year				
	One man 20 per trending operations like singling and pruning, weedeing, hand watering etc.as per site requirements and simultainous protection works	Man/Year	1	10686.00	5343
	Entry Point Activities 15 % of Plantation Cost (only for CA)			0.00	0.00
	Grand Total				250700
	Abstract of Degraded Plantation				
Sr. No.	Component	Wage Rate			411.0
1	Plantation Year	Nursery			20939
		Earth			24216
		Plantation			79233
2	Sub Total				124388.34
	1st Maintenance Year	Nursery			4808
		Mtc			59523
3	Sub Total				64331
	2nd Maintenance Year	Nursery			2898
		Mtc			29810
4	Sub Total				29707
	3rd Maintenance Year	Nursery			1927
		Mtc			14317
	Sub Total				16244
5	4th Maintenance				10686
6	5th Maintenance				5343
	Grand Total				250700
	Cost of Compensatory Afforestation per Ha. For 5 Years				
	Rs.250700 per Ha.x 0.100= 25070/-				
	Grand Total = 25070/-				


 Divisional Forest Officer,
 Sangrur Forest Division,
 Sangrur