

ਪੰਜਾਬ ਸਰਕਾਰ,
ਵਣ ਅਤੇ ਜੰਗਲੀ ਜੀਵ ਸੁਰੱਖਿਆ ਵਿਭਾਗ, ਪੰਜਾਬ,
ਦਫਤਰ ਵਣ ਮੰਡਲ ਅਫਸਰ, ਅੰਮ੍ਰਿਤਸਰ।
ਫਾਰੈਸਟ ਕੰਪਲੈਕਸ, ਤਾਰਾ ਵਾਲਾ ਪੁੱਲ, ਅੰਮ੍ਰਿਤਸਰ।
ਫੋਨ/ਫੈਕਸ ਨੰ : 0183-2585480
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ਸੇਵਾ ਵਿਖੇ :

ਵਧੀਕ ਪ੍ਰਧਾਨ ਮੁੱਖ ਵਣ ਪਾਲ (ਐਫ.ਸੀ.)
ਅਤੇ ਨੋਡਲ ਅਫਸਰ ਐਫ.ਸੀ.ਏ,
ਪੰਜਾਬ, ਐਸ.ਏ.ਐਸ. ਨਗਰ।


ਨੰਬਰ 9717 ਮਿਤੀ 02-02-2022

ਵਿਸ਼ਾ:- FP/PB/Road/37029/2018:- Div of 30.30 ha. of forest land for construction of proposed road along canal (Kasur Branch Lower/ Khem Karan Distributary) from village Joura originating from MDR-62 (Tarn Taran-Patti Road) to village Mehmoodpura RD 0 to 30300 (Total Length 30.30 km) Tehsil Patti, Distt. Tarn Taran

ਹਵਾਲਾ:- ਆਪ ਜੀ ਦੇ ਦਫਤਰ ਦਾ ਪੱਤਰ ਨੰ: I/311200/2022 ਮਿਤੀ 27-01-2022

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਤੇ ਹਵਾਲੇ ਅਧੀਨ ਪੱਤਰ ਦੇ ਸਬੰਧ ਆਪ ਜੀ ਨੂੰ ਬੇਨਤੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਕਿ ਭਾਰਤ ਸਰਕਾਰ ਵੱਲੋਂ ਮਿਤੀ 06-01-2022 ਰਾਹੀਂ ਰੀਵਾਇਜਡ ਕੀਤੇ ਗਏ ਐਨ.ਪੀ.ਵੀ ਦੇ ਰੇਟ ਅਤੇ ਜਿਲ੍ਹੇ ਦੇ ਵੇਜ਼ ਰੇਟ ਅਨੁਸਾਰ ਸੀ.ਏ.ਸਕੀਮ ਅਤੇ ਪਾਰਟ-2 ਸੋਧਣ ਉਪਰੰਤ ਨਾਲ ਨੱਥੀ ਕਰਕੇ ਆਪ ਜੀ ਨੂੰ ਸੂਚਨਾ ਅਤੇ ਅਗਲੀ ਲੋੜੀਂਦੀ ਕਾਰਵਾਈ ਲਈ ਭੇਜੀ ਜਾਂਦੀ ਹੈ।

ਨੱਥੀ/ਉਪਰਵਾਗ



ਵਣ ਮੰਡਲ ਅਫਸਰ,
ਅੰਮ੍ਰਿਤਸਰ।

ਪਿੱਠ ਅੰਕਣ ਨੰ:

ਮਿਤੀ

ਕਾਪੀ ਵਣ ਪਾਲ ਬਿਸਤ ਸਰਕਲ ਜੀ ਨੂੰ ਉਪਰੋਕਤ ਹਵਾਲੇ ਵਿੱਚ ਸੂਚਨਾ ਅਤੇ ਲੋੜੀਂਦੀ ਕਾਰਵਾਈ ਲਈ ਭੇਜੀ ਜਾਂਦੀ ਹੈ।

ਨੱਥੀ/ਉਪਰਵਾਗ


ਵਣ ਮੰਡਲ ਅਫਸਰ,
ਅੰਮ੍ਰਿਤਸਰ।

Diversion of 30.30 ha. of forest land for construction of proposed road along canal (Kasur Branch Lower/Khem Karan Distributory from village Joura originationg from MDR-62 (Tarn Taran-Patti Road) to Vill. Mehmoodpura RD 0 to 30.30 (Total length 30.30 Km) Tehsil Patti Distt. Tarn Taran.

To be filled up by the Nodal Officer with date of receipt)

PART-II

(To be filled by the concerned Deputy Conservator of Forests)

State serial No. of proposal	
7. Location of the project/Scheme :	
(i) State/Union Territory	Punjab
(ii) District.	Tarn Taran
(iii) Forest Division	Amritsar Forest Division.
(iv) Area of Forest land proposed for diversion (in ha)	30.30 ha
(v) Legal status of Forest .	Protected Forest
(vi) Density of Vegetation.	0.3
(vii) Species-wise (Scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation/ hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.)	Attached
(viii) Brief note on vulnerability of the forest area to erosion.	Area is not vulnerable to erosion.
(ix) Approximate distance of proposal site for diversion from boundary of forest.	Adjoining
(x) Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
(xi) Whether any rare/endangered/unique species of flora and fauna found in the area if so details thereof.	No
(xii) Whether any protected archaeological/heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No

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I.F.S.

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8. Whether the requirement of forest land as proposed by the user agency in col.2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	Yes																
9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	No																
10. Details of compensatory afforestation scheme :	Annexure 1 and 2 Attached																
i) Details of non forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.																	
ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries	Attached																
(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Attached																
(iv) Total financial outlay for compensatory afforestation scheme.	<table> <tr> <td>Cost of C.A.</td><td>33388472</td></tr> <tr> <td>Entry point activity</td><td>3338847</td></tr> <tr> <td>Addl. C.A.</td><td>18088110</td></tr> <tr> <td>NPV</td><td>41120433</td></tr> <tr> <td>Cost of Two Bolero Camper</td><td>1700000</td></tr> <tr> <td>Cost of Five Computers for office use</td><td>200000</td></tr> <tr> <td>Cost of One JCB Machine</td><td>2500000</td></tr> <tr> <td>Total -</td><td>82247752</td></tr> </table>	Cost of C.A.	33388472	Entry point activity	3338847	Addl. C.A.	18088110	NPV	41120433	Cost of Two Bolero Camper	1700000	Cost of Five Computers for office use	200000	Cost of One JCB Machine	2500000	Total -	82247752
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Diversion of 30.30 ha. of forest land for construction of proposed road along canal (Kasur Branch Lower/Khem Karan Distributory from village Jaura originating from MDR-62 (Tarn Taran-Patti Road) to Vill. Mehmoodpura RD 0 to 30.30 (Total length 30.30 Km) Tehsil Patti Distt. Tarn Taran.

v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view.(To be signed by the concerned Deputy Conservator of Forests)	Attached
11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col.7 (xi, xii), 8 and 9 above.	Attached
12. Division/District profile :	5.06 Lac ha.
(i) Geographical area of the district.	
(ii) Forest area of the district.	
(a) Amritsar Distt.	9970.90hac
(b) Tarn Taran Distt.	4800.83hac
(iii) Total forest area diverted since 1980 with number of cases.	341 cases(620.89 ha)
(iv) Total compensatory afforestation stipulated in the district/division since 1980 on	
(a) forest land including penal compensatory afforestation.	1398.60 hac
(b) non-forest land.	Nil
(v) Progress of compensatory afforestation as on (date) <u>31-12-2017</u>	
(a) forest land	1419.1016 hac
(b) non-forest land.	Nil
13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	Recommended for approval

Signature

Name

Official Seal

Date : 2/2/2022

Place: ASR


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C.A Scheme				Wage Rate: 353/-	
				Plants Per ha. 1000 No.	
Plantation Model for Standard Plantation under Compensatory Afforestation					
Advance Work and Plantation					
	Name of Work	Unit	Qty	Unit Cost (In Rs.)	Total Amt
	Nursery				
	Cost of raising plants	1.100	1100	21.52	23676.83
A	Soil Works				
1	Site /Jungle Clearance (50%)	Ha.	0.50	5776.31	2888.15
2	Alignment & Dagbailing	Ha.	1	1059.00	1059.00
3	Earth Work- (a) Digging of Pits 1000x 0.5m x0.5m x0.4m	1M ³	100	109.11	10910.71
4	Kana Stubbing 25%	Ha.	0.25	28881.43	7220.36
B	Plantation Work				
1	a) Refilling of Pits 1000 x 0.5m x0.5m x0.4m	100 cum	75	2956.38	2217.28
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No	1100	591.92	6511.13
3	Carriage of Plants (1000+10% Wastage=1100 avg. distance upto 10 km)	100 No	1100	211.80	2329.80
4	i) Carriage from site to site	100 No	1000	141.20	1412.00
	ii) Planting of Plants (1000 No Including 10% replacement)	100 No	1000	1059.00	10590.00
5	Spot Irrigation (1000 Plants)	100 No	1000	220.63	2206.25
6	Application of Insecticide (2 times)	100 No	1000	44.13	441.25
7	Application of Fertilizers (2 times)	100 No	1000	44.13	441.25
8	Weeding & Hoeing 3 times	100 No	3000	384.77	11543.10
9	Hand Watering (12 Times)	100 No	12000	220.63	26475.00
10	Replanting of Plants 10%	100 No	100	623.25	623.25
11	Rejungle Clearance (2 times)	Per Ha.	1	2559.25	2559.25
12	Covering (25% plants) of plants	100 No	250	317.70	794.25
13	Uncovering of plants	100 No	250	35.30	88.25
14	Restubbing of Kana (1 time)		0.25	28881.75	7220.44
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 months)	Man year	1Man 7 Month	9178.00	9178.00
17	Material				
	i) Insecticides/Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire& fencing	L/s			50000.00
			Sub Total		198257.55
Maintenance I Year					
1	Cost of raising plants for 30% replacement	1 No.	300	21.52	6457.32

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2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.60	64.17	1341.68
3	Refilling of pits with earth in other soils 300	1 m3	21.6	29.56	618.08
4	Loading & Unloading of Plants	1 No.	300	2.65	794.25
5	Carriage of Plants (300+10% Wastage=330 avg. distance upto 10 km.)	100 No	1	211.15	211.15
6	Spreading of plants pit to pit	100 No	165	141.20	232.98
7	Re-planting Tall Plants	100 No	165	354.16	584.37
8	Spot Irrigation	100 No.	165	220.63	364.03
9	Weeding & Hoeing (thrice)	100 No	3000	384.77	11543.10
10	App. Of Fertilizer (two times)	100 No	1000	44.13	441.25
11	App. Of Insecticide (two times)	100 No	1000	44.13	441.25
12	Hand watering (6 times)	100 No	6000	384.77	23086.20
13	Rejungle Clearance (2 times)	Per Ha.	1.00	2559.25	2559.25
14	Restubbing of Kana	Per Ha.	0.25	28881.43	7220.36
15	Watch & Ward for every 10 Ha. (10 months)	Man year	1/10 Man yr.	9178.00	9178.00
16	Repair of Barbed wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and supply	L/s			5000.00
			Sub Total		80073.27
Maintenance II Year					
1	Cost of raising plants for 15% replacement	No.	150	21.52	3228.66
2	Reopening of Pits 250 x 0.60 x 0.60 x 0.40	1 m3	21.6	64.17	644.00
3	Refilling of pits with earth in other soils 250 x 0.60 x 0.60 x 0.40	1 m3	21.6	29.56	296.68
4	Loading & Unloading of Plants	1 No.	75	2.65	198.56
5	Carriage of Plants = 75 avg. distance upto 10 km.)	100 No	1	211.15	211.15
6	Spreading of plants pit to pit	100 No	75	141.20	105.90
7	Re-planting to tall plants	100 No	75	246.55	184.91
8	Spot Irrigation	100 No.	75	220.63	165.47
9	Weeding & Hoeing (twice)	100 No	2000	384.77	7695.40
10	Hand Watering 5 Times	100 No	500	220.63	11031.25
11	Rejungle Clearance (2 times)	Per Ha.	1.00	2559.25	2559.25
12	Pruning to plants	100 No.	100	417.15	417.15
14	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9178.00	9178.00
15	Repair of Barbed wire	L/s			5000.00
16	POL & Machinery	L/s			5000.00
17	Material and supply	L/s			5000.00
			Sub Total		50916.39
Maintenance III Year					
1	Cost of raising plants for 10% replacement	1 No.	100	21.52	2152.44
2	Reopening of Pits 200 x 0.50 x 0.50 x 0.40	1 m3	10	6417.50	429.34
3	Refilling of pits with earth in other soils 100 x 0.60 x 0.60 x 0.40	1 m3	7.5	29.56	197.78
4	Loading & Unloading of Plants	1 No.	100	2.65	264.75
5	Carriage of Plants 200 avg. distance upto 10 km.)	100 No	100	1.08	107.62


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6	Spreading of plants pit to pit	100 No	100	141.20	141.20
7	Re-planting to plants	100 No	100	246.55	246.55
8	Spot Irrigation	100 No.	100	220.63	220.63
9	Weeding & Hoeing (Twice)	100 No	2000	384.77	7695.40
10	Hand Watering (5 times)	100 No	5000	220.63	11031.25
11	Pruning to plants 20%	100 No.	200	417.15	834.31
12	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9178.00	9178.00
13	Repair of Barbed wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and supply	L/s			5000.00
			Sub Total		47499.26
Maintenance IV Year					
1	Cost of raising plants for 15% replacement	1 No.	50	21.52	1076.22
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	6417.50	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	29.56	197.78
4	Loading & Unloading of Plants	1 No.	50	2.65	132.38
5	Carriage of Plants = 150 avg. distance upto 10 km.)	100 No	50	1.08	53.81
6	Spreading of plants pit to pit	100 No	50	141.20	70.60
7	Re-planting to plants	100 No	50	246.55	123.28
8	Spot Irrigation	100 No.	50	220.63	110.31
9	Weeding & Hoeing (Twice)	100 No	2000	384.77	7695.40
10	Hand Watering (4 times)	100 No	4000	220.63	8825.00
11	Pruning to plants 30%	100 No.	300	417.15	1251.46
12	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9178.00	9178.00
13	Repair of Barbed wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and supply	L/s			5000.00
			Sub Total		44143.57
Maintenance V Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9178.00	9178.00
			Sub Total		9178.00
Maintenance VI Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9178.00	9178.00
			Sub Total		9178.00
Maintenance VII Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9178.00	9178.00
			Sub Total		9178.00


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Maintenance VIII Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9178.00	9178.00
			Sub Total		9178.00
Maintenance IX Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9178.00	9178.00
			Sub Total		9178.00
Maintenance X Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9178.00	9178.00
			Sub Total		9178.00
					475958.04
	Over Head expenses 5%				23797.90
	Wages Enhancement 10%				47595.80
			G.Total		547351.75
			Or Say		547352.00

Summary of Costs

a) Cost of Plantation:

- (i) Cost of plantation in 1 Hect. Area (1000 Plants)+
- (ii) Cost of plantation for **61** ha. area
- (iii) Entry point activity 10% cost of CA

Rs **547352.00**
Rs 33388472
3338847

Net present value as fixed by Govt. for
b) open area diverted @ **Rs 1357110 lac**
per ha.

41120433

41120433

c) Cost of Two Bolero Camper

1700000

d) Cost of Five Computers for office use

200000

e) Cost of One JCB Machine

2500000

G.Total 82247752


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2. Schedule of Plantation Programme:-

Detail of year wise break up of requirements of funds is as under:-

Year	Area	Rate/ha.	Total amount
0 th year	61	198257.55	12093710.55
1 st year	61	80073.27	4884469
2 nd year	61	50916.39	3105900
3 rd year]	61	47499.26	2897455
4 th year	61	44143.57	2692758
5 th year	61	9178	559858
6 th year	61	9178	559858
7 th year	61	9178	559858
8 th year	61	9178	559858
9 th year	61	9178	559858
10 th year	61	9178	559858
Expenses overhead 5%	61	23797.9	1451672
Supervision charge 10%	61	47595.8	2903344
Total:-			33388456
Or say			33388472

3. Technical details:-

Technical Details of Compensatory Afforestation Scheme Are As Follows:-

- General Details:- **Blank Area to be stocked by planting 61 Area.**
- Spacement:- **4m x 2.5 m**
- Species:- **Shisham, Drek, Euc, Arjun etc.**
- Plantation Method:- **Pits & Ridge Method**
- Soil And Moisture Conservation Works:- **N.A.**
- Protection (Fencing, Watch Man, People's Participation Etc.) **Watchman**
- Proposed Monitoring Mechanism:- **as per guidelines issued by PCCF.**

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Additional CA

Cost Estimate for planting of Tall plants for Additional CA Rs. 368					
			500 Plants/hac.		
	Name of Work	Unit	Unit Cost (In Rs.)	Qty	Total Amt
	Nursery				
	Nursery cost/ of raising plants (10% beating up of failure and 5% transportation wastage)	1 No	100.00	575	57500.00
A	Soil Works				0.00
1	Site /Jungle Clearance (50%)	Ha.	6019.43	0.50	3009.72
2	Alignment & Dagbailing	Ha.	984.00	1	984.00
3	Earth Work- (a) Digging of Pits 500x 0.6m x0.6m x0.5m (Medium Soil)	1M3	86.99	90	7829.10
4	Kana Stubbing 25%	Ha.	30107.67	0.25	7526.92
	Total Earth Work				76849.73
B	Plantating				
1	a) Refilling of Pits 500* 60* 60* 40	100 cum	30.10	72	2167.20
2	Loading & Unloading of Plants	100 No	2.46	500	1230.00
3	Carriage of Plants	100 No	196.80	1	196.80
4	i) Carriage from site to site	100 No	1.31	500	655.00
	ii) Planting of Plants	100 No	6.00	500	3000.00
5	Spot Irrigation (500 Plants)	100 No	5.00	500	2500.00
6	Application of Insecticide (2 times)	100 No	0.45	1000	450.00
7	Application of Fertilizers (2 times)	100 No	0.45	1000	450.00
8	Weeding & Hoeing 2 times	100 No	6.00	1000	6000.00
9	Hand Water 12 Times	100 No	5.00	6000	30000.00

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12	Covering (25% plants) of plants	100 No	3.31	125	413.75
13	Uncovering of plants	100 No	0.37	125	46.25
14	Restubbing of Kana (1 time)	Ha.	9200.00	0.25	2300.00
16	Watch & Ward for every 10 Ha. (7 months)	Man year	9568.00	1Man 7	6697.00
	Total				136409.10
	Material and Supply 3% of Plantation Cost				4092.27
	i) POL and Machinery 2% of Plantation Cost				2728.18
17	ii) Other Charges 5% of plantation Cost				6820.46
	Toal material Supply				13640.91
	G. Total				150050.01
Maintenance I Year					
1	Nursery cost raising plants 25% (including 5% transportation wastage)	No.	100	131	13100.00
2	Reopening of Pits 125 x 0.60 x 0.60 x 0.50	1 m3	66.91	22.50	1505.48
3	Refilling of pits with earth in other soils 125 x 0.60	1 m3	30.1	18	541.80
4	Loading & Unloading of Plants	1 No.	2.46	125	307.50
5	Carriage of Plants	No	500	1	500.00
6	Spreading of plants pit to pit	No	1.31	125	163.75
7	Planting Tall Plants	No	6	125	750.00
8	Spot Irrigation	No	5	125	625.00
9	Weeding & Hoeing (Twice)	No	6.0	1000	6000.00
10	App. Of Fertilizer (two times)	No	0.45	1000	450.00
11	App. Of Insecticide (two times)	No	0.45	1000	450.00
12	Hand Water 12 Times	No	6.62	6000	39720.00
13	Rejungle Clearance (2 times)	Ha.	2665.37	1.00	2665.37

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14	Restubbing of Kana	Ha.	9200	0.25	2300.00
	Singling and Pruning to plants 50%	No	3.37	250	842.50
15	Watch & Ward for every 10 Ha. (10 months)	Man year	9528	1/10 Man yr.	9528.00
	Total				79449.40
	Material and Supply 3% of Plantation Cost				2383.48
	i) POL and Machinery 2% of Plantation Cost	L/s			1588.99
16	ii) Other Charges 5% of plantation Cost	L/s			3972.47
	Total				7944.94
	Total First year Mtc.				87394.34
Maintenance II Year					
1	Nursery cost / raising plants 15% (including 5% transportation wastage)	No.	100	79	7900.00
2	Reopening of Pits 75 x 0.60 x 0.60 x 0.50	1 m3	66.86	13.5	902.61
3	Refilling of pits with earth in other soils 75 x 0.60	1 m3	30.1	10.8	325.08
4	Loading & Unloading of Plants	1 No.	2.46	75	184.50
5	Carriage of Plants = 75 avg. distance upto 10 km.)	500 No	196.2	1	196.20
6	Spreading of plants pit to pit	1 No.	1.31	75	98.25
7	Planting to tall plants	1 No.	6	75	450.00
8	Spot Irrigation	1 No.	5	75	375.00
9	Weeding & Hoeing	1 No.	6	500	3000.00
10	Hand Watering 18 Times 75*12	1 No.	5	900	4500.00
11	Rejungle Clearance (2 times)	Ha.	2665.37	1.00	2665.37
13	Singling and Pruning to plants 50%	1 No.	3.37	250	842.50
14	Watch & Ward for every 10 Ha.	Man/year	9528	1/10 Man yr.	9528.00
	Total				30967.51
	Material and Supply 3% of Plantation Cost	L/s			929.03
	i) POL and Machinery 2% of Plantation Cost	L/s			619.35
	ii) Other Charges 5% of plantation Cost				1548.38
	Total				3096.76
	Total 2nd year Mtc.			Sub Total	34064.27
Maintenance III Year					
1	Nursery cost / raising plants 10% (including 5% transportation wastage)	1 No.	100	53	5300.00


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Estimate for Tall Plants

2	Reopening of Pits 50 x 0.60 x 0.60 x 0.50	1 m3	66.86	9	601.74
3	Refilling of pits 50 x 0.60 x 0.60 x 0.40	1 m3	30.10	7.2	216.72
4	Loading & Unloading of Plants	1 No.	2.46	50	123.00
5	Carriage of Plants 50 avg. distance upto 10 km.)	1 No.	196.2	1	196.20
6	Spreading of plants pit to pit	1 No.	1.31	50	65.50
7	Planting to plants	1 No.	6	50	300.00
8	Spot Irrigation	1 No.	5	50	250.00
C	Maintenance				
1	One man per 10 hac. For tending operations like singling and pruning, Weeding, hand watering etc. as per site requirements and simultaneous protection work	No.	1	9568	9568.00
	Total 3rd year Mtc.				16621.16
1	4th year Maintenance				
	One man for tending operations like singling and pruning, Weeding, hand watering etc. as per site requirements and simultaneous protection work	Man/year	1	9568	9568.00
	G. Total				297697.77
	Entry Point Activities 15% of plantation cost to be realised from user agency (only for CA)				44654.67
				G.Total	342352.43
				OR Say	342400

Total cost per Plant (in Rs) **685**
Cost of 13203x 2 = 26406 plants (Rs.) **18088110**
Area 53 ha.


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1. This is an indicative cost model for Additional CA plantations which can be modified in a site specific manner as per site requirements. While formulating Additional CA schemes for FCA cases other site specific interventions can be incorporated.
2. For protection of plantation, site specific interventions i.e. Tree guards/ barbed wire can be incorporated and its cost is to be realised from user agency.
3. By remaining within the total annual financial outlay operations can be changed in a site specific manner after recording reasons in writing by DFO after his personal site inspection.
4. In exceptional cases if site treatment requires some additional expenditure it shall involve a prior approval from competent authority after personal inspection and certificate by DFO along with recommendation from CF.