

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 10647

ਮਿਤੀ 26/12/22

ਵਿਸ਼ਾ:-

Proposal No. FP/PB/Approach/120478/2021:- Diversion of 0.0116 ha. of forest land for approach road to Residential Colony Named Empire Estate at Kala Ghanpur Sub-Urban, Opp. Dera Rada Swami, Ram Tirath Road on Amritsar-Ramritath Road Tehsil & Distt. Amritsar.

ਹਵਾਲਾ:-

ਆਪ ਜੀ ਦੇ ਦਫਤਰ ਤੋਂ ਪ੍ਰਾਪਤ ਆਨ-ਲਾਈਨ ਇਤਰਾਜ਼ ਮਿਤੀ 19-12-2022

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਤੇ ਹਵਾਲੇ ਅਧੀਨ ਪੱਤਰ ਦੇ ਸਬੰਧ ਵਿੱਚ ਆਪ ਜੀ ਵੱਲੋਂ ਲਗਾਏ ਗਏ ਆਨ-ਲਾਈਨ ਇਤਰਾਜ਼ ਅਨੁਸਾਰ ਐਨ.ਪੀ.ਵੀ ਦੀ Separate Sheet, ਨਵੇਂ ਰੇਟਾਂ ਅਨੁਸਾਰ ਸੀ.ਏ ਸਕੀਮ ਅਤੇ ਪਾਰਟ-2 ਪ੍ਰਤੀਹਸਤਾਖਰ ਕਰਨ ਉਪਰੰਤ ਆਨ-ਲਾਈਨ ਪਾਰਟ-2 ਵਿੱਚ ਅਪਲੋਡ ਕਰਕੇ ਨਾਲ ਨੱਥੀ ਕਰਕੇ ਆਪ ਜੀ ਨੂੰ ਭੇਜਕੇ ਬੇਨਤੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਕਿ ਇਸ ਕੇਸ ਦੀ ਮੁੱਢਲੀ ਪ੍ਰਵਾਨਗੀ ਜਾਰੀ ਕਰਨ ਦੀ ਖੇਚਲ ਕੀਤੀ ਜਾਵੇ ਜੀ।
ਨੱਥੀ/ਉਪਰਵਾਗ

ਵਣ ਮੰਡਲ ਅਫਸਰ,
ਅੰਮ੍ਰਿਤਸਰ।

ਪਿੱਠ ਔਕਣ ਨੰ:

ਮਿਤੀ

ਕਾਪੀ ਵਣ ਪਾਲ ਬਿਸਤ ਸਰਕਲ, ਪੰਜਾਬ ਜਲੰਧਰ ਜੀ ਨੂੰ ਉਪਰੋਕਤ ਹਵਾਲੇ ਵਿੱਚ ਸੂਚਨਾ ਅਤੇ ਅਗਲੀ ਕਾਰਵਾਈ ਲਈ ਭੇਜੀ ਜਾਂਦੀ ਹੈ।
ਨੱਥੀ/ਉਪਰਵਾਗ

ਵਣ ਮੰਡਲ ਅਫਸਰ,
ਅੰਮ੍ਰਿਤਸਰ।

Diversion of 0.0116 ha. of forest land for approach road to Residential Colony Named Empire Estate at Kala Ghanpur Sub-Urban, Opp. Dera Radha Swami, Ram Tirath Road on Amritsar-Ramritath Road Tehsil & Distt. Amritsar.

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)	0.0116 ha
(v) Legal status of Forest .	Protected Forest
(vi) Density of Vegetation.	Nil
(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.)	NA
(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
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

Divisional Forest Officer
Amritsar Forest Division
Amritsar

Diversion of 0.0116 ha. of forest land for approach road to Residential Colony Named Empire Estate at Kala Ghanpur Sub-Urban, Opp. Dera Radha Swami, Ram Tirath Road on Amritsar-Ramritath Road Tehsil & Distt. Amritsar.

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 : 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.	Bhurewal Minor 0 to tail B/s						
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>CA</td><td>54846</td></tr> <tr> <td>NPV</td><td>11110</td></tr> <tr> <td>Total</td><td>65956</td></tr> </table>	CA	54846	NPV	11110	Total	65956
CA	54846						
NPV	11110						
Total	65956						
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						

Divisional Forest Officer
 Amritsar Forest Division
 Amritsar
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Diversion of 0.0116 ha. of forest land for approach road to Residential Colony Named Empire Estate at Kala Ghanpur Sub-Urban, Opp. Dera Radha Swami, Ram Tirath Road on Amritsar-Ramritath Road Tehsil & Distt. Amritsar.

12. Division/District profile :	5.06 lac ha.(500006 lac)
(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.	397 cases (956.28917 ha)
(iv) Total compensatory afforestation stipulated in the district/division since 1980 on	
(a) forest land including penal compensatory afforestation.	1989.6323 hac
(b) non-forest land.	Nil
(v) Progress of compensatory afforestation as on (date) <u>30-04-2022</u>	
(a) forest land	1841.7941 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 : 26/12/22

Place: BSP

Divisional Forest Officer
Amritsar Forest Division
Amritsar

(Signature)

Conversion of 0.0116 ha. of forest land for approach road to Residential Colony Named Empire Estate at Kala Ghanpur Sub-Urban, Opp. Dera Radha Swami, Ram Tirath Road on Amritsar-Ramritath Road Tehsil & Distt. Amritsar.

Net Present Value

Wage Rate: 381/-

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	21.59	23745.04
A	Soil Works				
1	Site /Jungle Clearance (50%)	Ha.	0.50	5792.95	2896.47
2	Alignment & Dagbailing	Ha.	1	1062.05	1062.05
3	Earth Work- (a) Digging of Pits 1000x 0.5m x0.5m x0.4m	1M ³	100	109.42	10942.15
4	Kana Stubbing 25%	Ha.	0.25	28964.63	7241.16
B	Plantation Work				
1	a) Refilling of Pits 1000 x 0.5m x0.5m x0.4m	100 cum	75	2964.89	2223.67
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No	1100	593.63	6529.89
3	Carriage of Plants (1000+10% Wastage=1100 avg. distance upto 10 km)	100 No	1100	212.41	2336.51
4	i) Carriage from site to site	100 No	1000	141.61	1416.07
	ii) Planting of Plants (1000 No Including 10% replacement)	100 No	1000	1062.05	10620.51
5	Spot Irrigation (1000 Plants)	100 No	1000	221.26	2212.61
6	Application of Insecticide (2 times)	100 No	1000	44.25	442.52
7	Application of Fertilizers (2 times)	100 No	1000	44.25	442.52
8	Weeding & Hoeing 3 times	100 No	3000	385.88	11576.36
9	Hand Watering (12 Times)	100 No	12000	221.26	26551.27
10	Replanting of Plants 10%	100 No	100	625.05	625.05
11	Rejungle Clearance (2 times)	Per Ha.	1	2566.62	2566.62
12	Covering (25% plants) of plants	100 No	250	318.62	796.54
13	Uncovering of plants	100 No	250	35.40	88.50
14	Restubbing of Kana (1 time)		0.25	28964.96	7241.24
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	9204.44	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		198606.75

Divisional Forest Officer
Amritsar Forest Division
Amritsar

NPV

Maintenance I Year					
1	Cost of raising plants for 30% replacement	1 No.	300	21.59	6475.92
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.60	64.36	1341.68
3	Refilling of pits with earth in other soils 300	1 m3	21.6	29.65	618.08
4	Loading & Unloading of Plants	1 No.	300	2.66	796.54
5	Carriage of Plants (300+10% Wastage=330 avg. distance upto 10 km.)	100 No	1	211.76	211.76
6	Spreading of plants pit to pit	100 No	165	141.61	233.65
7	Re-planting Tall Plants	100 No	165	355.18	586.05
8	Spot Irrigation	100 No.	165	221.26	365.08
9	Weeding & Hoeing (thrice)	100 No	3000	385.88	11576.36
10	App. Of Fertilizer (two times)	100 No	1000	44.25	442.52
11	App. Of Insecticide (two times)	100 No	1000	44.25	442.52
12	Hand watering (6 times)	100 No	6000	385.88	23152.71
13	Rejungle Clearance (2 times)	Per Ha.	1.00	2566.62	2566.62
14	Restubbing of Kana	Per Ha.	0.25	28964.63	7241.16
15	Watch & Ward for every 10 Ha. (10 months)	Man year	1/10 Man yr.	9204.44	9204.44
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		80255.10
Maintenance II Year					
1	Cost of raising plants for 15% replacement	No.	150	21.59	3237.96
2	Reopening of Pits 250 x 0.60 x 0.60 x 0.40	1 m3	21.6	64.36	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	29.65	296.68
4	Loading & Unloading of Plants	1 No.	75	2.66	199.13
5	Carriage of Plants = 75 avg. distance upto 10 km.)	100 No	1	211.76	211.76
6	Spreading of plants pit to pit	100 No	75	141.61	106.21
7	Re-planting to tall plants	100 No	75	247.26	185.45
8	Spot Irrigation	100 No.	75	221.26	165.95
9	Weeding & Hoeing (twice)	100 No	2000	385.88	7717.57
10	Hand Watering 5 Times	100 No	500	221.26	11063.03
11	Rejungle Clearance (2 times)	Per Ha.	1.00	2566.62	2566.62
12	Pruning to plants	100 No.	100	418.36	418.36
14	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9204.44	9204.44
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		51017.16

Divisional Forest Officer
Amritsar Forest Division
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Maintenance III Year					
1	Cost of raising plants for 10% replacement	1 No.	100	21.59	2158.64
2	Reopening of Pits 200 x 0.50 x 0.50 x 0.40	1 m3	10	6435.99	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	29.65	197.78
4	Loading & Unloading of Plants	1 No.	100	2.66	265.51
5	Carriage of Plants 200 avg. distance upto 10 km.)	100 No	100	1.08	107.93
6	Spreading of plants pit to pit	100 No	100	141.61	141.61
7	Re-planting to plants	100 No	100	247.26	247.26
8	Spot Irrigation	100 No.	100	221.26	221.26
9	Weeding & Hoeing (Twice)	100 No	2000	385.88	7717.57
10	Hand Watering (5 times)	100 No	5000	221.26	11063.03
11	Pruning to plants 20%	100 No.	200	418.36	836.71
12	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9204.44	9204.44
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		47591.09
Maintenance IV Year					
1	Cost of raising plants for 15% replacement	1 No.	50	21.59	1079.32
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	6435.99	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	29.65	197.78
4	Loading & Unloading of Plants	1 No.	50	2.66	132.76
5	Carriage of Plants = 150 avg. distance upto 10 km.)	100 No	50	1.08	53.97
6	Spreading of plants pit to pit	100 No	50	141.61	70.80
7	Re-planting to plants	100 No	50	247.26	123.63
8	Spot Irrigation	100 No.	50	221.26	110.63
9	Weeding & Hoeing (Twice)	100 No	2000	385.88	7717.57
10	Hand Watering (4 times)	100 No	4000	221.26	8850.42
11	Pruning to plants 30%	100 No.	300	418.36	1255.07
12	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9204.44	9204.44
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		44225.73
Maintenance V Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance VI Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance VII Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44


 Divisional Forest Officer
 Amritsar Forest Division
 Amritsar

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Maintenance VIII Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance IX Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance X Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
					476922.47
					23846.12
	Over Head expenses 5%				47692.25
	Wages Enhancement 10%				548460.84
			G.Total		548461.00
			Or Say		548461.00

Net present value as fixed by Govt. for
b) open area diverted @ **Rs957780 lac** per
ha.

Total 11110
11110

Divisional Forest Officer,
Amritsar Forest Division,
Amritsar Forest Division
Amritsar

NPV

Diversion of 0.0116 ha. of forest land for approach road to Residential Colony Named
 Empire Estate at Kala Ghanpur Sub-Urban, Opp. Dera Radha Swami, Ram Tirath Road
 on Amritsar-Ramritath Road Tehsil & Distt. Amritsar.

CA Scheme

Wage Rate: 381/-

Plants Per ha. 1000 No.

Plantation Model for Standard Plantation under Compensatory Afforestation

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	21.59	23745.04
A	Soil Works				
1	Site /Jungle Clearance (50%)	Ha.	0.50	5792.95	2896.47
2	Alignment & Dagbailing	Ha.	1	1062.05	1062.05
3	Earth Work- (a) Digging of Pits 1000x 0.5m x0.5m x0.4m	1M ³	100	109.42	10942.15
4	Kana Stubbing 25%	Ha.	0.25	28964.63	7241.16
B	Plantation Work				
1	a) Refilling of Pits 1000 x 0.5m x0.5m x0.4m	100 cum	75	2964.89	2223.67
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No	1100	593.63	6529.89
3	Carriage of Plants (1000+10% Wastage=1100 avg. distance upto 10 km)	100 No	1100	212.41	2336.51
4	i) Carriage from site to site	100 No	1000	141.61	1416.07
	ii) Planting of Plants (1000 No Including 10% replacement)	100 No	1000	1062.05	10620.51
5	Spot Irrigation (1000 Plants)	100 No	1000	221.26	2212.61
6	Application of Insecticide (2 times)	100 No	1000	44.25	442.52
7	Application of Fertilizers (2 times)	100 No	1000	44.25	442.52
8	Weeding & Hoeing 3 times	100 No	3000	385.88	11576.36
9	Hand Watering (12 Times)	100 No	12000	221.26	26551.27
10	Replanting of Plants 10%	100 No	100	625.05	625.05
11	Rejungle Clearance (2 times)	Per Ha.	1	2566.62	2566.62
12	Covering (25% plants) of plants	100 No	250	318.62	796.54
13	Uncovering of plants	100 No	250	35.40	88.50
14	Restubbing of Kana (1 time)		0.25	28964.96	7241.24
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	9204.44	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		198606.75

Divisional Forest Officer
 Amritsar Forest Division
 Amritsar

Maintenance I Year					
1	Cost of raising plants for 30% replacement	1 No.	300	21.59	6475.92
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.60	64.36	1341.68
3	Refilling of pits with earth in other soils 300	1 m3	21.6	29.65	618.08
4	Loading & Unloading of Plants	1 No.	300	2.66	796.54
5	Carriage of Plants (300+10% Wastage=330 avg. distance upto 10 km.)	100 No	1	211.76	211.76
6	Spreading of plants pit to pit	100 No	165	141.61	233.65
7	Re-planting Tall Plants	100 No	165	355.18	586.05
8	Spot Irrigation	100 No.	165	221.26	365.08
9	Weeding & Hoeing (thrice)	100 No	3000	385.88	11576.36
10	App. Of Fertilizer (two times)	100 No	1000	44.25	442.52
11	App. Of Insecticide (two times)	100 No	1000	44.25	442.52
12	Hand watering (6 times)	100 No	6000	385.88	23152.71
13	Rejungle Clearance (2 times)	Per Ha.	1.00	2566.62	2566.62
14	Restubbing of Kana	Per Ha.	0.25	28964.63	7241.16
15	Watch & Ward for every 10 Ha. (10 months)	Man year	1/10 Man yr.	9204.44	9204.44
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		80255.10
Maintenance II Year					
1	Cost of raising plants for 15% replacement	No.	150	21.59	3237.96
2	Reopening of Pits 250 x 0.60 x 0.60 x 0.40	1 m3	21.6	64.36	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	29.65	296.68
4	Loading & Unloading of Plants	1 No.	75	2.66	199.13
5	Carriage of Plants = 75 avg. distance upto 10 km.)	100 No	1	211.76	211.76
6	Spreading of plants pit to pit	100 No	75	141.61	106.21
7	Re-planting to tall plants	100 No	75	247.26	185.45
8	Spot Irrigation	100 No.	75	221.26	165.95
9	Weeding & Hoeing (twice)	100 No	2000	385.88	7717.57
10	Hand Watering 5 Times	100 No	500	221.26	11063.03
11	Rejungle Clearance (2 times)	Per Ha.	1.00	2566.62	2566.62
12	Pruning to plants	100 No.	100	418.36	418.36
14	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9204.44	9204.44
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		51017.16

Divisional Forest Officer
Amritsar Forest Division
Amritsar
P.P.

NPV

Maintenance III Year					
1	Cost of raising plants for 10% replacement	1 No.	100	21.59	2158.64
2	Reopening of Pits 200 x 0.50 x 0.50 x 0.40	1 m3	10	6435.99	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	29.65	197.78
4	Loading & Unloading of Plants	1 No.	100	2.66	265.51
5	Carriage of Plants 200 avg. distance upto 10 km.)	100 No	100	1.08	107.93
6	Spreading of plants pit to pit	100 No	100	141.61	141.61
7	Re-planting to plants	100 No	100	247.26	247.26
8	Spot Irrigation	100 No.	100	221.26	221.26
9	Weeding & Hoeing (Twice)	100 No	2000	385.88	7717.57
10	Hand Watering (5 times)	100 No	5000	221.26	11063.03
11	Pruning to plants 20%	100 No.	200	418.36	836.71
12	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9204.44	9204.44
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		47591.09
Maintenance IV Year					
1	Cost of raising plants for 15% replacement	1 No.	50	21.59	1079.32
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	6435.99	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	29.65	197.78
4	Loading & Unloading of Plants	1 No.	50	2.66	132.76
5	Carriage of Plants = 150 avg. distance upto 10 km.)	100 No	50	1.08	53.97
6	Spreading of plants pit to pit	100 No	50	141.61	70.80
7	Re-planting to plants	100 No	50	247.26	123.63
8	Spot Irrigation	100 No.	50	221.26	110.63
9	Weeding & Hoeing (Twice)	100 No	2000	385.88	7717.57
10	Hand Watering (4 times)	100 No	4000	221.26	8850.42
11	Pruning to plants 30%	100 No.	300	418.36	1255.07
12	Watch & Ward for every 10 Ha.	Man year	1/10 Man yr.	9204.44	9204.44
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		44225.73
Maintenance V Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance VI Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance VII Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44

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Maintenance VIII Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance IX Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
Maintenance X Year					
1	Watch and Ward every 10 ha. (10 Months)	Man Year	1/10 Man yr.	9204.44	9204.44
			Sub Total		9204.44
					476922.47
					23846.12
	Over Head expenses 5%				47692.25
	Wages Enhancement 10%				548460.84
			G.Total		548461.00
			Or Say		

Summary of Costs

a) **Cost of Plantation:**

- (i) Cost of plantation in 1 Hect. Area (1000 Plants)
(ii) Cost of plantation for 0.1 ha. area

Rs 548461.00
Rs 54846

Total 54846

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