

Diversion of 0.008912 ha. of forest land in favour of M/s Saint Baba Fateh Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone no. 87-88 (RHS) at Village Maur Mandi Distt. & Forest Division Bathinda, Punjab. (FP/PB/approach/35063/2018).

PART - III

(To be filled by the concerned Conservator of Forests)

1. Whether site where the forest land involved is located has been inspected by concerned Conservator of forests (Yes/No) if yes, the date of inspection and observations made in form of inspection note to be enclosed. No
2. Whether the concerned Conservator of Forests agree with the information given in part-B and the recommendations of Deputy Conservator of Forests. Yes
3. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed caissons. Recommended for approval for Ten times Penal C.A.

Place: **Ferozepur**
Date : 24/3/2022

Signature

24/3/2022
Conservator of Forests
Ferozepur Circle,
Ferozepur.

24/3/2022

ਨੰ. 5832

ਮਿਤੀ 25-03-2022

ਵੱਲੋਂ

ਵਣ ਪਾਲ ਫਿਰੋਜਪੁਰ ਸਰਕਲ, ਸੇਵਾ ਵਿਖੇ
ਫਿਰੋਜਪੁਰ।ਵਧੀਕ ਪ੍ਰਧਾਨ ਮੁੱਖ ਵਣ ਪਾਲ (F.C.) ਅਤੇ
ਨੇਡਲ ਅਫਸਰ (F.C.A.),
ਪੰਜਾਬ, ਐਸ.ਏ.ਐਸ. ਨਗਰ।

Sub.

Diversion of 0.008912 ha. of forest land in favour of M/s Saint Baba Fateh Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone no. 87-88 (RHS) at Village Maur Mandi Distt. & Forest Division Bathinda, Punjab. (FP/PB/approach/35063/2018).

ਹਵਾਲਾ

ਵਣ ਮੰਡਲ ਅਫਸਰ, ਬਠਿੰਡਾ ਦਾ ਪਿੱਠ ਅੰਕਣ ਨੰ. 7184 ਮਿਤੀ 14-03-2022

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਵਣ ਮੰਡਲ ਅਫਸਰ, ਬਠਿੰਡਾ ਵੱਲੋਂ ਆਪਣੇ ਪੱਤਰ ਨੰ. 7183 ਮਿਤੀ 14-03-2022 ਨਾਲ ਵਿਸ਼ੇ ਵਿੱਚ ਦਰਜ ਕੇਸ ਪ੍ਰਵਾਨਗੀ ਲਈ ਆਪ ਜੀ ਨੂੰ ਭੇਜਿਆ ਗਿਆ ਹੈ। ਵਣ ਮੰਡਲ ਅਫਸਰ ਬਠਿੰਡਾ ਦੀ ਰਿਪੋਟ ਅਨੁਸਾਰ ਪੰਜਾਬ ਸਰਕਾਰ ਦੇ ਪੱਤਰ ਨੰ. 39/92/2008-ਵਣ-3/7928 ਰਾਹੀਂ ਯੂਜਰ ਏਜੰਸੀ ਵੱਲੋਂ 50/- ਰੁਪਏ ਪ੍ਰਤੀ ਵਰਗ ਮੀਟਰ ਦੇ ਹਿਸਾਬ ਨਾਲ ਬਣਦੀ ਰਕਮ 4450/- ਰੁਪਏ ਗਰੀਨਿੰਗ ਪੰਜਾਬ ਫੰਡ ਵਿੱਚ ਜਮਾਂ ਕਰਵਾ ਦਿੱਤੀ ਗਈ ਹੈ। ਪ੍ਰਧਾਨ ਮੁੱਖ ਵਣ ਪਾਲ ਪੰਜਾਬ ਦੀਆਂ ਹਦਾਇਤਾਂ ਅਨੁਸਾਰ ਪਾਰਟ-3 ਸਾਈਨ ਕਰਨ ਉਪਰੰਤ ਨਾਲ ਨੱਥੀ ਕਰਕੇ ਆਪ ਜੀ ਨੂੰ ਅਗਲੀ ਯੋਗ ਕਾਰਵਾਈ ਲਈ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ।
ਨੱਥੀ/ਉਪਰਵਾਗ

ਸੰਜੇ ਬਾਂਸਲ, ਆਈ.ਐਫ.ਐਸ.,
ਵਣ ਪਾਲ ਫਿਰੋਜਪੁਰ ਸਰਕਲ,
ਫਿਰੋਜਪੁਰ।

ਪਿੱਠ ਅੰਕਣ ਨੰ. 5833

ਮਿਤੀ 25-03-2022

ਕਾਪੀ ਵਣ ਮੰਡਲ ਅਫਸਰ, ਬਠਿੰਡਾ ਨੂੰ ਉਹਨਾ ਦੇ ਪਿੱਠ ਅੰਕਣ ਨੰ. 7184 ਮਿਤੀ 14-03-2022 ਦੇ ਹਵਾਲੇ ਵਿੱਚ ਭੇਜਕੇ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਕੇਸ ਦੀ ਪ੍ਰਵਾਨਗੀ ਪ੍ਰਾਪਤ ਹੋਣ ਤੱਕ ਕਿਸੇ ਕਿਸਮ ਦੀ ਐਫ.ਸੀ.ਏ. ਦੀ ਉਲੰਘਣਾ ਨਾ ਹੋਣ ਦਿੱਤੀ ਜਾਵੇ। ਜੇਕਰ ਕਿਸੇ ਕਿਸਮ ਦੀ ਕੋਈ ਉਲੰਘਣਾ ਹੁੰਦੀ ਹੈ ਤਾਂ ਤੁਰੰਤ ਰੂਲਾਂ/ਹਦਾਇਤਾਂ ਅਨੁਸਾਰ ਬਣਦੀ ਲੋੜੀਂਦੀ ਕਾਰਵਾਈ ਕੀਤੀ ਜਾਵੇ।

ਸੰਜੇ ਬਾਂਸਲ, ਆਈ.ਐਫ.ਐਸ.,
ਵਣ ਪਾਲ ਫਿਰੋਜਪੁਰ ਸਰਕਲ,
ਫਿਰੋਜਪੁਰ।

Diversion of 0.008912 hec. forest land in favour of M/s Saint Baba Fatch Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone No. 87-88 (RHS) at vill. Maur Mandi District & Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/Approach/35063/2018)

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for compensatory afforestation to be carried out in lieu of 0.008912 ha. of forest area to be diverted for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone No. 87-88 (RHS) at vill. Maur Mandi District & Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/Approach/35063/2018)

1. Details of degraded forest land/non-forest land :-

District Bathinda Village Rampura Teh Rampura

Name of Forest Division Bathinda Range Rampura

Block/Compartment/Survey No Bathinda Area to be afforested:- Phul Disty RD Jaude Pul to Railway Line B/s

2. Description of Area :

i Whether the site selected for Compensatory Afforestation is a land bank or not : YES

ii. If the CA site is other than the land bank, reasons be given : N.A.

iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary : N.A.

iv Soil type : Sandy.

v. Topography :-
a. Hilly/Undulating/Plain
b. Slope : Steep/Medium/Gentle - N.A.

vi. Whether the area is bearing any root stock of vegetation Not

3. Plantation Model :

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed.

Date 11/4/2022

Place Bathinda

**Divisional Forest Officer
Bathinda Forest Division
Bathinda**

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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	0.100	208127.57	20813
1 st Year	0.100	81923.73	8192
2 nd Year	0.100	51332.21	5133
3 rd Year	0.100	47783.20	4778
4 th Year	0.100	44284.92	4428
5 th Year	0.100	6697.60	670
6 th Year	0.100	6697.60	670
7 th year	0.100	6697.60	670
8 th year	0.100	6697.60	670
9 th year	0.100	6697.60	670
10 th year	0.100	6697.60	670
Overhead charges 5 %	0.100	23681.86	2368
Wage Enhancement @ 10%	0.100	47363.72	4736
Total		544682.81	54468

3. **Technical details :**

Technical details of Compensatory Afforestation Scheme are as follows :

- (a) General Details : **Afforestation by Artificial Regeneration**
- (b) Spacement :- **3mX3m**
- (c) Species : **Ailanthus, Cassia siamiae, Shisham, Neem, Jaman, etc.**
- (d) Plantation Method : **Pit & Trench**
- (e) Soil and Moisture Conservation Works : **Digging of Trenches**
- (f) Protection (Fencing, Watch man, People's Participation etc) : **Fencing & Watch**
- (g) Proposed Monitoring Mechanism : **Forest Department**
- (h) Any other information : ---

Date : 14/03/2022
Place : Bathinda

Divisional Forest Officer
Bathinda Forest Division
Bathinda
Divisional Forest Officer,
Bathinda Forest Division
Bathinda.

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Plantation Model For Standard Plantation under Compensatory Afforestation

Plants Per Hectare : 1000 Nos.

Wage Rate Rs. 368

Land Bank:- Phul Disty RD Jaude Pul to Railway Line B/s (Rampura Range)

Sr. No.		Unit	Qty.	Unit Cost (in Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	22.44	24682.93
A	Soil Work				
1	Site / Jungle Clearance (50%)	Ha.	0.5	6021.76	3010.88
2	Alignment & Dagbaling	Ha.	1	1104	1104.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	113.743	11374.30
4	Kana Stubbing 25%	Ha.	0.25	30108.7	7527.18
B	Plantation Work			0	
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	3082	2311.50
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	617.073	6787.80
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	220.8	2428.80
4	i) Carriage from site to site	100 No.	1000	147.2	1472.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	1104	11040.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	230	2300.00
6	Application of Insecticide (2 Times)	100 No.	1000	46	460.00
7	Application of Fertilizers (2 Times)	100 No.	1000	46	460.00
8	Weeding & Hoeing 3 Times	100 No.	3000	401.12	12033.60
9	Hand Watering (12 Times)	100 No.	12000	230	27600.00
10	Replanting of Plants 10%	100 No.	100	649.738	649.74
11	Rejungle Clearance (2 Times)	Per Ha.	1	2668	2668.00
12	Covering (25% plants) of plants	100 No.	250	331.2	828.00
13	Uncovering of plants	100 No.	250	36.8	92.00
14	Restubbing of Kana (1 Time)		0.25	30109	7527.25
15	Laying out & fixing of Barbed Wire	L/s		0	7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
17	Material			0	
	i) Insecticides / Fertilizers	L/s		0	5600.00
	ii) POL	L/s		0	5600.00
	iii) Barbed Wire	L/s		0	5600.00
	Sub Total			0	208127.57
	Maintenance 1 Year			0	
				0	
1	Cost of raising plants for 30% replacement	1 No.	300	22.439	6731.70
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	66.902	1505.30
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	30.82	693.45

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14/03/22

Divisional Forest Officer
Bathinda Forest Division
Bathinda

Diversion of 0.008912 hec. forest land in favour of M/s Saint Baba Fateh Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone No. 87-88 (RHS) at vill. Maur Mandi District & Forest Division Bathinda, Punjab (Online Proposal No.

4	Loading & Unloading of Plants	1 No.	300	2.76	828.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	220.127	220.13
6	Spreading of plants pit to pit	100 No.	165	147.2	242.88
7	Re-Planting to plants	100 No.	165	369.212	609.20
8	Spot Irrigation	100 No.	165	230	379.50
9	Weeding & Hoeing (three)	100 No.	3000	401.12	12033.60
10	Application of Insecticide (2 Times)	100 No.	1000	46	460.00
11	Application of Fertilizers (2 Times)	100 No.	1000	46	460.00
12	Hand Watering (6 Times)	100 No.	6000	401.12	24067.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2668	2668.00
14	Restubbing of Kana	Per Ha.	0.25	30108.7	7527.18
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	9568	6697.60
16	Repair of Barbed Wire	L/s		0	5600.00
17	POL & Machinery	L/s		0	5600.00
18	Material and Supply	L/s		0	5600.00
	Sub Total			0	81923.73
	2nd Year Maintenance			0	
				0	
1	Cost of raising plants for 15% replacement	1 No.	150	22.439	3365.85
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	66.902	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	30.82	296.68
4	Loading & Unloading of Plants	1 No.	75	2.76	207.00
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	220.127	220.13
6	Spreading of plants pit to pit	100 No.	75	147.2	110.40
7	Re-Planting to plants	100 No.	75	257.028	192.77
8	Spot Irrigation	100 No.	75	230	172.50
9	Weeding & Hoeing (Twice)	100 No.	2000	401.12	8022.40
10	Hand Watering (5 Times)	100 No.	5000	230	11500.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2668	2668.00
12	Pruning to Plants	100 No.	100	434.88	434.88
13	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
14	Repair of Barbed Wire	L/s		0	5600.00
15	POL & Machinery	L/s		0	5600.00
18	Material and Supply	L/s		0	5600.00
	Sub Total			0	51332.21
	3rd Year Maintenance			0	
				0	
1	Cost of raising plants for 10% replacement	1 No.	100	22.439	2243.90
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	6690.2	429.34

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14/03/22

Divisional Forest Officer
Bathinda Forest Division
Bathinda

Diversion of 0.008912 hec. forest land in favour of M/s Saint Baba Fateh Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone No. 87-88 RAS at vill. Maur Mandi District & Forest Division Bathinda, Punjab (Online Proposal No.

3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	30.82	197.78
4	Loading & Unloading of Plants	1 No.	100	2.76	276.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.12195	112.20
6	Spreading of plants pit to pit	100 No.	100	147.2	147.20
7	Re-Planting to plants	100 No.	100	257.028	257.03
8	Spot Irrigation	100 No.	100	230	230.00
9	Weeding & Hoeing (twice)	100 No.	2000	401.12	8022.40
10	Hand Watering (5 Times)	100 No.	5000	230	11500.00
11	Pruning to Plants 20%	100 No.	200	434.88	869.76
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
13	Repair of Barbed Wire	L/s		0	5600.00
14	POL & Machinery	L/s		0	5600.00
15	Material and Supply	L/s		0	5600.00
	Sub Total			0	47783.20
	4th Year Maintenance			0	
1	Cost of raising plants for 5% replacement	1 No.	50	22.439	1121.95
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	6690.2	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	30.82	197.78
4	Loading & Unloading of Plants	1 No.	50	2.76	138.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.12195	56.10
6	Spreading of plants pit to pit	100 No.	50	147.2	73.60
7	Re-Planting to plants	100 No.	50	257.028	128.51
8	Spot Irrigation	100 No.	50	230	115.00
9	Weeding & Hoeing (twice)	100 No.	2000	401.12	8022.40
10	Hand Watering (4 Times)	100 No.	4000	230	9200.00
11	Pruning to Plants 30%	100 No.	300	434.88	1304.64
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
13	Repair of Barbed Wire	L/s		0	5600.00
14	POL & Machinery	L/s		0	5600.00
15	Material and Supply	L/s		0	5600.00
	Sub Total			0	44284.92
	5th Year Maintenance			0	
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
	Sub Total			0	6697.60
	6th Year Maintenance			0	

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Divisional Forest Officer
Bathinda Forest Division
Bathinda

Division of 0.008912 hec. forest land in favour of M/s Saint Baba Fateh Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone No. 87-28 (TMS) at vill. Maur Mandi District & Forest Division Bathinda, Punjab (Online Proposal No.

1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
	Sub Total			0	6697.60
	7th Year Maintenance			0	
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
	Sub Total			0	6697.60
	8th Year Maintenance			0	
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
	Sub Total			0	6697.60
	9th Year Maintenance			0	
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
	Sub Total			0	6697.60
	10th Year Maintenance			0	
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9568	6697.60
	Sub Total				6697.60
	Total				473637.23
	Over Head expenses 5%				23681.86
	Wage Enhancement @ 10%				47363.72
	G. Total				544682.82
	Or say				544.6828

1	Cost of Compensatory Afforestation of minimum 100 Plants @ 544.68/- Rs. Per Plants	Per plant	
2	Cost of Penal Compensatory Afforestation of 0.008148*10 = 0.081 ha @ 544682.82/- Rs. Per ha.	CA	54468.00
3	Cost of Compensatory Afforestation (Tall Plants) 4*2 = 8 Tall Plants @ 760 Rs.PER Tall Plants Planted in 0.016 ha. area	PCA	44119.00
4	Sub Total (1+2+3)	ACA	6080.00
5	Entry Point Activity 10% of CA, PCA & ACA amount		104667.00
6	NPV OF 'area 0.008912*957780/-Per Ha.	EPA	10467.00
7	Cost of Penal NPV of Penalty for violation 0.008912*5*957780+12%	NPV	8536.00
	Grand Total (4+5+6+7)	Penal NPV	47800.00
			171470.00

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14/03/22

Countersigned
Tg
Conservator of Forests
Ferozepur Circle, Ferozepur

Divisional Forest Officer,
Bathinda
Bathinda Forest Division
Bathinda

Diversion of 0.008912 hec. forest land in favour of M/s Saint Baba Fateh Singh Trust VPO Maur Mandi (Bathinda) for construction of approach road to College on Bhawanigarh-Kotshamir Road SH-12A between KM Stone No. 87-8 (AUS) at vill. Maur Mandi District & Forest Division Bathinda, Punjab (Online Proposal No.

Land Bank:- Phul Disty RD Jaude Pul to Railway Line B/s (Rampura)					Rate= 368
Estimate for planting of Tall plants					
	Name of Work	Unit	Unit Cost (In Rs.)	Qty	Total Amt
	Nursery				
	Cost of Tall plants	1 No	68	550	37400.00
	Soil Works				
1	Site /Jungle Clearance (50%)	Ha.	6021.759	0.5	3010.88
2	Alignment & Dagbailing	Ha.	1104	1	1104.00
3	Earth Work- Digging of Pits 500x 0.6m x0.6m x0.5m Heavy Soil	1M ³	113.74341	90	10236.91
4	Kana Stubbing 25%	Ha.	30109.02	0.25	7527.25
	Planting				
1	Refilling of Pits	100 cum	3082	72	2219.04
2	Loading & Unloading of Plants (500+10% Wastage=550)	100 No	276	550	1518.00
3	Carriage of Plants (500+10% Wastage=550 avg. distance upto 10 km.)500 Trolly	100 No	220.8	1	220.80
4	i) Carriage from site to site	100 No	147.2	550	809.60
	ii) Planting of Plants (500 No Including 10% replacement)	100 No	1104	550	6072.00
5	Spot Irrigation (500 Plants)	100 No	230	500	1150.00
6	Application of Insecticide (2 times)	100 No	46	1000	460.00
7	Application of Fertilizers (2 times)	100 No	46	1000	460.00
8	Weeding & Hoeing 3 times	100 No	401.12	1500	6016.80
9	Hand Water 6 months x 2 times =12 times	100 No	230	6000	13800.00
10	Replanting of Plants 10%	100 No	649.73317	50	324.87
11	Rejungle Clearance (2 times)	Per Ha.	2668	1	2668.00
12	Covering (25% plants) of plants	100 No	331.2	125	414.00
13	Uncovering of plants	100 No	36.8	125	46.00
14	Restubbing of Kana (1 time)	Ha.	30109.02	0.25	7527.25
15	Laying out & fixing of Barbed Wire	L/s			4700.00
16	Watch & Ward for every 10 Ha. (7 months)	Man year	9568	1Man 7 Month	6697.60
17	Material				
	i) Insecticides/Fertilizers	L/s			5600.00
	ii) POL	L/s			5600.00
				Sub Total	125583.00
Maintenance I Year					
1	Cost of plants for 30% replacement	1 No.	68	150	10200.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	66.901951	21.6	1445.08
3	Refilling of pits with earth in other soils 150 x 0.60 x 0.60 x 0.40	1 m3	30.82	21.6	665.71
4	Loading & Unloading of Plants	1 No.	2.76	150	414.00

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5	Carriage of Plants (150+10% Wastage=330 avg. distance upto 10 km.)	500 No	220.12683	1	220.13
6	Spreading of plants pit to pit	100 No	147.2	165	242.88
7	Re-planting Tall Plants	100 No	369.21171	165	609.20
8	Spot Irrigation	100 No.	230	165	379.50
9	Weeding & Hoeing (thrice)	100 No	401.12	1500	6016.80
10	App. Of Fertilizer (two times)	100 No	46	1000	460.00
11	App. Of Insecticide (two times)	100 No	46	1000	460.00
12	Hand watering 6 months x 2 times =12 times	100 No	401.12	6000	24067.20
13	Rejungle Clearance (2 times)	Ha.	2668	1	2668.00
14	Restubbing of Kana	Ha.	30108.683	0.25	7527.17
15	Watch & Ward for every 10 Ha. (10 months)	Man year	9568	1/10 Man yr.	9568.00
16	POL	L/s			5600.00
17	Material and supply	L/s			5600.00
				Sub Total	76143.67

Maintenance II Year

1	Cost of plants for 15% replacement	No.	680	75	5100.00
2	Reopening of Pits 75 x 0.60 x 0.60 x 0.40	1 m3	66.901951	10.8	722.54
3	Refilling of pits with earth in other soils 75 x 0.60 x 0.60 x 0.40	1 m3	30.82	10.8	332.86
4	Loading & Unloading of Plants	1 No.	2.76	75	207.00
5	Carriage of Plants = 75 avg. distance upto 10 km.)	500 No	220.12683	1	220.13
6	Spreading of plants pit to pit	100 No	147.2	75	110.40
7	Re-planting to tall plants	100 No	257.01659	75	192.76
8	Spot Irrigation	100 No.	230	75	172.50
9	Weeding & Hoeing (twice)	100 No.	401.12	1500	6016.80
10	Hand Watering 10 Times	100 No	230	5000	11500.00
11	Rejungle Clearance (2 times)	Ha.	2668	1	2668.00
12	Stubbing of Kana	Ha.	30108.683	0.1	3010.87
13	Pruning to plants	100 No.	434.87951	100	434.88
14	Watch & Ward for every 10 Ha.	Man year	9568	1/10 Man yr.	9568.00
15	POL	L/s			5600.00
16	Material and supply	L/s			5600.00
				Sub Total	51456.73

Maintenance III Year

1	Cost of plants for 10% replacement	1 No.	68	50	3400.00
2	Reopening of Pits 50 x 0.60 x 0.60 x 0.40	1 m3	6690.1951	7.2	481.69
3	Refilling of pits with earth in other soils 50 x 0.60 x 0.60 x 0.40	1 m3	30.82	7.2	221.90
4	Loading & Unloading of Plants	1 No.	2.76	50	138.00
5	Carriage of Plants 50 avg. distance upto 10 km.)	500 No	220.12683	1	220.13
6	Spreading of plants pit to pit	100 No	147.2	50	73.60
7	Re-planting to plants	100 No	257.01659	50	128.51
8	Spot Irrigation	100 No.	230	50	115.00
9	Weeding & Hoeing (thrice)	100 No	401.12	1500	6016.80

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10	Hand Watering (8 times)	100 No	230	4000	9200.00
11	Rejungle Clearance (2 times)	Ha.	2668	1	2668.00
12	Stubbing of Kana	Ha.	30108.683	0.1	3010.87
13	Pruning to plants 20%	100 No.	434.87951	100	434.88
14	Watch & Ward for every 10 Ha.	Man year	9568	1/10 Man yr.	9568.00
15	POL	L/s			5600.00
16	Material and supply	L/s			5600.00
				Sub Total	46877.38
Maintenance IV Year					
1	Cost of plants for 5% replacement	1 No.	68	25	1700.00
2	Reopening of Pits 25 x 0.60 x 0.60 x 0.40	1 m3	66.901951	3.6	240.85
3	Refilling of pits with earth in other soils 25 x 0.60 x 0.60 x 0.40	1 m3	30.82	3.6	110.95
4	Loading & Unloading of Plants	1 No.	2.76	25	69.00
5	Carriage of Plants = 25 avg. distance upto 10 km.)	500 No	220.12683	1	220.13
6	Spreading of plants pit to pit	100 No	147.2	25	36.80
7	Re-planting to plants	100 No	257.01659	25	64.25
8	Spot Irrigation	100 No.	230	25	57.50
9	Weeding & Hoeing (twice)	100 No	401.12	1500	6016.80
10	Rejungle Clearance (2 times)	Ha.	2668	1	2668.00
11	Pruning to plants 30%	100 No.	434.87951	300	1304.64
12	Watch & Ward for every 10 Ha.	Man year	9568	1/10 Man yr.	9568.00
15	POL	L/s			5600.00
16	Material and supply	L/s			5600.00
				Sub Total	33256.92
				TOTAL	333317.71
	Over Head expenses 5%				16665.89
	Enhancement due to wage escalation @9%				29998.59
				G.Total	379982.19
				Or Say	379982
Note	The watch and ward in subsequent years				760.0
	Total Cost of per plant (in Rs)	760			
	Cost of Tree Guards as per site is extra (in Rs per Tree Guard)	1800			
	Cost of Additional Compensatory Afforestation (Tall Plants) of 4*2 = 8 Plants @ 760/- Rs. Per Plants planted in 0.016 ha. area (Estimate attached)				6080.00
	Grand Total				6080.00
	Note: (regarding revision)				
1	Cost of purchase of plants have been reduced from Rs 200 to Rs 60 per				
2	Use of barbed wire has been eliminated as this plantation involves gap				
3	Tree Guards will be used as per site requirements.				
4	The unit rates are as per the Departmentl Scheduled Rates				

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