

Detailed scheme/model of compensatory afforestation to be done on 5 Hac.
Area p-11 Sathwin C4 Beat Sathwin , Bijhari Block , Bijhari Range office
Hamirpur (H.P)

A. Fencing Cost

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Survey and demarcation of plantation Area	5	Ha	136.47	Ha	682.35
2.	Supply / price of barbed wire	5.5	Qtls	7200	Qtls	39600.00
3.	Supply/ price of RCC fence posts i/c carriage from preparation site to near work site (Road side P-11 Sathwin)	260	Nos	300.00	Nos	78000.00
4.	Carriage of Barbed wire from Range Store to road side near work site	5.5	Qtls	L/S	--	2000.00
5.	Carriage of fence posts from road side P-11 Sathwin to work site by manual labour	260	Nos	36.00	Nos	9360.00
6.	Carriage of B/wire from road side P-11 Sathwin to work site by Manual labour	5.5	Qtls	227.35	Qtl	1250.43
7.	Preparation / Digging of holes 20-30 cm dia and 45 cm deep	260	Nos	1444.50	% No	3755.70
8.	Fixing of RCC post i/c strutting	260	Nos	928.19	% No	2413.29
9.	Stretching and fixing of barbed wire with hooks to the RCC fence posts in four stands (260*4*4=4160 Rmt)	4160	Rmt	6.35	Rmt	26416.00
10.	Interlating of thorney bushes with barbed wire fencing	1040	Rmt	5.47	Rmt	5688.80
11.	Preparation of inspection path	2000	Rmt	14.88	Rmt	29760.00
	Total=					198926.60
	Add 32.35% increase					64352.75
	G. Total=					263279.35

B. Planting Cost

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	2500	No	L/S	--	2000.00
2.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1km	2500	Nos	363.30	%No	9082.50
3.	Digging of Pits (90 bcm cub)	2500	Nos	7070.10	%No	176752.50
4.	Filling of pits (90cm cub)	2500	Nos	602.65	%No	15066.25
5.	Planting of entire plants raised in P-bags	2500	Nos	291.00	%No	7275.00
6.	Nursery cost of plants raised in P- bags @ 500 tall plants per Hac.	2500	Nos	37.00	No	92500.00
	Total=					305676.25
	Add 32.35% increase					98886.26
	G.Total=					404562.51

GRAND TOTAL= A+B=

667841.86

1st year maintenance (30%)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	750	Nos	4242.05	%No	31815.00
2.	Filling of pits (90cm cub)	750	Nos	602.65	%No	4520.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	750	No	L/S	--	2000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1km	750	Nos	363.30	%No	2725.00
5.	Planting of entire plants raised in P-bags	750	Nos	291.00	%No	2183.00
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	750	Nos	37.00	No	27750
	Total=					73103.00
	Add 32.35% increase					23648.82
	G.Total=					96751.82

2nd year maintenance (25%Mortality)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	625	Nos	4242.05	%No	26513.00
2.	Filling of pits (90cm cub)	625	Nos	602.65	%No	3767.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	625	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1km	625	Nos	363.30	%No	2271.00
5.	Planting of entire plants raised in P-bags	625	Nos	291.00	%No	1819.00
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	625	Nos	37.00	No	23125.00
	Total=					60605.00
	Add 32.35% increase					19605.71
	G.Total=					80210.71

3rd year maintenance (20%Mortality)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	500	Nos	4242.05	%No	21210.00
2.	Filling of pits (90cm cub)	500	Nos	602.65	%No	3013.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	500	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1km	500	Nos	363.30	%No	1817.00
5.	Planting of entire plants raised in P-bags	500	Nos	291.00	%No	1455.00
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	500	Nos	37.00	No	18500.00
	Total=					49105.00
	Add 32.35% increase					15885.46
	G.Total=					64990.46


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4th year maintenance (15%Mortality)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	375	Nos	4242.05	%No	15908.00
2.	Filling of pits (90cm cub)	375	Nos	602.65	%No	2260.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	375	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1km	375	Nos	363.30	%No	1362.00
5.	Planting of entire plants raised in P-bags	375	Nos	291.00	%No	1091.00
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	375	Nos	37.00	No	13875.00
	Total=					37606.00
	Add 32.35% increase					12165.54
	G.Total=					49771.54

5th year maintenance (10%Mortality)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	250	Nos	4242.05	%No	10605.00
2.	Filling of pits (90cm cub)	250	Nos	602.65	%No	1507.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	250	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1 km uphill side	250	Nos	363.30	%No	908.25
5.	Planting of entire plants raised in P-bags	250	Nos	291.00	%No	727.50
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	250	Nos	37.00	No	9250.00
	Total=					26107.75
	Add 32.35% increase					8445.85
	G.Total=					34553.60

6th year maintenance (10%Mortality)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	250	Nos	4242.05	%No	10605.00
2.	Filling of pits (90cm cub)	250	Nos	602.65	%No	1507.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	250	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1 km uphill side	250	Nos	363.30	%No	908.25
5.	Planting of entire plants raised in P-bags	250	Nos	291.00	%No	727.50
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	250	Nos	37.00	No	9250.00
	Total=					26107.75
	Add 32.35% increase					8445.85
	G.Total=					34553.60

7th year maintenance (10%Mortality)

S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	250	Nos	4242.05	%No	10605.00
2.	Filling of pits (90cm cub)	250	Nos	602.65	%No	1507.00
3.	Carriage of plants raised in P-bags from nursery to road	250	No	L/S	--	1000.00


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	side near work site By Vehicle					
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1 km uphill side	250	Nos	363.30	%No	908.25
5.	Planting of entire plants raised in P-bags	250	Nos	291.00	%No	727.50
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	250	Nos	37.00	No	9250.00
	Total=					26107.75
	Add 32.35% increase					8445.85
	G.Total=					34553.60

8 th year maintenance (10%Mortality)						
S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	250	Nos	4242.05	%No	10605.00
2.	Filling of pits (90cm cub)	250	Nos	602.65	%No	1507.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	250	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1 km uphill side	250	Nos	363.30	%No	908.25
5.	Planting of entire plants raised in P-bags	250	Nos	291.00	%No	727.50
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	250	Nos	37.00	No	9250.00
	Total=					26107.75
	Add 32.35% increase					8445.85
	G.Total=					34553.60

9 th year maintenance (10%Mortality)						
S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	250	Nos	4242.05	%No	10605.00
2.	Filling of pits (90cm cub)	250	Nos	602.65	%No	1507.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	250	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1 km uphill side	250	Nos	363.30	%No	908.25
5.	Planting of entire plants raised in P-bags	250	Nos	291.00	%No	727.50
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00
7.	Nursery cost of plants raised in P-bags	250	Nos	37.00	No	9250.00
	Total=					26107.75
	Add 32.35% increase					8445.85
	G.Total=					34553.60

10 th year maintenance (10%Mortality)						
S.No.	Perticulars of work to be done	Qty	Unit	Rate per unit		Amount`
1.	Re-digging of Pits (90 cm cub)	250	Nos	4242.05	%No	10605.00
2.	Filling of pits (90cm cub)	250	Nos	602.65	%No	1507.00
3.	Carriage of plants raised in P-bags from nursery to road side near work site By Vehicle	250	No	L/S	--	1000.00
4.	Carriage of plants raised in P-bags from road side to work site by manual labour over lead 1 km uphill side	250	Nos	363.30	%No	908.25
5.	Planting of entire plants raised in P-bags	250	Nos	291.00	%No	727.50
6.	Repair of barbed wire fencing	1000	Rmt	2.11	Rmt	2110.00


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7.	Nursery cost of plants raised in P-bags	250	Nos	37.00	No	9250.00
	Total=					26107.75
	Add 32.35% increase					8445.85
	G.Total=					34553.60

ABSTRACT			
S.No.	Year	Area in Hac.	Funds Required per Year
1.	0 th Year activity	5.00	667841.86
2.	1 st Year activity		96751.82
3.	2 nd Year activity		80210.71
4.	3 rd Year activity		64990.46
5.	4 th Year activity		49771.54
6.	5 th Year activity		34553.60
7.	6 th Year activity		34553.60
8.	7 th Year activity		34553.60
9.	8 th Year activity		34553.60
10.	9 th Year activity		34553.60
11.	10 th Year activity		34553.60
		Total=	1166887.99
	Add departmental supervision Charges @ 17.50%		204205.39
	Add Contingencies Charges @ 5%		58344.39
	Grand Total=		1429437.77

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Divisional Forest Officer
Hamirpur Forest Division
HAMIRPUR (H.P.)

Signature
Forest Range Officer
Bijhari

Signature
Approved

