

Detailed scheme/ model of compensatory afforestation to be done on 5 Ha. Area P27 Basaral Beat Batran Block Kangoo Range Nadaun, Hamirpur (H.P.)

A: Fencing Cost.						
Sr. No.	Particulars 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.	7200.00	Qtls.	39600.00
3	Supply/ price of RCC fence posts i/c carriage from preparation site to near work site Khillan	260	Nos.	300.00	Nos.	78000.00
4	Carriage of barbed wire from Range store to road side near site of work.	5.5	Qtls.	L/S	-	2000.00
5	Carriage of fence posts from road side Khillan to work site by manual labour	260	Nos.	36.00	Nos.	9360.00
6	Carriage of barbed wire from road side to work site by manual labour	5.5	Qtls.	227.35	Qtls.	1250.43
7	Preparation/ digging of holes 20 to 30 cm. dia and 45 cm. deep.	260	Nos.	1444.50	% No.	3755.70
8	Fixing of RCC posts i/c strutting.	260		928.19	% No.	2413.29
9	Stretching and fixing of barbed wire with hooks to the RCC fence posts in four strands (1200X3X4=8340 Running metre)	14400	Rmt.	6.35	Rmt.	91440.00
10	Interlating of thorny bushes with B/ wire fence	14400	Rmt.	5.47	Rmt.	78768.00
11	Preparation of inspection path.	14400	Rmt.	14.88	Rmt.	214272
	Total:-					521541.77

B: Planting Cost.						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Cutting/ removal/ disposal of lantana by cut root stock method from planting area (75% infested with lantana)	0	Ha.	21100.00	Ha.	0.00
2	Carriage of plants raised in P-bags from nursery to road side near work site.	2500	Nos.	L/S	-	5000.00
3	Carriage of plants raised in P-bags from road side to work site by manual labour over	2500	Nos.	363.30	% No.	9082.50
4	Digging of pits (90 cm) ³	2500	Nos.	7070.10	% No.	176752.50
5	Filling of pits (90 cm) ³	2500	Nos.	602.65	% No.	15066.25
6	Planting of entire plant raised in P-bags.	2500	Nos.	291.00	% No.	7275.00
7	Nursery costs of plants raised in P-bags @ 500 tall plant per Ha.	2500	Nos.	37.00	No.	92500.00
	Total:-					305676.25
GRAND TOTAL=A+B=						827218.02

1st YEAR Maintenance (30% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (90 cm) ³	750	Nos.	4242.05	% No.	31815.00
2	Filling of pits (90 cm) ³	750	Nos.	602.65	% No.	4520.00
3	Carriage of plants raised in P-bags from Sohari nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	750	Nos.	L/S	-	2000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 500ms. up hill side.	750	Nos.	363.30	% No.	2725.00
5	Planting of entire plant raised in P-bags.	750	Nos.	291.00	% No.	2183.00
6	Repair of barbed wire fencing.	1000.00	Nos.	2.11	Rmt.	2110.00
7	Nursery costs of plants raised in P-bags.	750	Nos.	37.00	% No.	27750.00
	Total:-					73103.00

2nd YEAR Maintenance (25% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (90 cm) ³	625	Nos.	4242.05	% No.	26513.00
2	Filling of pits (90 cm) ³	625	Nos.	602.65	% No.	3767.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	625	Nos.	L/S	-	1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	625	Nos.	363.30	% No.	2271.00
5	Planting of entire plant raised in P-bags.	625	Nos.	291.00	% No.	1819.00
6	Repair of barbed wire fencing.	1000.00	Nos.	2.11	Rmt.	2110.00
7	Nursery costs of plants raised in P-bags.	625	Nos.	37.00	% No.	23125.00
Total:-						60605.00

3rd YEAR Maintenance (20% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (30 cm) ³	500	Nos.	4242.05	% No.	21210.00
2	Filling of pits (30 cm) ³	500	Nos.	602.65	% No.	3013.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	500	Nos.	L/S	-	1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	500	Nos.	363.30	% No.	1817.00
5	Planting of entire plant raised in P-bags.	500	Nos.	291.00	% No.	1455.00
6	Repair of barbed wire fencing.	1000.00	Nos.	2.11	Rmt.	2110.00
7	Nursery costs of plants raised in P-bags.	500	Nos.	37.00	% No.	18500.00
Total:-						49105.00

4th YEAR Maintenance (15% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (30 cm) ³	375	Nos.	4242.05	% No.	15908.00
2	Filling of pits (30 cm) ³	375	Nos.	602.65	% No.	2260.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	375	Nos.	L/S	-	1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	375	Nos.	363.30	% No.	1362.00
5	Planting of entire plant raised in P-bags.	375	Nos.	291.00	% No.	1091.00
6	Repair of barbed wire fencing.	1000.00	Nos.	2.11	Rmt.	2110.00
7	Nursery costs of plants raised in P-bags.	375	Nos.	37.00	% No.	13875.00
Total:-						37606.00

5th YEAR Maintenance (10% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (30 cm) ³	250	Nos.	4242.05	% No.	10605.00
2	Filling of pits (30 cm) ³	250	Nos.	602.65	% No.	1507.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	250	Nos.	L/S	-	1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	250	Nos.	363.30	% No.	908.00
5	Planting of entire plant raised in P-bags.	250	Nos.	291.00	% No.	728.00
6	Repair of barbed wire fencing.	500.00	Nos.	2.11	Rmt.	1055.00
7	Nursery costs of plants raised in P-bags.	250	Nos.	37.00	% No.	9250.00
Total:-						25053.00

6th YEAR Maintenance (10% Mortality)					
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit	Amount
1	Re-digging of failed pits (30 cm) ³	250	Nos.	4242.05	% No. 10605.00
2	Filling of pits (30 cm) ³	250	Nos.	602.65	% No. 1507.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	250	Nos.	L/S	- 1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	250	Nos.	363.30	% No. 908.00
5	Planting of entire plant raised in P-bags.	250	Nos.	291.00	% No. 728.00
6	Repair of barbed wire fencing.	500.00	Nos.	2.11	Rmt. 1055.00
7	Nursery costs of plants raised in P-bags.	250	Nos.	37.00	% No. 9250.00
Total:-					25053.00

7th YEAR Maintenance (10% Mortality)					
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit	Amount
1	Re-digging of failed pits (30 cm) ³	250	Nos.	4242.05	% No. 10605.00
2	Filling of pits (30 cm) ³	250	Nos.	602.65	% No. 1507.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	250	Nos.	L/S	- 1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	250	Nos.	363.30	% No. 908.00
5	Planting of entire plant raised in P-bags.	250	Nos.	291.00	% No. 728.00
6	Repair of barbed wire fencing.	500.00	Nos.	2.11	Rmt. 1055.00
7	Nursery costs of plants raised in P-bags.	250	Nos.	37.00	% No. 9250.00
Total:-					25053.00

8th YEAR Maintenance (10% Mortality)					
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit	Amount
1	Re-digging of failed pits (30 cm) ³	250	Nos.	4242.05	% No. 10605.00
2	Filling of pits (30 cm) ³	250	Nos.	602.65	% No. 1507.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	250	Nos.	L/S	- 1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	250	Nos.	363.30	% No. 908.00
5	Planting of entire plant raised in P-bags.	250	Nos.	291.00	% No. 728.00
6	Repair of barbed wire fencing.	500.00	Nos.	2.11	Rmt. 1055.00
7	Nursery costs of plants raised in P-bags.	250	Nos.	37.00	% No. 9250.00
Total:-					25053.00

9th YEAR Maintenance (10% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (30 cm) ³	250	Nos.	4242.05	% No.	10605.00
2	Filling of pits (30 cm) ³	250	Nos.	602.65	% No.	1507.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	250	Nos.	L/S	-	1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	250	Nos.	363.30	% No.	908.00
5	Planting of entire plant raised in P-bags.	250	Nos.	291.00	% No.	728.00
6	Repair of barbed wire fencing.	500.00	Nos.	2.11	Rmt.	1055.00
7	Nursery costs of plants raised in P-bags.	250	Nos.	37.00	% No.	9250.00
	Total:-					25053.00
10th YEAR Maintenance (10% Mortality)						
Sr. No.	Particulars of work to be done	Qty.	Unit	Rate per unit		Amount
1	Re-digging of failed pits (30 cm) ³	250	Nos.	4242.05	% No.	10605.00
2	Filling of pits (30 cm) ³	250	Nos.	602.65	% No.	1507.00
3	Carriage of plants raised in P-bags from Bathroom Bassi nursery to mroad side near work site Khillan by jeep tralla over distance of 50 Kms. i/c loading and unloading charges.	250	Nos.	L/S	-	1000.00
4	Carriage of plants raised in P-bags from road side Khillan to work site by manual labour over a distance of 1.5 Kms. up hill side.	250	Nos.	363.30	% No.	908.00
5	Planting of entire plant raised in P-bags.	250	Nos.	291.00	% No.	728.00
6	Repair of barbed wire fencing.	500.00	Nos.	2.11	Rmt.	1055.00
7	Nursery costs of plants raised in P-bags.	250	Nos.	37.00	% No.	9250.00
	Total:-					25053.00

ABSTRACT			
Detail of yearwise break up for requirement of funds:-			
Sr. No.	YEAR	Area in Ha.	Funds required per year
1	0th year activity		
2	1st year activity	5.45	827218.02
3	2nd year activity	1.35	73103.00
4	3rd year activity	1.25	60605.00
5	4th year activity	1.25	49105.00
6	5th year activity	1.25	37606.00
7	6th year activity	1.25	25053.00
8	7th year activity	1.25	25053.00
9	8th year activity	1.25	25053.00
10	9th year activity	1.25	25053.00
11	10th year Activity	1.25	25053.00
		Total:-	1197955.02
	Add departmental supervision charges @ 17.50 %		209642.00
	Add contingencies charges @ 5 %		70379.85
	Grand total:-		1477976.87

Say Rs.1477977.00

Divisional Officer
Hemirpur Forest Division
Hemirpur (H.P.)

Approved

Range Forest Officer
Nadaun (H.P.)

Conservator of Forests
Hemirpur Forest Circle
Hemirpur (H.P.)