

Diversion of 0.0092 ha of Forest land for Construction of approach road to Jiya Lal Mital D.A.V. Public School at vill. Hayat Nagar near paper mill, Kalanaur road, tehsil & district Gurdaspur. (By Principal Jiya Lal Mital D.A.V Public School, Kalanaur road, Gurdaspur). Proposal No (FP/PP 11749/2020)

File No. :-

Date of Proposal :-

Page _____

4. Schedule of Plantation Programme:-

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

Year	Area	Rate/ha.	Total Amount
0 Year Mtc.	0.124	208611.59	25867.84
1 st Year Mtc.	0.124	83004.20	10292.52
2 nd Year Mtc.	0.124	61172.20	7585.35
3 rd Year Mtc.	0.124	60143.27	7457.77
4 th Year Mtc.	0.124	48825.95	6054.42
5 th Year Mtc.	0.124	9569.30	1186.59
6 th Year Mtc.	0.124	9569.30	1186.59
7 th Year Mtc.	0.124	9569.30	1186.59
8 th Year Mtc.	0.124	9569.30	1186.59
9 th Year Mtc.	0.124	9569.30	1186.59
10 th Year Mtc.	0.124	9569.30	1186.59
Total		519173.01	64377.45
Overhead 5%		25958.65	3218.87
Enhancement due to wages escalation @20%		103834.60	12875.49
Total		648966.26	80471.82
Supervision Charges 10%			8047.18
G.Total			88519.00
Entry point activity 10% only CA			7138.63

JARNAIL SINGH
PFS
Divisional Forest Officer
Gurdaspur Forest Division
Gurdaspur

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

Diversion of 0.0092 ha of Forest land for Construction of approach road to Jiya Lal Mital D.A.V. Public School at vill. Hayat Nagar near paper mill, Kalanaur road, tehsil & district Gurdaspur. (By Principal Jiya Lal Mital D.A.V Public School, Kalanaur road, Gurdaspur). Proposal No (FP/P

File No. :- _____

Date of Proposal :- _____

Page _____

- a) General Details : **Compensatory afforestation Awankha Distributory 0.124 Ha (124 Plants) in Gurdaspur Range.**
- b) Spacing : **3 x 3 M**
- c) Species : **Shisham, Amla, Kikar, Jaman sirs, Mango etc.**
- d) Plantation Method : **Degraded**
- e) Soil and Moisture Conservation Works : **Trench & Pits**
- f) Protection (Fencing, Watch man, People's Participation etc.): **To be done by Forest Department.**
- g) Proposed Monitoring Mechanism : **It will be done by concerned Range Officer, Divisional Forest Officer and higher authority from time to time.**
- h) Any other information:- **N.A.**

(Jarnail Singh)
JARNAIL SINGH
Divisional Forest Officer, **PFS**
Gurdaspur Forest Division
Gurdaspur
Gurdaspur Forest Division
Gurdaspur

Diversion of 0.0092 ha of Forest land for Construction of approach road to Jiya Lal Mital D.A.V. Public School at vill. Hayat Nagar near paper mill, Kalanaur road, tehsil & district Gurdaspur. (By Principal Jiya Lal Mital D.A.V Public School, Kalanaur road, Gurdaspur).

File No. : _____

Date of Proposal : _____

Wage Rate = 368

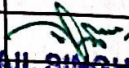
**Plantation Model For Standard Plantstion Under Compensatory Afforestation Plants
Per Hectare: 1000 Nos.**

	Name of work	Unit	Qty	Unit Cost(in rs.)	Total Amt
	Nursery				
	Cost of raising plants	No.	1100	20.00	22000.00
A	Soil Works				
1	Site/jungle clearance(25%)	Ha	0.5	6021.75902	3010.88
2	Alignment & Dagbailing	Ha	1	1104.00	1104.00
3	Earth Work-Digging of Pits Digging of pits 1000x0.5mx0.5mx0.4m	1M ³	100	113.743415	11374.34
4	Kana Stubbing 25%	Ha	0.25	30113.18	7528.30
B	Plantation Work				
1	a) Refilling of pits1000x 0.5mx 0.5mx 0.3m	1M3	75	3082.00	2311.50
2	Loading & unloading of Plants (1000+10% wastage=1100)	1No.	1100	0.46	506.00
3	Carriage of Plants (1000+10% Wastage =1100avg.distance upto 10Km.)	100 No	1100	205.00	2255.00
4	a)Carriage from site to site	100 No	1000	23.00	230.00
5	b)Planting of plants(1000 no include 10% replacement)	100 No	1000	400.00	4000.00
6	Spot Irrigation(1000 Plants)	100 No	1000	331.00	3310.00
7	Application of Insecticide(2times)	100 No	1000	46.00	460.00
8	Application of Fertilizers(2times)	100 No	1000	46.00	460.00
9	Weeding & Hoeing 3 times	100 No	3000	400.59	12017.70
10	Hand Watering(12 time)	100 No	12000	331.00	39720.00
11	Replanting of Plants 10%	No.	100	4.01	401.00
12	Rejungle Clearance(2times)	Per Ha.	1	2668.36	2668.36
13	Covering (25% Plants) of plants	1 No	250	3.32	830.00
14	Uncovering of plants	100 No	250	34.20	85.50
15	restubbing of Kana(1times)	Ha	0.25	12282.00	3070.50
16	Laying out & FIXING OF Barbed Wire	Meter	500	49.14	24570.00
17	Watch & Ward for every 10 Ha.(7months)	Man year	1Man 7months	9569.30	6698.51
18	Material				
	a) insectiside/Fertilizers	L/s			5000.00
	b)POL	L/s			5000.00
	c)Barbed Wire&fencing	L/s			50000.00
				Sub Total	208611.59
	1st Year Maintenance				

JARNAIL SINGH
JARNAIL SINGH
Divisional Forest Officer
Gurdaspur Forest Division
Gurdaspur

1	Cost of raising plants for 15% replacement	No.	150.00	20.00	3000.00
2	Reopening of pits 150x0.60x0.06x0.40	1m ³	21.60	66.91	1445.26
3	Refilling of pits with earth in other soil 150x0.60x0.60x0.40	1m ³	21.60	30.82	665.71
4	Loading & unloading of Plants	1NO.	150.00	0.46	69.00
5	Carriage of Plants 170 avg.distance upto 10Km.)	100 No	170.00	205.00	348.50
6	Spreading of plants pits to pits	100 No	150.00	23.00	34.50
7	Replanting to Plants	100 No	150.00	401.00	601.50
8	Spot Irrigation	100 No	150.00	331.00	496.50
9	Weeding & Hoeing twice	100 No	2000.00	401.00	8020.00
10	Hand Watering 5times	100 No	5000.00	331.00	16550.00
11	Rejungle Clearance(2times)	Per Ha.	1.00	2668.00	2668.00
12	pruning to plants 50%	No.	500.00	3.35	1675.00
13	Watichin & Word for every 10 Ha.	Per Ha.	1/10 Man yr.	9569.30	9569.30
14	Repairing of Barbed Wire	L/s			5000.00
15	POL &machinary	L/s			5000.00
16	Material and supply	L/s			5000.00
				Sub Total	60143.27
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	No.	50.00	20.00	1000.00
2	Reopening of pits 50x0.50x0.50x0.40	1m ³	5.00	66.91	334.55
3	Refilling of pits with earth in other soil 50x0.50x0.50x0.30	1m ³	5.00	30.82	154.10
4	Loading & unloading of Plants	1NO.	50.00	0.46	23.00
5	Carriage of Plants 25avg.distance upto 10Km.)	100 No	50.00	205.00	102.50
6	Spreading of plants pits to pits	100 No	50.00	23.00	11.50
7	Replanting to Plants	100 No	50.00	401.00	200.50
8	Spot Irrigation	100 No	50.00	331.00	165.50
9	Weeding & Hoeing twice	100 No	2000.00	401.00	8020.00
10	Hand Watering 4times	100 No	4000.00	331.00	13240.00
11	pruning to plants 30%	100no	300.00	335.00	1005.00
12	Watch & Ward for every 10 Ha.	man year	1/10 Man yr.	9569.30	9569.30
13	Repairing of Barbed Wire	L/s			5000.00
14	POL &machinary	L/s			5000.00
15	Material and supply	L/s			5000.00
				Sub Total	48825.95
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha.(10 Months)	Man year	1/10 Man yr.	9569.30	9569.30
				Sub Total	9569.30
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha.(10 Months)	Man year	1/10 Man yr.	9569.30	9569.30

1	Cost of raising plants for 30% replacement	1No.	300	20	6000.00
2	Reopening of pits 300x0.50x0.50x0.40	1m ³	30	66.91	2007.30
3	Refilling of pits with earth 300x0.50x0.50x0.40	1m ³	30	30.82	924.60
4	Loading & unloading of Plants	1NO.	300	0.46	138.00
5	Carriage of Plants (300+10% Wastage =330avg.distance upto 10Km.)	100 No	330	205.00	676.50
6	Spreading of plants pits to pits	100 No	300	23.00	69.00
7	Replanting of Tall Plants	100 No	300	400.00	1200.00
8	Spot Irrigation	100 No	300	331.00	993.00
9	Weeding & Hoeing thrice	100 No	3000	400.59	12017.70
10	App of Fertilizers(2times)	100 No	2000	46.00	920.00
11	Application of Insecticide(2times)	100 No	2000	46.00	920.00
12	Hand Watering 6 times	100 No	6000	331.00	19860.00
13	Rejungle Clearance(2times)	Per Ha.	1	2668.00	2668.00
14	restubbing of Kana	Per Ha.	0.25	30113.18	7528.30
15	Watch & Ward for every 10 Ha.(10months)	Man year	1/10Man yr.	9569.30	9569.30
16	Repairing of Barbed Wire	L/s			5000.00
17	Pruning of Plants 75%	No.	750	3.35	2512.50
17	POL & repair of machinery	L/s			5000.00
18	Material and supply	L/s			5000.00
				Sub Total	83004.20
	2nd Year Maintenance				
1	Cost of raising plants for 20% replacement	No.	200.00	20.00	4000.00
2	Reopening of pits 200x0.50x0.50x0.40	1m ³	20.00	66.91	1338.20
3	Refilling of pits with earth 200x0.50x0.50x0.40	1m ³	20.00	30.82	616.40
4	Loading & unloading of Plants	1NO.	300	0.46	138.00
5	Carriage of Plants 210 avg.distance upto 10Km.)	100 No	210.00	205.00	430.50
6	Spreading of plants pits to pits	100 No	200.00	23.00	46.00
7	Replanting to Plants	100 No	200.00	401.00	802.00
8	Spot Irrigation	100 No	200.00	331.00	662.00
9	Weeding & Hoeing twice	100 No	2000.00	400.59	8011.80
10	Hand Water 5 times	100 No	5000.00	331.00	16550.00
11	Rejungle Clearance(2times)	Per Ha.	1.00	2668.00	2668.00
12	pruning to plants 85%	100 No.	400.00	335.00	1340.00
13	Watch & Ward for every 10 Ha.	Per Ha.	1/10 Man yr.	9569.30	9569.30
14	Repairing of Barbed Wire	L/s			5000.00
15	POL & repair of machinery	L/s			5000.00
16	Material and supply	L/s			5000.00
				Sub Total	61172.20
	3rd Year Maintenance				


JARNAIL SINGH
 PFS
 Divisional Forest Officer
 Gurdaspur Forest Division
 Gurdaspur

				Sub Total	9569.30
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha.(10 Months)	Man year	1/10 Man yr.	9569.30	9569.30
				Sub Total	9569.30
	8th Year Maintenance				
1	Watch & Ward for every 10 Ha.(10 Months)	Man year	1/10 Man yr.	9569.30	9569.30
				Sub Total	9569.30
	9th Year Maintenance				
1	Watch & Ward for every 10 Ha.(10 Months)	Man year	1/10 Man yr.	9569.30	9569.30
				Sub Total	9569.30
	10th Year Maintenance				
1	Watch & Ward for every 10 Ha.(10 Months)	Man year	1/10 Man yr.	9569.30	9569.30
				Sub Total	9569.30
	Total				519173.00
	Over head expenses 5%				25958.65
	Enhancement due to wage escalation@20%				103834.60
	G.Toatal				648966.25
	or say				648966.25
a)	Cost of Plantation				
	Cost of Plantation in 1 Hect. Area (1000 Plants)+				648966.25
	Cost of plantation for 0.100 ha.				64896.63
	Supervision charges 10%				6489.66
			Total		71386.29
	Entry Point Activity 10%				7138.63
			Total		78524.92
	Penal CA				
b)	Cost of Plantation (Penal CA)				
	Cost of Plantation in 1 Hect. Area (1000 Plants)+				648966.25
	Cost of plantation for 0.012x 2 = 0.024ha.				15575.19
	Supervision charges 10%				1557.52
			Total		17132.71
c)	Net present value of 0.0092 ha as fixed by Govt. for open area diverted @ Rs.6.26 lac per ha.			Rs.	5759.20
	Penalty of violation 5 years				28796.00
	Interest 12% per year of violation				691.10
	interest for 13 year				8984.35
		Total Say			139197.18
		Or Say			139197/-


 Divisional Forest Officer,
 Gurdaspur Forest Division, PFS
 Gurdaspur
 Divisional Forest Officer
 Gurdaspur Forest Division
 Gurdaspur