

ESTIMATED COST FOR DEGRADED PLANTING IN PATHANKOT FOREST DIVISION					
Diversion of 0.0129 ha. forest land for construction of approach road to Kamal White House Marriage Palace on Pathankot to Gurdaspur road km 13-14 L/side at village Phangarian Khasra No 5R/23/2/1/2, under forest division & district Pathankot. (By. Shri Sukhbir Singh S/o Sh Beant singh village Phangarian, Tehsil and district Pathankot). Proposal No. FP/PB/APPROACH/40417/2019					
1) Diverted Forest Area = 0.0129 Ha.					Daily Wage Rate @ 411/-
2) Comp. Aff. Schme area = 0.1 ha					Plants/Ha : 1000
3) Name of Site of Plantation : UP PHANGTOLI AND DURANGH KHAD					
4) No. of plants Planted = 100 Plants					
5) Name of speices to be planted ( Khair, Amla, Bahera, Bamboo, Shisham,Mango, Juman, etc)					
Sr. No.	Nature of Work	Unit	Rate	Quantity	Amount
	Component				
	A. Nursery				
1	Cost of plant including (a) Original planting=1000 per ha. Replacement 10%= 100 per ha No. in P. bag (b) Total 1100	No	26.79	1100	29467
			0.00		29467
	B. Soil /Adv Works.		0.00		0
2	Cutting of Lantana Malha	Ha.	22418.08	0.60	13451
3	Lantana stubbing	Ha.	33626.53	0.20	6725
4	Uprooting of old stumps & Disposal	100 No.	82.19	100.00	82
5	Prepration of inspection path in Heavy Soil 50 Mtr x .20 Mtr x 1Mtr= 10 M3	M3	164.40	10.00	1644
6	Survey And Alignment	Ha	1643.71	1	1644
7	(a)Earth work i.e. digging of trenches Heavy Soil Size 750No. x 2 Mtr. x .40 Mtr x .35 Mtr = 210 m3	M3	164.40	210	34523
	(b) Earth work i.e. digging of pits 250No. X .50 Mtr x .5 Mtr x .4 Mtr = 25 M3	M3	164.40	25	4110
			0.00		62179
	C. Plantation		0.00		0
8	(a)Refilling of trenches 750 No x .0.50 Mtr x .40 Mtr x .30 Mtr = 45 m3	M3	33.19	45.00	1493
	(b)Refilling of pits 250no.x.50 x.50 x.35=21.87M3	M3	33.19	21.87	726
9	Carriage of plants by Tractor-Trolly	No	6.16	1000	6161
10	Carriage of plants by M/L lead 500mt.	No	12.41	1000	12408
11	Loading & unloading of plants	100 No	49.69	1000	497
12	Planting of plants	No	5.23	1000	5229
13	Application of Insecticides 1000 x 2 times=2000	100 No	71.79	2000	1436
14	Application of fertilizers 1000 x 2 times = 2000	100 No	71.79	2000	1436
15	Prepration of round fencing including cutting carriage material (with binding)	No	30.82	150	4623
16	Fixing of Bamboo Tree Guard around plant	No	10.72	150	1607
17	Preperation of countinus brush wood fencing around plantation	100 Mtr.	2055.00	100	2055
	Total		0.00		37672
	D. Maintenance of Planting Year		0.00		0
18	Repair i.e. cleaning and dressing of inspection path	M3	164.40	5	822
19	Watch and ward for every 10 ha. Of plantation x 26 days	No.	41.10	26	1069
20	Re-Cutting of lantana/mallaha 2nd and 3rd times. 0.50 x 2= 1	Ha	7458.99	1.00	7459
21	Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr	Mtr	2.55	6000	15302
22	Application of Insecticides 1000 x 2 times = 2000	100 No	71.79	2000	1436
23	Application of fertilizers (twice) 1000 x 2 times = 2000	100 No	71.79	2000	1436
24	Desilting of Tranches 1000 Nox1.50x.35x25 = 131.25	Mtr	74.72	131.25	9807

Divisional Forest Officer  
Pathankot





25	Carriage of plants by Tractor-Trolly	No	6.15	100	615
26	Carriage of plants by M/L lead 500mt.	Mtr	12.41	100	1241
27	Loading & unloading of plants	100 No	49.69	100	4969
28	Cutting of Tall Weeds 2 mtr wide (1000x2=2000)	100 mtr	102.73	2000	2055
29	Providing thorny protection to plants against parcopine damage	100 No	205.41	400	822
30	Re -Planting of plants	No	5.23	100	523
31	Covering (25% Plants)	No.	3.65	250	913
32	Uncovering	No.	0.39	250	96
			0.00		48564
	<b>D. Material</b>		0.00		0
33	Insecticides including carriage	litre	484.71	10	4847
34	Fertilizers i.e. urea etc. including carriage	kg	66.11	200	13223
35	cost of bamboo tree guard	No.	133.94	250	33486
36	Misc. Items ( tools, etc)	L/S	0.00		2500
37	POL		0.00		5000
					59056
	<b>Total Cost of Planting Year</b>				<b>236937</b>
	Contingency 10%				23694
	<b>Total Cost of Planting Year</b>				<b>260631</b>
	<b>1st Year Maintenance ( 30%)</b>				
1	Re-opening of trenches for replacement 225 x .50 m x .40 x .40m = 18 m <sup>3</sup>	M3	67.82	18.00	1221
2	Refilling of trenches 225 No. x 0.50m x 0.40m x 0.35m = 15.75 m <sup>3</sup>	M3	42.66	15.75	672
3	Reopening of Pits 75 x.50 x .50 x .35 = 6.56 M3	M3	26.79	6.56	176
4	Refilling of Pits 75 x.50 x .50 x .35 = 6.56 M3	M3	42.66	6.56	280
5	Nursery cost of plant	No	26.79	300	8037
6	Carriage of plants by Tractor-Trolly	No	6.16	300	1848
7	Carriage of plants by M/L labour lead 500mt.	100 Mtr	12.41	300	37
8	Loading & unloading of plants	100 No	49.69	300	149
9	Re- Planting of plants	No	5.23	300	1569
10	Weeding and hoeing to trenches (Twice)	Mtr	2.55	2000	5101
11	Application of insecticides (Twice)	100 No	71.79	2000	1436
12	Application of fertilizers (twice)	100 No	71.79	2000	1436
13	Repair of inspection path (Twice )	Mtr	164.40	200	32879
14	Cutting of lantana/mallah etc. per ha II & III times	Ha	7458.99	1.00	7459
15	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
16	Covering (25% Plants)	No.	3.65	250	913
17	Uncovering	No.	0.39	250	96
					<b>64377</b>
	<b>Cost of material</b>				
18	Insecticides including carriage	litre	484.71	10	4847
19	Fertilizers i.e. urea etc. including carriage	kg	36.35	200	7269
20	Misc. Items ( tools, etc)	L/S	0.00		2500
	POL	L/S	0.00		5000
					19616
	<b>Total</b>				<b>83994</b>
	Contingency 10%				8399
	<b>Total Cost of 1st Year Mtc</b>				<b>92393</b>
	<b>2nd Year Maintenance</b>				0
1	Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m <sup>3</sup>	M3	67.82	8.75	593
2	Refilling of trenches 200 No. x 0.50m x 0.35m x 0.25m = 8.75 m <sup>3</sup>	M3	42.66	8.75	373
3	Nursery cost of plant	No	26.79	200	5358
4	Carriage of plants in P bags i) M/L Average Lead 1.5 km	No	12.41	200	2482
5	ii) Tractor trolly average lead 15 km (1000 plants per trolly)	No	6.16	200	1232

Divisional Forest Officer  
Pathankot

21/6/23




6	Loading & unloading of plants from T/ Trolley	100 No	49.69	200	99
7	Re -Planting of plants	No	5.23	200	1046
8	Weeding and hoeing to tranches (Twice)	Mtr.	2.55	2000	5101
9	Application of insecticides (Twice)	100 No	71.79	2000	1436
10	Application of fertilizers (Twice)	100 No	71.79	2000	1436
11	Repair of inspection path (Twice )	M3	164.40	200	32879
12	Lantana cutting (subsequent time 0.50 Ha) x 2 times =1.00	Ha	7458.99	1.00	7459
	<b>Total</b>				<b>59494</b>
	<b>Cost of material</b>				
13	Insecticide	Kg	484.71	10.00	4847
14	Fertilizers i.e. urea etc.	Kg	36.35	200.00	7269
	POL	L/S	0.00		2000
	<b>Total</b>				<b>14116</b>
	<b>Total</b>				<b>73610</b>
	<b>Contingency 10%</b>				<b>7361</b>
	<b>Total Cost of 2nd Year Mtc</b>				<b>80971</b>
	<b>3rd Year Maintenance</b>				
1	Reopening of trenches for replacement 100 no .50m x .35 m x .25m = 4.37 m3	M3	67.82	4.37	296
2	Refilling of trenches 100 No. x 0.50m x 0.35m x 0.25m = 4.37 m3	M3	42.66	4.37	186
3	Nursery cost of plant	No	26.79	100	2679
4	Carriage of plants by mannual labour lead 500mt.	100 Mtr.	12.41	100	12
5	Loading & unloading of plants from T/ Trolley	100 No	49.69	100	50
6	ii) Tractor trolley average lead 15 km (1000 plants per trolley)	No	6.16	100	616
7	Re-Planting of plants	No	5.23	100	523
8	Repair of Barved Wire fence in hills	100 Mtr	131.28	1950	2560
9	Weeding and hoeing to tranches (Twice)	Mtr.	2.55	2000	5101
10	Cutting of lantana/mallaha 11nd and 111rd times.	Ha	7458.99	0.70	5221
11	Application of fertilizers	100 No	71.79	1000	718
12	Repair of inspection path (Twice )	Mtr	164.40	200	32879
13	Pruning of plants	No.	10.72	250	2679
14	Jungle Clearance i.e. Bhang, Jhau tall weed etc.	No.	6725.10	0.2	1345
	<b>Total</b>		0.00		<b>54866</b>
	<b>Cost of material</b>		0.00		
15	Fertilizers i.e. urea etc.	Kg	36.35	40.00	1454
	<b>Total</b>				<b>1454</b>
	<b>Total Cost of 3rd maintenance</b>				<b>56319</b>
	<b>Contingency 10%</b>				<b>5632</b>
	<b>SubTotal Cost of 3rd year maintenance</b>				<b>61951</b>
	<b>4th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>
	<b>5th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>
	<b>6th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>
	<b>7th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>
	<b>8th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>
	<b>9th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>

Divisional Forest Officer  
Pathankot





	<b>10th Year Maintenance</b>				
1	Watch and ward for every 10 ha. Of plantation	No	41.10	26.00	1069
	<b>Total</b>				<b>1069</b>
	<b>ABSTRACT</b>				
1	<b>Total Cost On Plantation Works</b>				<b>260631</b>
2	<b>Total Cost of 1st year Maintenance</b>				<b>92393</b>
3	<b>Total Cost of 2nd year Maintenance</b>				<b>80971</b>
4	<b>Total Cost of 3rd year Maintenance</b>				<b>61951</b>
5	<b>Total Cost of 4th year Maintenance</b>				<b>1069</b>
6	<b>Total Cost of 5th year Maintenance</b>				<b>1069</b>
7	<b>Total Cost of 6th year Maintenance</b>				<b>1069</b>
8	<b>Total Cost of 7th year Maintenance</b>				<b>1069</b>
9	<b>Total Cost of 8th year Maintenance</b>				<b>1069</b>
10	<b>Total Cost of 9th year Maintenance</b>				<b>1069</b>
11	<b>Total Cost of 10th year Maintenance</b>				<b>1069</b>
	<b>G.Total</b>				<b>503427</b>
	<b>Comp. Aff. Scheme for 1.00 Ha.</b>				<b>503427</b>
				<b>Or Say</b>	<b>503427</b>
	<b>Scheme Details</b>				
	<b>A. Comp. Aff. Scheme for 0.1 = 100 plants</b>	<b>Rs</b>	<b>503427</b>	<b>0.1</b>	<b>50343</b>
			<b>TOTAL</b>		<b>50343</b>

  
 Divisional Forest Officer  
 Pathankot

  
 21/6/23