

Government of Punjab
Department of Forests & Wildlife Preservation
(Forest Branch)

Dated 06/04/2022

To,

Principal Chief Conservator of Forest (HoFF),
Punjab.

Subject: Diversion of 0.44 ha. of forest land in favour of Punjab PWD B&R for construction of Single Span (4-laned) 135m long Steel Bridge on Bhagwara-Banga-Nawanshahar-Ropar KM 86.900 on Sirhind Canal of NH 344-A, under Forest Division & Distt. Rupnagar, Punjab (FP/PB/Road/147091/2021).

1. After careful examination of the proposal under General Approvals issued by Govt. of India vide letter No. F.No. 5-2/2017-FC dated 28.03.2019 "Stage-1" approval is hereby conveyed for diversion of 0.44 ha. of forest land for the above mentioned following conditions:-
 - i. Cost of compensatory Afforestation as per forest area's CA scheme may be realized from the User Agency.
 - ii. Net Present Value (NPV) of the forest land being diverted for non-forestry purpose may be realized from the User Agency, as per Ministry's directions issued vide letters No. 5-3/2007-FC dated 5th February, 2009 and Hon'ble Supreme Court of India's Order dated 30th October 2002, 28th March, 2008, 24th April, 2008 and 9th May 2008.
 - iii. The User Agency shall deposit payment of NPV of the forest land and all other CA levies only on MoEF& CC web portal [http://: parivesh.nic.in](http://parivesh.nic.in) or [http://: efclearance.nic.in](http://efclearance.nic.in).
 - iv. User Agency shall provide the equivalent non-forest land to the forest area to be diverted.
 - v. The User Agency shall provide certificate regarding Scheduled Tribes and Traditional Forest Dwellers Recognition of Forest Rights Act, 2006 from the concerned Deputy Commissioner to Divisional Forest Officer.
2. The following conditions shall also be complied with after according final approval:-
 - i. Legal status of the diverted forest land shall remain unchanged.
 - ii. Total 21 trees will be removed.
 - iii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
 - iv. The User Agency shall ensure, no damage is caused to the wildlife available in the area during or after execution of this project.
 - v. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.

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- vi. The User Agency shall provide firewood preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
 - vii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
 - viii. As recommended by the Geologist and Task Force, the required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
 - ix. Muck disposal should be taken up as per the scheme approved by the Forest Department.
 - x. No labor camp shall be established on the forest land.
 - xi. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government.
 - xii. The User Agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of Eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project.
 - xiii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife.
 - xiv. The User Agency shall pay the additional amount of NPV as and when increased on the orders of the Honorable Supreme Court of India.
 - xv. The User Agency and Divisional Forest Officer shall ensure compliance all provisions of all Acts, Rules, Regulations and Guidelines, time being in force, and as applicable to the project.
3. After receipt of the compliance report on fulfillment of the conditions under para-2 above, the proposal shall be considered for the final approval under Section-2 of the Forests (Conservation) Act.

UNDER SECRETARY
06/04/2022

Copy to:-

1. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
2. Conservator of Forests, Shiwalik Circle, Sector-68, SAS Nagar.
3. Divisional Forest Officer, Rupnagar.
4. M/s Executive Engineer, Central Work Division PWD B&R , Rupnagar Punjab.

ਪਿੱਠ ਅੰਕਣ ਨੰ: ...586-87...../

ਮਿਤੀ: 26-04-2022

- ਇਸ ਦੀ ਇੱਕ ਨਕਲ ਹੇਠ ਲਿਖਿਆਂ ਨੂੰ ਸੂਚਨਾਂ ਤੇ ਅਗਲੇਰੀ ਯੋਗ ਕਾਰਵਾਈ ਲਈ ਭੇਜੀ ਜਾਂਦੀ ਹੈ:-
- 1) ਕਾਰਜਕਾਰੀ ਇੰਜੀਨੀਅਰ, ਨੈਸ਼ਨਲ ਹਾਈਵੇ ਮੰਡਲ, ਲੋ:ਨਿ:ਵਿ: (ਭ ਤੇ ਮ ਸਾਖਾ), ਰੂਪਨਗਰ ਨੂੰ ਭੇਜ ਕੇ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਉਕਤ ਪੱਤਰ ਵਿੱਚ ਭਾਰਤ ਸਰਕਾਰ ਵਲੋਂ ਲੜੀ ਨੰਬਰ: 2 ਦੇ ਪੁਆਇੰਟ i to xv ਤੇ ਲਗਾਈਆਂ ਸਰਤਾਂ ਦੀ ਇਨ-ਬਿਨ ਪਾਲਣਾ ਕਰਨਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ ਅਤੇ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਮੁਕੰਮਲ ਡਿਟੇਲ ਰਿਪੋਟ ਇਸ ਦਫਤਰ ਨੂੰ ਭੇਜੀ ਜਾਵੇ।
 - (i) ਇਸ ਕੇਸ ਵਿੱਚ ਰਿਵਾਈਜ਼ਡ ਕੀਤੀ ਗਈ ਸੀ.ਏ. ਸਕੀਮ (ਕਾਪੀ ਨੱਥੀ) ਅਨੁਸਾਰ ਕੰਪਨਸੇਟਰੀ ਅਫਾਰਸਟੇਸ਼ਨ (C.A) ਦੀ ਰਕਮ 6,28,100/- ਰੁਪਏ, Other Charges (Entry Point Activities) ਦੀ ਰਕਮ 62810/- ਅਤੇ Other Charges 1 (Barbed Wire fencing) ਦੀ ਰਕਮ 635625/- ਨੈੱਟ ਪ੍ਰੋਜੈਂਟ ਵੈਲਿਯੂ (NPV) ਦੀ ਰਕਮ 5,40,580/- ਰੁਪਏ ਅਤੇ ਕੁੱਲ ਰਕਮ 1867115/- ਰੁਪਏ ਵੈਬ ਸਾਈਟ www.parivesh.nic.in ਤੇ ਆਨਲਾਈਨ ਚਲਾਨ ਜਰਨੇਟ ਕਰਕੇ ਉਕਤ ਪੱਤਰ ਵਿੱਚ ਦਰਸਾਏ ਅਨੁਸਾਰ ਪੰਜਾਬ ਕੈਂਪਾ ਅਕਾਊਂਟ ਵਿੱਚ ਜਮਾਂ ਕਰਵਾ ਕੇ ਬੈਂਕ ਰਸੀਦ ਦੀ ਕਾਪੀ (ਜਿਸ ਵਿੱਚ UTR No. ਦਰਜ ਹੋਵੇ) ਵੈੱਬ ਸਾਈਟ ਤੇ ਅੱਪਲੋਡ ਕੀਤੀ ਜਾਵੇ। ਜਮਾਂ ਕਰਵਾਈ ਗਈ ਰਕਮ ਦੇ ਬੈਂਕ ਚਲਾਨ ਦੀਆਂ ਚਾਰ ਪੜਤਾਂ ਕਾਊਂਟਰ ਸਾਈਨ ਕਰਕੇ ਇਸ ਦਫਤਰ ਨੂੰ ਭੇਜੀਆਂ ਜਾਣ, ਜਮਾਂ ਕਰਵਾਈ ਗਈ ਰਕਮ ਦੀ ਡਿਟੇਲ ਨਾਲ ਨੱਥੀ ਨਿਰਧਾਰਤ ਪ੍ਰਫਾਰਮੇ ਤੇ ਭਰ ਕੇ ਭੇਜੀ ਜਾਵੇ।
 - (ii) ਉਕਤ ਪੱਤਰ ਦੇ ਲੜੀ ਨੰਬਰ: 1 (iv) ਅਨੁਸਾਰ ਇਸ ਕੇਸ ਵਿੱਚ ਡਾਇਰੈਕਟ ਹੋਣ ਵਾਲੇ 0.44 ਹੈਕ. ਵਣ ਰਕਬੇ ਦੇ ਬਦਲੇ ਕੁਲੈਕਟਰ ਰੇਟ 3869250/- ਰੁਪਏ ਪ੍ਰਤੀ ਏਕੜ ਜਮਾਂ 30 ਪ੍ਰਤੀਸਤ ਦੇ ਹਿਸਾਬ ਨਾਲ 5466632/- ਰੁਪਏ ਮੈਨੇਜਿੰਗ ਡਾਇਰੈਕਟਰ ਪੰਜਾਬ ਰਾਜ ਵਣ ਵਿਕਾਸ ਨਿਗਮ ਲਿਮ. ਮੋਹਾਲੀ ਦੇ ਖਾਤਾ ਨੰਬਰ: 50200043910029, ਆਈ.ਐਫ.ਐਸ.ਸੀ. ਕੋਰਡ ਐਚ.ਡੀ.ਐਫ.ਸੀ. 0000450, ਐਚ.ਡੀ.ਐਫ.ਸੀ. ਬੈਂਕ ਐਸ.ਸੀ.ਓ. ਨੰਬਰ: 382, ਸੈਕਟਰ-37 ਡੀ, ਚੰਡੀਗੜ੍ਹ ਵਿੱਚ ਕੇਵਲ ਆਨ ਲਾਈਨ /ਆਰ.ਟੀ.ਜੀ.ਐਸ. ਰਾਹੀਂ ਜਮਾਂ ਕਰਵਾਏ ਜਾਣ ਅਤੇ ਜਮਾਂ ਕਰਵਾਈ ਗਈ ਰਾਸ਼ੀ ਦੀ ਰਸੀਦ ਇਸ ਮੰਡਲ ਦਫਤਰ ਵਿੱਚ ਜਮਾਂ ਕਰਵਾਈ ਜਾਵੇ।
 - (iii) ਅਸਲ ਐਫ.ਆਰ.ਏ. ਸਰਟੀਫਿਕੇਟ ਵੈਬ ਸਾਈਟ ਤੇ ਕੰਪਲਾਈਸ ਰਿਪੋਟ ਦੇ ਨਾਲ ਅੱਪਲੋਡ ਕੀਤਾ ਜਾਵੇ।
 - (iv) ਭਾਰਤ ਸਰਕਾਰ ਵਲੋਂ ਲੜੀ ਨੰਬਰ: 2 ਦੇ ਪੁਆਇੰਟ i to xv ਤੇ ਲਗਾਈਆਂ ਸਰਤਾਂ ਦੀ ਇਨ-ਬਿਨ ਪਾਲਣਾ ਕਰਨ ਸਬੰਧੀ ਲੋੜੀਂਦੀ ਐਂਡਰ ਟੇਕਿੰਗ ਇਸ ਦਫਤਰ ਨੂੰ ਦਿੱਤੀ ਜਾਵੇ।
ਉਪਰੋਕਤ ਅਨੁਸਾਰ ਮੁਕੰਮਲ ਕੰਪਲਾਈਸ ਰਿਪੋਟ ਵੈਬ ਸਾਈਟ ਤੇ ਅੱਪਲੋਡ ਕਰਨ ਉਪਰੰਤ 3 ਪੜਤਾਂ ਵਿੱਚ ਇਸ ਦਫਤਰ ਨੂੰ ਭੇਜੀ ਜਾਵੇ ਤਾਂ ਜੋ ਇਸ ਕੇਸ ਦੀ ਫਾਈਨਲ ਪ੍ਰਵਾਨਗੀ ਜਾਰੀ ਕਰਨ ਲਈ ਉਚੱ ਅਧਿਕਾਰੀਆਂ ਨੂੰ ਲਿਖਿਆ ਜਾ ਸਕੇ। ਜੇਕਰ ਮੁਕੰਮਲ ਕੰਪਲਾਈਸ ਰਿਪੋਟ ਵੈਬ ਸਾਈਟ ਤੇ ਅੱਪਲੋਡ ਨਹੀਂ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਜਾਂ ਰਿਪੋਟ ਇਸ ਦਫਤਰ ਨੂੰ ਭੇਜਣ ਵਿੱਚ ਦੇਰੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਤਾਂ ਇਸ ਕੇਸ ਵਿੱਚ ਹੋ ਰਹੀ ਦੇਰੀ ਦੀ ਜਿੰਮੇਵਾਰੀ ਆਪ ਦੇ ਦਫਤਰ ਦੀ ਹੋਵੇਗੀ।
 - 2) ਵਣ ਰੋਜ ਅਫਸਰ, ਰੂਪਨਗਰ ਨੂੰ ਭੇਜ ਕੇ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਭਾਰਤ ਸਰਕਾਰ ਵਲੋਂ ਲਗਾਈਆਂ ਸਰਤਾਂ ਦੀ ਮੌਕੇ ਤੇ ਇਨ-ਬਿਨ ਪਾਲਣਾ ਕਰਨੀ/ਕਰਵਾਉਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ। ਆਪ ਨੂੰ ਇਹ ਵੀ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਇਸ ਕੇਸ ਦੀ ਫਾਈਨਲ ਪ੍ਰਵਾਨਗੀ ਆਉਣ ਤੱਕ ਮੌਕੇ ਤੇ ਵਣ ਰਕਬੇ ਵਿੱਚ ਕਿਸੇ ਕਿਸਮ ਦੀ ਕੋਈ ਉਲੰਘਣਾ ਨਾ ਹੋਣ ਦਿੱਤੀ ਜਾਵੇ।

ਵਣ ਮੰਡਲ ਅਫਸਰ, *o/c*
 ਰੂਪਨਗਰ *[Signature]*

Compensatory Afforestation Scheme with 10 years mtc. for diversion of 0.440 Ha. of forest land in favour of Punjab PWD B&R for construction of Single Span (4-laned) 135m long Steel Bridge on Phagwara-Banga-Nawanshahar-Ropar at RD Km. 86.900 on Sirhind Canal on NH-344A including approaches in Ropar City under Rupnagar Forest Division & Distt Rupnagar (Punjab).

1) Diverted Forest Area = 0.44 Ha		4) Site of CA :		Fatehpur Forest	
2) Proposed C.A. Area = 1.10 Ha		5) Species will be planted = Shisham, Khair, Kikar, Jamun, Bahera and Other Misc.			
3) No. of plants to be planted = 1100 Plants		No. of Plants to be planted in 1 Ha: 1000			
Estimate for planting				Daily Wage Rate : 385/-	
Sr. No.	Name of Work	Unit	unit cost (in Rs.)	Qty	Total amount
Nursery					
1	Cost of Plants	1 No	20.00	1,100	22,000
Earth Work					
2	Site /Jungle Clearance (60%)	Ha.	6299.93	0.60	3,780
3	Alignment & Dagballing	Ha.	1155	1.00	1,155
4	Earth Work- Digging of Pits 1000 x 0.5m x 0.5m x 0.4m Heavy Soil	1M ³	119	100	11,900
	5	Kana Stubbing 40%	Ha.	31500	0.40
Planting					
6	Refilling of Pits 1000 x 0.5m x 0.5m x 0.3m	100 cum	3224.37	75	2,418
7	Loading of Plants (1000+10% Wastage=1100)	100 No	28.87	1,100	318
8	Carriage of P. Bags in trolley from nursery to plantation site (1100 plants= 1 trolley) (for 10 Km)	1 trolley for 10 kms	2887.50	1.00	2,888
9	Unloading of Plants (1000+10% Wastage=1100)	100 No	19.25	1,100	212
10	Carriage of Plants (1100+10% Wastage=1100 above 50 m distance)	100 No	24.06	1,100	265
11	Loading of FYM / Vermicompost	1 trolley	385	0.10	39
12	Carriage of Vermicompost (10 kms)	1 trolley	1925	0.10	193
13	Unloading of FYM / Vermicompost	1 trolley	192.5	0.10	19
14	Planting of Plants (1000 No Including 10% replacement)	100 No	490	1,100	5,390
15	Spot Irrigation (1000 Plants)	100 No	385	1,000	3,850
16	Application of Insecticide (2 times)	100 No	67.37	2,000	1,347
17	Application of Fertilizers (2 times)	100 No	67.37	2,000	1,347
18	Weeding & Hoeing 3 times	100 No	419.65	3,000	12,590
19	Replanting of Plants 10%	100 No	490	100	490
20	Rejungle Clearance (2 times)	Per Ha.	6299.94	1.20	7,560
21	Restubbing of Kana (1 time)	Ha.	31500	0.40	12,600
22	Watch & Ward for every 10 Ha. (7 months)	Man year	119664	1Man	6,980
				7 Month	
23	Material				6,000
	i) Insecticides/Fertilizers	L/s			3,000
	ii) Vermicompost	L/s			7,000
	iii) POL	L/s			4,862
24	properation of 1 / path	Mtr.	9,723.00	50	

Sr. No.	Name of Work	Unit	unit cost (in Rs.)	Qty	Total amount
25	Cutting of latana malah	Ha.	7,000.00	1	3,500
26	Cutting of tall weeds	Rmt.	9,625.00	50	4,813
27	padding of plants	No.	192.50	50	96
				Sub Total	1,39,210

Maintenance I Year

1	Cost of plants for 30% replacement	1 No.	20.00	300	6,000
2	Reopening of Pits 300 x 0.5m x 0.5m x 0.4m	1 m3	69.99	30.00	2,100
3	Refilling of Pits with earth in other soils 300 x 0.5m x 0.5m x 0.3m	1 m3	32.24	22.50	725
4	Loading & Unloading of Plants	100 No.	48.13	330	159
5	Carriage of Plants (300+10% Wastage=330 avg. distance upto 10 km.)	1000 No	2,887.50	330	953
6	Spreading of plants pit to pit	100 No	24.06	300	72
7	Re-planting of Plants	100 No	490.00	330	1,617
8	Spot Irrigation	100 No.	385.00	300	1,155
9	Weeding & Hoeing (thrice)	100 No	419.65	3,000	12,590
10	App. Of Fertilizer (two times)	100 No	67.38	2,000	1,348
11	App. Of Insecticide (two times)	100 No	67.38	2,000	1,348
12	Rejungle Clearance (2 times)	Ha.	6,299.94	1.20	7,560
13	Restubbing of Kana	Ha.	31,500.00	0.40	12,600
14	Watch & Ward for every 10 Ha	Man year	1,19,664.00	1 Man Year	11,966
15	POI	L/s			6,000
16	Material and supply	L/s			6,000
17	Preperation of 1 / path	Mtr.	9,723.00	50	4,862
18	Recutting of latana malah	Ha.	7,000.00	1	3,500
19	Cutting of tall weeds	Rmt.	9,625.00	50	4,813
20	padding of plants	No.	192.50	50	96
				Sub Total	85,462

Maintenance II Year

1	Cost of plants for 15% replacement	No.	20.00	150	3,000
2	Reopening of Pits 150 x0.5m x 0.5m x 0.4m	1 m3	69.99	15.00	1,050
3	Refilling of Pits with earth in other soils 150 x 0.5m x 0.5m x 0.3m	1 m3	32.24	11.25	363
4	Loading & Unloading of Plants	100 No.	48.13	165	79
5	Carriage of Plants (No. of plants = 150 avg. distance upto 10 km.)	1000 No	2,887.50	165	476
6	Spreading of plants pit to pit	100 No	24.06	150	36
7	Re-planting of Plants	100 No	490.00	165	809
8	Spot Irrigation	100 No.	385.00	150	578
9	Weeding & Hoeing (2 times)	100 No	419.65	2,000	8,393
10	Rejungle Clearance (2 times)	Ha.	6,299.94	1.20	7,560
11	Stubbing of Kana	Ha.	31,500.00	0.40	12,600
12	Pruning of plants	100 No.	98.00	1,000	980

Sr. No.	Name of Work	Unit	unit cost (in Rs.)	Qty	Total amount
12	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
13	POL	L/s			6,000
14	Material and supply	L/s			6,000
15	properation of I / path	Mtr.	9,723.00	50	4,862
16	Recutting of latana malah	Ha.	7,000.00	1	3,500
17	Cutting of tall weeds	Rmt.	9,625.00	50	4,813
18	padding of plants	No.	192.50	50	96
				Sub Total	56,300
Maintenance V Year					
1	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
				Sub Total	11,966
Maintenance VI Year					
1	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
				Sub Total	11,966
Maintenance VII Year					
1	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
				Sub Total	11,966
Maintenance VIII Year					
1	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
				Sub Total	11,966
Maintenance IX Year					
1	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
				Sub Total	11,966
Maintenance X Year					
1	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
				Sub Total	11,966
				TOTAL	4,96,960
	Over Head expenses 5%				24,848.01
	Enhancement due to wage escalation @10%				49,696.02
				G.Total	5,71,504
				Or Say	5,71,000
Note:- The watch and ward after 5 years will carry out the necessary operations of Pruning.					
	Total Cost per plant (in Rs)		571.00		
	Total Cost of Plantation of 1100 Plants	1 Plant	571.00	1,100	6,28,100
Entry Point Activities 10 %					
1	Livelihood trainings with equipment's (cutting and tailoring/ Net Ware, awarness camp), Fire equipments	L/s			62,810
	Total Expenditure on Protection Measures				62,810

Sr. No.	Name of Work	Unit	unit cost (in Rs.)	Qty	Total amount
13	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
14	POL	L/s			6,000
15	Material and supply	L/s			6,000
16	properation of I / path	Mtr	9,723.00	50	4,862
17	Recutting of latana malah	Ha	7,000.00	1	3,500
18	Cutting of tall weeds	Rmt.	9,625.00	50	4,813
19	padding of plants	No.	192.50	50	96
				Sub Total	73,160
Phase III Year					
1	Cost of plants for 10% replacement	No.	20.00	100	2,000
2	Reopening of Pits 100 x 0.5m x 0.5m x 0.4m	1 m3	69.99	10.00	700
3	Refilling of Pits with earth in other soils 100 x 0.5m x 0.5m x 0.3m	1 m3	32.24	7.50	242
4	Loading & Unloading of Plants	100 No.	48.13	110	53
5	Carriage of Plants (No. of plants = 100 avg. distance upto 10 km.)	1000 No	2,887.50	110	318
6	Spreading of plants pit to pit	100 No	24.06	100	24
7	Re-planting of Plants	100 No	490.00	110	539
8	Spot Irrigation	100 No.	385.00	100	385
9	Weeding & Hoeing (2 times)	100 No	419.65	2,000	8,393
10	Rejungle Clearance (2 times)	Ha.	6,299.94	1.20	7,560
11	Stubbing of Kana	Ha.	31,500.00	0.40	12,600
12	Pruning of plants	100 No.	98.00	1,000	980
13	Watch & Ward for every 10 Ha.	Man year	1,19,664.00	1 Man Year	11,966
14	POL	L/s			6,000
15	Material and supply	L/s			6,000
16	properation of I / path	Mtr.	9,723.00	50	4,862
17	Recutting of latana malah	Ha.	7,000.00	1	3,500
18	Cutting of tall weeds	Rmt.	9,625.00	50	4,813
19	padding of plants	No.	192.50	50	96
				Sub Total	71,030
Phase IV Year					
1	Cost of plants for 5% replacement	No.	20.00	50	1,000
2	Reopening of Pits 50 x 0.5m x 0.5m x 0.3m	1 m3	69.99	5.00	350
3	Refilling of Pits with earth in other soils 0.5m x 0.5m x 0.3m	1 m3	32.24	3.75	121
4	Loading & Unloading of Plants	100 No.	48.13	55	26
5	Carriage of Plants (No. of plants = 50 avg. distance upto 10 km.)	1000 No	2,887.50	55	159
6	Spreading of plants pit to pit	100 No	24.06	50	12
7	Re-planting of Plants	100 No	490.00	55	270
8	Spot Irrigation	100 No.	385.00	50	193
9	Weeding & Hoeing (2 times)	100 No	419.65	2,000	8,393
10	Rejungle Clearance (2 times)	Ha.	6,299.94	1.20	7,560
11	Pruning of plants	100 No.	98.00	1,000	980

Sr. No.	Name of Work	Unit	unit cost (in Rs.)	Qty	Total amount
Protection Measures					
Barbed Wire Fencing					
1	Cost of Barbed Wire (4 Line) 700 x 4 = 2800 Rmt	Per Rmt	175.00	2,800	4,90,000
2	Cost of Pillars (4 Nos Hock)	Nos	550.00	233	1,28,150
3	Cost of fixing charges of pillars	Nos	75.00	233	17,475
Total Expenditure on Protection Measures					6,35,625
NET PRESENT VALUE (NPV)		1 Ha	12,28,590	0.44	5,40,580.00
G.TOTAL					18,67,115.00

SUMMARY OF COST			
1	Cost of Compensatory Afforestation for 1100 Plants	=	6,28,100
2	Entry Point Activities 10 %	=	62,810
3	Protection Measures (Barbed Wire Fencing)	=	6,35,625
4	NET PRESENT VALUE (NPV)	=	5,40,580
G. TOTAL			18,67,115

Divisional Forest Officer,
Rupnagar. 