

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

Dated: 16/03/2022

To,

Principal Chief Conservator of Forests (HoFF)
Punjab, S.A.S. Nagar.

Subject: Diversion of 0.456 Ha. of Forest Land {(0.2250 Ha. at Narwana Branch Canal RD 78 – 81 RHS WTP Site Pabra), (0.0945 HA at Bahadurghar to Ghanaur Road from Shekhu pura to Siyalu RHS, Mandauli Cluster), (0.1365 HA at Banur Canal RD Nanhera to Bhuri Majra (RHS)} for the laying of drinking water Pipe line, under forest Division, Patiala, FP/PB/Pipeline/146466/2021.

Government of India has accorded general approval under the Forest Conservation Act, 1980 vide letter No. F.No.5-2/2017-FC dated 28.03.2019 under para 4.2 according in the cases of laying of Underground Telephone Lines, Optical Fiber Cable/Underground Laying of Drinking Water Supply Pipeline, CNG/PNG and slurry pipeline.

1. After careful consideration of the proposal submitted vide your letter under reference general approval of Govt. of India under Section 2 of Forest (Conservation) Act, 1980 for " Stage-I approval " diversion of 0.456 ha. of forest land for digging of trenches measuring 4050 mtrs. long water pipeline along & across the road/rail/canal declared as PF in Punjab State towards PNGRB authorization for development of CGD Network is hereby conveyed subject to the following conditions:-

- i. Cost of compensatory Afforestation as per CA scheme may be realized from the user agency.
- ii. Cost of Addl. compensatory Afforestation as per ACA scheme may be realized from the user agency.
- iii. 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.
- iv. 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> or <http://efclearance.nic.in>.

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:-

1. Legal status of the forest land will remain unchanged.
2. The forest land to be diverted as per in-principle approval will not be use for any other purpose.
3. 72 plants and 12 poles will be felled by the user agency in this case.
4. As per the order of the Hon'ble Supreme Court of India vide order dated 28-3-08 in I.A No. 826 in 566 in W.P.(C) 202 of 1995, the user agency is exempted for paying of the charges under NPV provided: (a) no felling of trees is involved and (b) the areas fall outside National Park/Wildlife Sanctuary.
5. The water pipeline will be laid along the road within the existing right of way and close to the outermost edge of the forest land. The dug out land shall be restored by the User Agency and the same shall be made good immediately after the approved operation.
6. This approval is subject to the clearance of the proposal under relevant local Acts/Rules/Court's Rulings/instructions etc. as applicable.
7. The User Agency shall seek prior permission from the DFO Patiala for carrying out any maintenance operation.
8. The User Agency shall abide by any other condition (s) that may be imposed by this Department in the interest of afforestation and protection of environment.
9. The State Forest Department may revoke/suspend this approval, if any of the above conditions is not satisfactorily fulfilled by the User Agency.
10. An undertaking is signed by the User Agency for abiding by all the aforesaid conditions.
11. If any other NOC is necessary for the work under any Act/Rules/Guidelines etc. from other Departments, the user agency should obtain the same on its own before the commencement of laying of pipeline.
12. DFO, Patiala shall ensure fulfillment of the above conditions and CF, South Circle, Patiala will supervise it.

UNDER SECRETARY
16/03/2022

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, South Circle, Patiala,
3. DFO Patiala.
4. Mr. Ramanpreet Singh, Executive Engineer, Water Supply and Sanitation Division, Rajpura, Distt. Patiala.

Ref
6848
17/3/2022
17/3/2022

ਵੱਲ,

Executive Engineer,
Water Supply and Sanitation Division,
Rajpura, Distt. Patiala.

ਨੰਬਰ: 11778 ਮਿਤੀ: 17-3-2022

ਵਿਸਾ: Diversion of 0.456 Ha. of Forest Land {(0.2250 Ha. at Narwana Branch Canal RD 78 - 81 RHS WTP Site Pabra), (0.0945 HA at Bahadurghar to Ghanaur Road from Shekhu pura to Siyalu RHS, Mandauli Cluster), (0.1365 HA at Banur Canal RD Nanhera to Bhuri Majra (RHS)} for the laying of drinking water Pipe line Various Strips in Rajpura Range, Tehsil Rajpura, Distt. Patiala under Forest Division, Patiala, Punjab.
Proposal No. : FP/PB/Pipeline/146466/2021

ਉਪਰੋਕਤ ਵਿਸੇ ਸਬੰਧੀ ਆਪ ਦੇ ਕੇਸ ਦੀ ਪੰਜਾਬ ਸਰਕਾਰ ਵੱਲੋਂ ਇੰਨ ਪ੍ਰਿਸੀਪਲ ਪ੍ਰਵਾਨਗੀ ਪ੍ਰਾਪਤ ਹੋਈ ਹੈ। ਇਸ ਸਬੰਧੀ ਆਪਨੂੰ ਲਿਖਿਆਂ ਜਾਂਦਾ ਹੈ ਕਿ ਕੇਸ ਨਾਲ ਸਬੰਧਤ ਹੇਠ ਲਿਖੀਆਂ ਫੀਸਾਂ ਜਮਾਂ ਕਰਵਾਈਆਂ ਜਾਣ ਤਾਂ ਜੋ ਆਪ ਦੇ ਕੇਸ ਦੀ ਫਾਈਨਲ ਪ੍ਰਵਾਨਗੀ ਸਬੰਧੀ ਅਗਲੀ ਕਾਰਵਾਈ ਕੀਤੀ ਜਾ ਸਕੇ:-

- 1) ਕੰਪਨਸੇਟਰੀ ਅਫਾਰਸਟੇਸ਼ਨ ਤਹਿਤ 6,60,606/- ਰੁਪਏ ਜਮਾਂ ਕਰਵਾਏ ਜਾਣ।
- 2) ਅਡੀਸਨਲ ਕੰਪਨਸੇਟਰੀ ਅਫਾਰਸਟੇਸ਼ਨ ਤਹਿਤ 1,27,512/- ਰੁਪਏ ਜਮਾਂ ਕਰਵਾਏ ਜਾਣ।
- 3) ਨੈਟ ਪਰੈਜ਼ਟ ਵੈਲਿਯੂ ਤਹਿਤ 6,18,842/- ਰੁਪਏ ਜਮਾਂ ਕਰਵਾਏ ਜਾਣ।
- 4) ਐਟਰੀ ਪੁਆਇੰਟ ਐਕਟੀਵਿਟੀ ਤਹਿਤ 66,061/- ਰੁਪਏ ਜਮਾਂ ਕਰਵਾਏ ਜਾਣ।
- 5) ਉਪਰੋਕਤ ਰਕਮ ਭਾਰਤ ਸਰਕਾਰ ਦੇ ਆਨ ਲਾਈਨ ਪੋਰਟਲ forestclearance.nic.in ਰਾਹੀਂ ਜਮਾਂ ਕਰਵਾਈ ਜਾਵੇ।
- 7) ਲੜੀ ਨੰਬਰ 5 ਸਬੰਧੀ ਐਫ.ਆਰ.ਏ. ਦਾ ਸਰਟੀਫਿਕੇਟ ਦਿੱਤਾ ਜਾਵੇ।

ਵਣ ਮੰਡਲ ਅਫਸਰ,
ਪਟਿਆਲਾ।

Full Title of the Projects:- Diversion of 0.456 Ha. of Forest Land {(0.2250 Ha. at Narwana Branch Canal RD 78 - 81 RHS WTP Site Pabra), (0.0945 HA at Bahadurghar to Ghana Road from Shekhu pura to Siyalu RHS, Mandauli Cluster), (0.1365 HA at Banur Canal RD Nanhera to Bhuri Majra (RHS)} for the laying of drinking water Pipe line Various Strips in Rajpura Range, Tehsil Rajpura, Distt. Patiala under Forest Division, Patiala, Punjab.

Proposal No. : FP/PB/Pipeline/146466/2021

				Wage Rate :	Rs. 368.05
Plantation Model For Standard Plantation under Compensatory Afforestation					
	Plants Per Hectare : 1000 Nos.				
Sr. No.	Name of Work	Unit	Qty.	Unit Cost (in Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	22.4	24689.3
A	Soil Work				
1	Site / Jungle Clearance (50%)	1 Ha.	0.5	6022.6	3011.3
2	Alignment & Dagbaling	1 Ha.	1	1104.2	1104.2
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	113.8	11375.4
5	Kana Stubbing 25%	1 Ha.	0.25	30112.8	7528.2
B	Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	3082.4	2311.8
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	617.2	6788.7
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	220.8	2429.1
4	i) Carriage from site to site	100 No.	1000	147.2	1472.2
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	1104.2	11041.5
5	Spot Irrigation (1000 Plants)	100 No.	1000	230.0	2300.3
6	Application of Insecticide (2 Times)	100 No.	2000	46.0	920.1
7	Application of Fertilizers (2 Times)	100 No.	2000	46.0	920.1
8	Weeding & Hoeing 3 Times	100 No.	3000	401.2	12035.2
9	Hand Watering (12 Times)	100 No.	12000	230.0	27603.8
10	Replanting of Plants 10%	100 No.	100	649.8	649.8
11	Rejungle Clearance (2 Times) 50%	Per Ha.	1	2668.4	2668.4
12	Covering (25% plants) of plants	100 No.	250	331.2	828.1
13	Uncovering of plants	100 No.	250	36.8	92.0
14	Restubbing of Kana (1 Time) 25%		0.25	30113.1	7528.3
15	Laying out & fixing of Barbed Wire	L/s		0.0	8833.2

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16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	9569.3	6698.5
17	Material				
	i) Insecticides / Fertilizers	L/s			5610.518
	ii) POL	L/s			5610.518
	iii) Barbed Wire	L/s			56105.183
	Sub Total				210155.8
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	22.4	6733.5
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	22.5	66.9	1505.5
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	22.5	30.8	693.7
4	Loading & Unloading of Plants	1 No.	330	2.8	910.9
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	330	220.2	726.5
6	Spreading of plants pit to pit	100 No.	300	147.2	441.7
7	Re-Planting to plants	100 No.	300	369.3	1107.8
8	Spot Irrigation	100 No.	300	230.0	690.1
9	Weeding & Hoeing (Three)	100 No.	3000	401.2	12035.2
10	Application of Insecticide (2 Times)	100 No.	2000	46.0	920.1
11	Application of Fertilizers (2 Times)	100 No.	2000	46.0	920.1
12	Hand Watering (6 Times)	100 No.	6000	401.2	24070.5
13	Rejungle Clearance (2 Times) 50%	Per Ha.	1	2668.4	2668.4
14	Restubbing of Kana	Per Ha.	0.25	30112.8	7528.2
15	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1/10 Man Yr.	9569.3	6698.5
16	Repair of Barbed Wire	L/s		0.0	5610.5
17	POL & Machinary	L/s		0.0	5610.5
18	Material and Supply	L/s		0.0	5610.5
	Sub Total			0.0	84482.2
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	22.4	3366.7
2	Reopening of Pits 150 x 0.50 x 0.50 x 0.40	1 m3	15	66.9	1003.7

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3	Refilling of pits with earth in other soils 150 x 0.50 x 0.50 x 0.30	1 m3	11.25	30.8	346.8
4	Loading & Unloading of Plants	1 No.	165	2.8	455.5
5	Carriage of Plants (150+10% Wastage = 165 avg. distance upto 10 Km.)	100 No.	165	220.2	363.3
6	Spreading of plants pit to pit	100 No.	150	147.2	220.8
7	Re-Planting to plants	100 No.	150	257.1	385.6
8	Spot Irrigation	100 No.	150	230.0	345.0
9	Weeding & Hoeing (Twice)	100 No.	2000	401.2	8023.5
10	Hand Watering (5 Times)	100 No.	5000	230.0	11501.6
11	Rejungle Clearance (2 Times) 50%	Per Ha.	1	2668.4	2668.4
12	Pruning to Plants	100 No.	100	434.9	434.9
13	Watch & Ward for every 10 Ha. (7 months)	Man Year	1/10 Man Yr.	9569.3	6698.5
14	Repair of Barbed Wire	L/s		5610.5	5610.5
15	POL & Machinery	L/s		5610.5	5610.5
18	Material and Supply	L/s		5610.5	5610.5
Sub Total					52645.8
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	22.4	2244.5
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	6691.1	669.1
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	30.8	231.2
4	Loading & Unloading of Plants	1 No.	110	2.8	303.6
5	Carriage of Plants (100+10% Wastage = 110 avg. distance upto 10 Km.)	100 No.	110	1.1	124.0
6	Spreading of plants pit to pit	100 No.	100	147.2	147.2
7	Re-Planting to plants	100 No.	100	257.1	257.1
8	Spot Irrigation	100 No.	100	230.0	230.0
9	Weeding & Hoeing (thrice)	100 No.	3000	401.2	12035.2
10	Hand Watering (8 Times)	100 No.	8000	230.0	18402.5
11	Pruning to Plants 20%	100 No.	200	434.9	869.9

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12	Watch & Ward for every 10 Ha. (7 months)	Man Year	1/10 Man Yr.	9569.3	6698.5
13	Repair of Barbed Wire	L/s		5610.5	5610.5
14	POL & Machinery	L/s		5610.5	5610.5
15	Material and Supply	L/s		5610.5	5610.5
	Sub Total				59044.4
	4th Year Maintenance			0.0	
1	Cost of raising plants for 5% replacement	1 No.	50	22.4	1122.2
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	6691.1	334.6
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	30.8	115.6
4	Loading & Unloading of Plants	1 No.	55	2.8	151.8
5	Carriage of Plants (50+10% Wastage = 55 avg. distance upto 10 Km.)	100 No.	55	1.1	62.0
6	Spreading of plants pit to pit	100 No.	50	147.2	73.6
7	Re-Planting to plants	100 No.	50	257.1	128.5
8	Spot Irrigation	100 No.	50	230.0	115.0
9	Weeding & Hoeing (thrice)	100 No.	3000	401.2	12035.2
10	Hand Watering (8 Times)	100 No.	8000	230.0	18402.5
11	Pruning to Plants 30%	100 No.	300	434.9	1304.8
12	Watch & Ward for every 10 Ha. (7 months)	Man Year	1/10 Man Yr.	9569.3	6698.5
13	Repair of Barbed Wire	L/s		5610.5	5610.5
14	POL & Machinery	L/s		5610.5	5610.5
15	Material and Supply	L/s		5610.5	5610.5
	Sub Total				57376.0
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1/10 Man Yr.	9569.3	6698.5
	Sub Total				6698.5
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1/10 Man Yr.	9569.3	6698.5
	Sub Total				6698.5
	7th Year Maintenance				

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1	Watch & Ward for every 10 Ha. (7 Motnts)	Man Year	1/10 Man Yr.	9569.3	6698.5
	Sub Total				6698.5
	8th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Motnts)	Man Year	1/10 Man Yr.	9569.3	6698.5
	Sub Total				6698.5
	9th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Motnts)	Man Year	1/10 Man Yr.	9569.3	6698.5
	Sub Total				6698.5
	10th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Motnts)	Man Year	1/10 Man Yr.	9569.3	6698.5
	Sub Total				6698.5
	Total				503895
	Over Head expenses 5%				25195
	Wage Enhancement @ 10%				50390
	G. Total				579479
	Or Say				5,79,479/-
	Cost of Compensatory Afforestation for 0.456 x 2500 plants = 1140 x 579479 Rs Per Ha./1000				6,60,606/-
	Net Present Value = 0.456 ha X 1357110/- Rs Per Ha.				6,18,842/-
	Entry point activity 10% cost of Total CA				66,061/-

Place: Patiala
Date:

VidhyaSagar R.U. ,IFS
Divisional Forest Officer,
Patiala Forest Division,
Patiala.

