

Full Title of the Project: **Diversion Of 46.375 Ha. of forest land for erection of 220 KV lines in Panchkula and Pinjore from 440 KV PGCIL S/Stn Naggal(Barwala) under wildlife santuary Khol Hi raitan in district . Panchkula..**
FP/HR/TRANS/25375/2017

File No.	FP/HR/TRANS/25375/2017			
Date of Proposal				

CHECK LIST SERIAL NUMBER:- 18

Name of the Forest/Reach to be diverted	220 KV lines in Panchkula and Pinjore from 440 KV PGCIL S/Stn Naggal(Barwala) under wildlife sanctuary Khol Hi	Panchkula	Panchkula Distt.		
Forest Area (in Ha)	46.375				
Details of degraded forest land/non forest land where CA is to be carried out :	Morni-Pinjore		Chowki Beat, Berwala Beat, Nada Beat of Panchkula Range.	Village.	Chowki Beat, Berwala Beat, Nada Beat of Panchkula Range.

GPS Reading of proposed CA site	<p>Nandla PF, Berwala Beat, Panchkula Range. 30° 41' 56.849"" N, 76° 55' 49.739"" E, 30° 41' 54.729"" N, 76° 55' 49.473"" E, 30° 41' 53.043"" N, 76° 55' 49.738"" E, 30° 41' 50.827"" N, 76° 55' 50.461"" E, 30° 41' 48.178"" N, 76° 55' 49.690"" E, 30° 41' 47.046"" N, 76° 55' 48.895"" E, 30° 41' 45.432"" N, 76° 55' 48.823"" E, 30° 41' 45.191"" N, 76° 55' 49.304"" E, 30° 41' 44.348"" N, 76° 55' 49.666"" E, 30° 41' 43.602"" N, 76° 55' 49.425"" E, 30° 41' 42.422"" N, 76° 55' 47.883"" E, 30° 41' 42.084"" N, 76° 55' 46.679"" E, 30° 41' 56.584"" N, 76° 55' 40.537"" E, 30° 41' 56.035"" N, 76° 55' 29.575"" E R-70, C-1, Nada Beat, Panchkula Range. 30° 42' 10.419"" N, 76° 55' 19.396"" E, 30° 42' 2.958"" N, 76° 55' 27.250"" E, 30° 42' 5.576"" N, 76° 55' 13.200"" E, 30° 42' 4.572"" N, 76° 55' 13.244"" E, 30° 42' 4.136"" N, 76° 55' 12.546"" E, 30° 42' 4.092"" N, 76° 55' 11.280"" E, 30° 42' 4.441"" N, 76° 55' 9.841"" E, 30° 42' 2.260"" N, 76° 55' 6.830"" E, 30° 42' 1.082"" N, 76° 55' 6.175"" E, 30° 42' 1.562"" N, 76° 55' 3.147"" E, 30° 41' 52.835"" N, 76° 55' 13.069"" E, 30° 41' 42.755"" N, 76° 54' 58.976"" E, 30° 41' 55.627"" N, 76° 54' 52.038"" E, 30° 41' 54.144"" N, 76° 54' 52.736"" E, 30° 41' 52.878"" N, 76° 54' 52.169"" E, 30° 41' 50.697"" N, 76° 54' 52.562"" E, 30° 41' 49.039"" N, 76° 54' 53.478"" E, 30° 41' 48.079"" N, 76° 54' 53.260"" E R-70, C-3, Chowki Beat, Panchkula Range. 30 43 8.25N 76 53 59.63E, 30 43 02.24E 76 53 57.23N, 30 43 15.04N 76 54 055.19E, 30 43 11.77N 76 54 16.48E</p>				
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	Description of Area :			
2	Whether the site selected for Compensatory Afforestation is a land bank or not			
i	If the C.A site is other than the land bank, reasons be given			
ii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary			
iii	Soil Type			
iv	Topography :		a. Hilly/Undulating/Plain.	Undulating
v			b. Slope:-	Gentle
vi	Whether the area is bearing any root stock of vegetation			
	Plantation of Model:-			
3	Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under :-			
	Detail of year wise breakup of requirement of funds is as under :-			
4				

The plantation cost is calculated for tall plants norms at 4mtr x 4 mtr spacing and it is approved by the Chief Executive Officer

,CAMPA Haryana's letter no. No/CAMPA /2019-20/319 dated 20-06-2019 at the wage rate of Rs. 339.51/- per day as under :-

Year		Cost norm per plants		
Sr.No.	1st Year Cost of Afforestation		373.64	
i	2nd Year Maintenance		120.02	
ii	3rd Year Maintenance		43.58	
iii	4th Year Maintenance		16.21	
iv	5th Year Maintenance		16.21	
v	6th Year Maintenance		16.21	
vi	7th Year Maintenance		16.21	
vii	8th Year Maintenance		16.21	
viii	9th Year Maintenance		16.21	
IX	10th Year Maintenance		16.21	
Total			650.71	
Area to be Diverted				
				46.3750
Area to be planted	(one/two/ten times the diverted area)			92.750 Ha (Two Times)
Nos of trees to be felled				9913 No.
Nos of Plants to be planted @ 1000/- plants per Ha				92750 Nos.
Nos of Plants to be damaged				2840
Two times of Plant to be damaged				5680
Schedule of Plantation Programme :-				
5	Detail of year wise break-up of requirements of funds is as under :-			
Sr. No.	Description		Rate	Amount
A	Compensatory Afforestation Charges		Nos of Plants	Rate Per plant
i	1st Year Cost of Afforestation		92750	373.64
ii	2nd Year Maintenance		92750	120.02
iii	3rd Year Maintenance		92750	43.58
iv	4th Year Maintenance		92750	16.21
v	5th Year Maintenance		92750	16.21
vi	6th Year Maintenance		92750	16.21
vii	7th Year Maintenance		92750	16.21
viii	8th Year Maintenance		92750	16.21
ix	9th Year Maintenance		92750	16.21
x	10th Year Maintenance		92750	16.21
xi	Barbed wire fencing charge (RKM)		371.00	Rs. 160000/- per KM.
Total Charges				119713353
Supervisory / Over Head / Miscellaneous Charges (10%)			10% of CA	11971335
ToTal (A)		CA Charges		131684688
B	Addl. Compensatory Afforestation Charges		Nos of Plants	Rate Per plant
i	1st Year Cost of Afforestation		5680	373.64
ii	2nd Year Maintenance		5680	120.02
iii	3rd Year Maintenance		5680	43.58
iv	4th Year Maintenance		5680	16.21
v	5th Year Maintenance		5680	16.21
vi	6th Year Maintenance		5680	16.21
vii	7th Year Maintenance		5680	16.21
viii	8th Year Maintenance		5680	16.21
ix	9th Year Maintenance		5680	16.21
x	10th Year Maintenance		5680	16.21
xi	Barbed wire fencing charge (RKM)		22.72	Rs. 160000/- per KM.
ToTal (B) Addl. C.A.Charges				5438656.8

C	Penal C.A.			0
D	Catchment Area Treatment/Soil and Moisture Conservation Charges		30% of the total CA	39505406
E	Safety Zone	if required		0
F	Add.charges	if required		0
G	Net Present Value of forest land	to be diverted	46.375	887000
H	Felling Charges	9913 trees	1547.17	1856604
			Rs.1200/-per CUM	
	Grand Total			219619980
Or Say	Technical Details :-			
6	Technical Details of Compensatory Afforestation Scheme are as follows :-			
	General Details			Plantation will be
a	Spacement.			4 x 4 mtr.
b	Species.			Khair, Papdi, Jamun, Baheda,
c	Plantation Method.			Tall Plantation
d	Soil and Moisture Conservation Works.			Cement Structure, Crate wire structure
e	Protection (Fencing, watchman, Peoples Participation etc).			Fencing.
f	Proposed Monitoring Mechanisim.			M&E
g	Any Other Information			No any.

**Divisional Forest Officer(T),
Morni-Pinjore**