

Full Title of the Project : Diversion of 0.08 ha. of forest land for installation of 11KV overhead HT electricity cable line of Jindal Realty Ltd. from Jindal Global City to Express City Sector-35 along Sonapat-Narela road, under Division and Distt. Sonapat.

File No. : FP/HR/TRANS/45123/2020

Date of Proposal : 17-03-2020

CHECK LIST SERIAL NUMBER: 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Project/Reach to be diverted :

Diversion of 0.08 ha. of forest land for installation of 11KV overhead HT electricity cable line of Jindal Realty Ltd. from Jindal Global City to Express City Sector-35 along Sonapat-Narela road, under Division and Distt. Sonapat, Haryana.

Forest Area = 1.44 ha.

Details of degraded forest land/non forest land where C.A. is to be carried out.

Division and District Sonapat.

Tehsil Rai & Range Rai

CA site Name : Drain No. 6

Starting Longitude : 77° 03' 00.25"E Latitude : 28° 56' 27.61"N

Ending Longitude : 77° 03' 44.68"E Latitude : 28° 55' 11.74"N

Area to be afforesed :-

a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or No) :
No

b) If the CA site is other than the land bank, reasons be given :- **There is not land bank in District Sonapat.**

In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-

a) Soil type : Clay Loan

ii) Topography :-

(a) Hilly/Undulating/Plain : **Plain**

(b) Slope: Steep/Medium/Gentle : **Gentle**

iii) Whether the area is bearing any root stock of vegetation: No

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component - wise physical and financial break up to as under :-

1. Schedule of Plantation Programme:-

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

The plantation cost is calculated for tall plants norms at 4m x 2½m spacing at the wage rate of 326.82/- per daily as under:-

Year	Rate per plants
1st year cost of afforestation	Rs. 359.10/- per plant
2 nd year maintenance	Rs. 115.35/- per plant
3 rd year maintenance	Rs. 41.89/- per plant
4 th year maintenance	Rs. 15.58/- per plant
5 th year maintenance	Rs. 15.58/- per plant
6 th year maintenance	Rs. 15.58/- per plant
7 th year maintenance	Rs. 15.58/- per plant
8 th year maintenance	Rs. 15.58/- per plant
9 th year maintenance	Rs. 15.58/- per plant
10 th year maintenance	Rs. 15.58/- per plant
Total	Rs. 625.40/-

Area to be Diverted = 0.08 Ha.

No. of trees to be felled = 144

Plants to be damaged = 0

Plants planted under normal CA : 1440

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = 0

S.No.	DESCRIPTION		Rate	Total Amount (Rs.)
(A)	Compensatory Afforestation charges	No. of plants		
	(1) 1 st year cost of afforestation	1440	Rs. 359.10/- per plant	517104
	(2) 2 nd year maintenance	1440	Rs. 115.35/- per plant	166104
	(3) 3rd year maintenance	1440	Rs. 41.89/- per plant	60321
	(4) 4th year maintenance	1440	Rs. 15.58/- per plant	22435
	(5) 5th year maintenance	1440	Rs. 15.58/- per plant	22435
	(6) 6th year maintenance	1440	Rs. 15.58/- per plant	22435
	(7) 7th year maintenance	1440	Rs. 15.58/- per plant	22435
	(8) 8th year maintenance	1440	Rs. 15.58/- per plant	22435
	(9) 9th year maintenance	1440	Rs. 15.58/- per plant	22435
	(10) 10th year maintenance	1440	Rs. 15.58/- per plant	22435
	(11) Barbed wire fencing charge = 5.76 RKM		@76700	441792
	Total Charge			1342366
	Supervisory/Overhead/Miscellaneous Charges		10% on the total C.A. charge	134237
	Sub Total (A) CA Charges			1476603
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	0	Rs. 359.10/- per plant	0
	(2) 2 nd year maintenance	0	Rs. 115.35/- per plant	0
	(3) 3rd year maintenance	0	Rs. 41.89/- per plant	0
	(4) 4th year maintenance	0	Rs. 15.58/- per plant	0
	(5) 5th year maintenance	0	Rs. 15.58/- per plant	0
	(6) 6th year maintenance	0	Rs. 15.58/- per plant	0
	(7) 7th year maintenance	0	Rs. 15.58/- per plant	0
	(8) 8th year maintenance	0	Rs. 15.58/- per plant	0
	(9) 9th year maintenance	0	Rs. 15.58/- per plant	0
	(10) 10th year maintenance	0	Rs. 15.58/- per plant	0
	(11) Barbed wire fencing charge = 0.0 RKM		@76700	0
	Total charges			0
	Supervisory/Overhead/Miscellaneous Charges		10% on the total C.A. charge	0

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Sub Total (B) Additional CA Charges			0
(C)	Penal CA changes.		
	(1) 1 st year cost of afforestation	0 Rs. 359.10/- per plant	0
	(2) 2 nd year maintenance	0 Rs. 115.35/- per plant	0
	(3) 3rd year maintenance	0 Rs. 41.89/- per plant	0
	(4) 4th year maintenance	0 Rs. 15.58/- per plant	0
	(5) 5th year maintenance	0 Rs. 15.58/- per plant	0
	(6) 6th year maintenance	0 Rs. 15.58/- per plant	0
	(7) 7th year maintenance	0 Rs. 15.58/- per plant	0
	(8) 8th year maintenance	0 Rs. 15.58/- per plant	0
	(9) 9th year maintenance	0 Rs. 15.58/- per plant	0
	(10) 10th year maintenance	0 Rs. 15.58/- per plant	0
	(11) Barbed wire fencing charge = 0.0 RKM	@76700	0
	Total Charges		0
	Supervisory/ Overhead/Miscellaneous Charges	10% on the total C.A. charge	0
	Sub Total (C) CA Charges		0
(D)	Catchment Area Treatment		
	Soil and Moisture Conservation	30% of the total CA	442981
	Sub total (D)		442981
(E)	Safety Zone		0.00
(F)	Additional Charges		0.00
	Sub total (F)		0.00
(G)	Net present value of forest land to be diverted	Rs. 887000/- per ha.	70960
(H)	Felling charges = 144 tree 150.05 m3	Rs. 1200/- per m3	180060
(I)	Plantation damage charges = 0 plant	Rs. 236 per plants	0.00
GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA			2170604

2. Technical details:-

- Technical details of Compensatory Afforestation Scheme are as follows:-
- General Details : Plantation will be done with 3 strand barbed wire
- Spacing : 4x2½ meter
- Species : Shisham, Neem, Jamun/Jamoya etc.
- Plantation Method : Tall Plantation
- Soil and Moisture Conservation Works : Yes
- Protection (Fencing, Watch man, People's Participation etc.): Fencing
- Proposed Monitoring Mechanism : M&E
- Any other information:- Nil

Divisional Forest Officer
Sonepat District Division
Sonepat