

Full Title of the Project : **Diversion of 0.0011 ha. of forest land in favour of SDO, Const. S/Divn. UHBVN, Sonapat for new 33KV line one lattice towers to evacuate the power of 8 MW Bio mass power plant, Sonapat, from 132 kv Sub-Station Tajpur at 33 kv voltage level under Division and Distt. Sonapat.**

File No. : **FP/HR/TRANS/122760/2021**

Date of Proposal : **14-02-2021**

CHECK LIST SERIAL NUMBER: 18  
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the project/Reach to be diverted :

**Diversion of 0.0011 ha. of forest land in favour of SDO, Const. S/Divn. UHBVN, Sonapat for new 33KV line one lattice towers to evacuate the power of 8 MW Bio mass power plant, Sonapat, from 132 kv Sub-Station Tajpur at 33 kv voltage level under Division and Distt. Sonapat. Forest Area = 0.2 ha.**

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

Division and District Sonapat

Tehsil Gannaur, Range Sonapat

CA site Name: **1-L Rajpura minor**

Longitude : 77°03'10.53"E Latitude : 29°06'58.15"N

Longitude : 77°03'14.59"E Latitude : 29°06'49.16"N

**Area to be afforested: \_**

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 no 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:-

i) Soil type : **Clay Loam**

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. 395/- per plant
2 <sup>nd</sup> year maintenance	Rs. 138/- per plant
3 <sup>rd</sup> year maintenance	Rs. 55/- per plant
4 <sup>th</sup> year maintenance	Rs. 22/- per plant
5 <sup>th</sup> year maintenance	Rs. 24/- per plant
6 <sup>th</sup> year maintenance	Rs. 26/- per plant
7 <sup>th</sup> year maintenance	Rs. 27/- per plant
8 <sup>th</sup> year maintenance	Rs. 28/- per plant
9 <sup>th</sup> year maintenance	Rs. 30/- per plant
10 <sup>th</sup> year maintenance	Rs. 32/- per plant
<b>Total</b>	<b>Rs. 777/-</b>

Area to be Diverted = 0.0011 Ha.

No. of trees to be felled = 0

Plants to be damaged = 0

Plants to be planted = (Two time of diverted Ha.) = 200

Plants to be planted = (Ten time of the tree to be felled) = 200

Area to be planted = (@1000 plants per ha.) = 0.2

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = 308

S.No.	DESCRIPTION		Rate	Total Amount (Rs.)	
(A)	Compensatory Afforestation charges		No. of plants		
	(1)	1 <sup>st</sup> year cost of afforestation	200	Rs. 395/- per plant	79000
	(2)	2 <sup>nd</sup> year maintenance	200	Rs. 138/- per plant	27600
	(3)	3rd year maintenance	200	Rs. 55/- per plant	11000
	(4)	4th year maintenance	200	Rs. 22/- per plant	4400
	(5)	5th year maintenance	200	Rs. 24/- per plant	4800
	(6)	6th year maintenance	200	Rs. 26/- per plant	5200
	(7)	7th year maintenance	200	Rs. 27/- per plant	5400
	(8)	8th year maintenance	200	Rs. 28/- per plant	5600
	(9)	9th year maintenance	200	Rs. 30/- per plant	6000
	(10)	10th year maintenance	200	Rs. 32/- per plant	6400
	(11)	Barbed wire fencing charge 0.8 RKM		@200000	160000
<b>Total Charge</b>				<b>315400</b>	
<b>Supervisory/overhead/miscellaneous charge</b>			10% on the total CA charge	<b>31540</b>	
<b>Total (A) CA Charges</b>				<b>346940</b>	
B	Additional Compensatory Afforestation charges				
	(1)	1 <sup>st</sup> year cost of afforestation	0	Rs. 395/- per plant	0
	(2)	2 <sup>nd</sup> year maintenance	0	Rs. 138/- per plant	0
	(3)	3rd year maintenance	0	Rs. 55/- per plant	0
	(4)	4th year maintenance	0	Rs. 22/- per plant	0
	(5)	5th year maintenance	0	Rs. 24/- per plant	0
	(6)	6th year maintenance	0	Rs. 26/- per plant	0
	(7)	7th year maintenance	0	Rs. 27/- per plant	0

	(8) 8th year maintenance	0	Rs. 28/- per plant	0
	(9) 9th year maintenance	0	Rs. 30/- per plant	0
	(10) 10th year maintenance	0	Rs. 32/- per plant	0
	(11) Barbed wire fencing charge 1.232 RKM		@200000	0
	<b>Sub Total (B) Total additional CA Charge</b>			0
<b>C</b>	<b>Penal CA</b>			
<b>D</b>	<b>Catchment area Treatment</b>			
	Soil an Moisture Conservation		30% of the toal CA	104082
	<b>Sub Total (D)</b>			<b>104082</b>
<b>E</b>	<b>Safety Zone</b>			0
<b>F</b>	Any other Charges			0
	<b>Sub Total (F)</b>			<b>0</b>
<b>G</b>	Net Present Value of forest land to be diverted		Rs. 887000 per ha.	976
<b>H</b>	1)Felling charge(0 Trees Volume 0 m <sup>3</sup> )		Rs. 1200/- per m <sup>3</sup>	0
	<b>GRAND TOTAL (A+B+C+D+E+F+G+H) to be deposit in CAMPA</b>			<b>451998</b>

2.

**Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details : Plantation will be done with 3 strand barbed wire
- b) Spacing : 4x2½ mtr. Plant planting
- c) Species : Shisham, Neem, Jamun etc.
- d) Plantation Method : Tall Plant
- e) Soil and Moisture Conservation Works : Yes
- f) Protection (Fencing, Watch man, People's Participation etc.): Fencing
- g) Proposed Monitoring Mechanism : M&E
- h) Any other information:-

  
 Divisional Forests Officer  
 Sonepat.