


**Full Title of the Project: : Diversion of 0.021524 ha. of Forest Land in favour of access to approach road to Warehouse for storage of tiles over an area measuring 25 kanal – 04 marla in Khasra no. – 82//10/2, 11, 83//6/3, 7,15 in the revenue estate of Village- Manak Tabra, Tehsil – Raipur Rani Distt.-Panchkula .**

File No.	FP/HR/APPROACH/47625/2020			
Date of Proposal				
<b>CHECK LIST SERIAL NUMBER:- 18</b>				
Name of the Forest/Reach to be diverted	Diversion of 0.021524 ha. of Forest Land in favour of access to approach road to Warehouse for storage of tiles over an area measuring 25 kanal – 04 marla in Khasra no. – 82//10/2, 11, 83//6/3, 7,15 in the revenue estate of Village- Manak Tabra, Tehsil – Raipur Rani Distt.-Panchkula.			Panchkula Distt.
Forest Area (in Ha)	0.021524 Ha			
Details of de-graded forest land/non forest land where CA is to be carried out :	Morni-Pinjore	C-29, Musumpur Beat, Mirpur Block, Raipur Rani Range	Village.	C-29, Musumpur Beat, Mirpur Block, Raipur Rani Range
GPS Reading of proposed CA site	C-29, Musumpur Beat, Mirpur Block, Raipur Rani Range 30° 35' 32.33" N, 77° 5' 47.47" E, 30° 35' 24.34" N, 77° 6' 0.96" E, 30° 35' 21.39" N, 77° 5' 53.21" E, 30° 35' 22.16" N, 77° 5' 44.79" E,			
<b>Description of Area :</b>				
2	Whether the site selected for Compensatory Afforestation is a land			
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			
iii	Soil Type			Arid brown soil with texture varies from sandy loam to clay.
iv	Topography :		a. Hilly/Undulating/Plain.	Undulating
v			b. Slope:- Steep/Medium/Gentle.	Gentle
Whether the area is bearing any root stock of vegetation				
vi	No			
<b>Plantation of Model:-</b>				
3	Copy of the approved Compensatory Afforestation Scheme/Model			
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					
	Year	Cost norm per plants			
Sr.No.	1st Year Cost of Afforestation		381.97		
i	2nd Year Maintenance		122.70		
ii	3rd Year Maintenance		44.55		
iii	4th Year Maintenance		16.57		
iv	5th Year Maintenance		16.57		
v	6th Year Maintenance		16.57		
vi	7th Year Maintenance		16.57		
vii	8th Year Maintenance		16.57		
viii	9th Year Maintenance		16.57		
IX	10th Year Maintenance		16.57		
	Total		665.22		
Area to be Diverted					0.021524 Ha
Area to be planted		Two times the diverted area)			0.04304 Ha
Nos of trees to be felled					24 No.
Nos of Plants to be planted @ 1000/- plants per Ha					240
Nos of Plants to be damaged				15	
Two times of Plant to be damaged				30	
	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	<u>Nos of Plants</u>	<u>Rate Per plant</u>		
i	1st Year Cost of Afforestation	240	381.97		91672.8
ii	2nd Year Maintenance	240	122.70		29448
iii	3rd Year Maintenance	240	44.55		10692
iv	4th Year Maintenance	240	16.57		3976.8
v	5th Year Maintenance	240	16.57		3976.8
vi	6th Year Maintenance	240	16.57		3976.8
vii	7th Year Maintenance	240	16.57		3976.8
viii	8th Year Maintenance	240	16.57		3976.8
ix	9th Year Maintenance	240	16.57		3976.8
x	10th Year Maintenance	240	16.57		3976.8
xi	Barbed wire fencing charge (RKM)	0.96	Rs.200000/- per RKM.		192000
				Total Charges	351650
Supervisory / Over Head / Miscellaneous Charges		10% of CA			35165
	ToTal (A)	CA Charges			386815



B	Addl Compensatory Afforestation Charges		Nos of Plants	Rate Per plant	
i	1st Year Cost of Afforestation		30	381.97	11459.1
ii	2nd Year Maintenance		30	122.70	3681
iii	3rd Year Maintenance		30	44.55	1336.5
iv	4th Year Maintenance		30	16.57	497.1
v	5th Year Maintenance		30	16.57	497.1
vi	6th Year Maintenance		30	16.57	497.1
vii	7th Year Maintenance		30	16.57	497.1
viii	8th Year Maintenance		30	16.57	497.1
ix	9th Year Maintenance		30	16.57	497.1
x	10th Year Maintenance		30	16.57	497.1
xi	Barbed wire fencing charge (RKM)		0.12	Rs.200000/- per KM.	24000
	ToTal (B) Addl. C.A.Charges				43956.3
C	Penal C.A.				0
D	Catchment Area Treatment/Soil and Moisture Conservation Charges			30% of the total CA	116045
E	Safety Zone if required				0
F	Add.charges if required				0
G	Net Present Value of forest land to be diverted 0.021524			887000	19092
H	Felling Charges	24 trees	22.7	Rs.1200/-per CUM	27240
	Grand Total (A+B+C+D+E+F+G+H)				593148
Or Say	Technical Details :-				
6	Technical Details of Compensatory Afforestation Scheme are as follows :-				
	General Details			Plantation will be done with 3 standard barbed wire in RF/PF.	
a	Spacement.			4 x 4 mtr.	
b	Species.			Baheda, Papdi, Aawla	
c	Plantation Method.			Tall Plantation	
d	Soil and Moisture Conservation Works.			NIL	
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 Forest Division  
 Pinjore