

Full Title of the Project: Diversion of 0.72 Ha. of Forest Land for widening of existing path and Construction of a boosting tank at River Bed Lasava to resolve water supply to various Hamlets and Village of Morni area i.e. Dhakwala, Deora, Bana, Kharun, Katli, Lasava, Narwar etc. Distt. Panchkula

File No.	(FP/HR/WATER/47250/2020)
Date of Proposal	

CHECK LIST SERIAL NUMBER:- 18

Name of the Forest/Reach to be diverted	Diversion of 0.72 Ha. of Forest Land for widening of existing path and Construction of a boosting tank at River Bed Lasava to resolve water supply to various Hamlets and Village of Morni area i.e. Dhakwala, Deora, Bana, Kharun, Katli, Lasava, Narwar etc. Distt. Panchkula	Panchkula Distt.
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Forest Area (in Ha)	0.72Ha
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Details of de-graded forest land/non forest land where CA is to be carried out :	Morni-Pinjore	C-62, Ghajjan Beat, Morni Block, Morni Range	Village.	C-62, Ghajjan Beat, Morni Block, Morni Range
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GPS Reading of proposed CA site	C-62, Ghajjan Beat, Morni Block, Morni Range	30°
	40' 14.620" N, 77° 4' 49.000" E, 30° 40' 9.190" N, 77° 4' 49.460" E, 30° 40' 9.230" N, 77° 4' 43.220" E, 30° 40' 13.000" N, 77° 4' 41.090" E	

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		N.A
ii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary		Within Forest
iii	Soil Type		Arid brown soil with texture varies from sandy loam to clay.
iv	Topography :	a. Hilly/Undulating/Plain.	Undulating
v		b. Slope:-	Gentle
vi	Whether the area is bearing any root stock of vegetation		No
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 PCCF, Haryana's at the wage rate of Rs.347.08/- per day as under :-

Sr.No.	Year	Cost norm per plants		
	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				0.72Ha
Area to be planted		(Two times the diverted area)		1.44 Ha
Nos of trees to be felled				0 No.
Nos of Plants to be planted @ 1000/- plants per Ha				1440
Nos of Plants to be damaged				0
Two times of Plant to be damaged				0
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	1440	381.97	550036.8
ii	2nd Year Maintenance	1440	122.70	176688
iii	3rd Year Maintenance	1440	44.55	64152
iv	4th Year Maintenance	1440	16.57	23860.8
v	5th Year Maintenance	1440	16.57	23860.8
vi	6th Year Maintenance	1440	16.57	23860.8
vii	7th Year Maintenance	1440	16.57	23860.8
viii	8th Year Maintenance	1440	16.57	23860.8
ix	9th Year Maintenance	1440	16.57	23860.8
x	10th Year Maintenance	1440	16.57	23860.8
xi	Barbed wire fencing charge (RKM)	5.76	Rs.200000/- per RKM.	1152000
Total Charges				2109902
Supervisory / Over Head / Miscellaneous Charges		10% of CA		210990
ToTal (A)		CA Charges		2320893

B	Addl. Compensatory Afforestation Charges	Nos of Plants	Rate Per plant	
i	1st Year Cost of Afforestation	0	381.97	0
ii	2nd Year Maintenance	0	122.70	0
iii	3rd Year Maintenance	0	44.55	0
iv	4th Year Maintenance	0	16.57	0
v	5th Year Maintenance	0	16.57	0
vi	6th Year Maintenance	0	16.57	0
vii	7th Year Maintenance	0	16.57	0
viii	8th Year Maintenance	0	16.57	0
ix	9th Year Maintenance	0	16.57	0
x	10th Year Maintenance	0	16.57	0
xi	Barbed wire fencing charge (RKM)	0.00	Rs.200000/- per KM.	0
	ToTal (B) Addl. C.A.Charges			0
C	Penal C.A.			0
D	Catchment Area Treatment/Soil and Moisture Conservation Charges		30% of the total CA	696268
E	Safety Zone if required			0
F	Add.charges if required			0
G	Net Present Value of forest land to be diverted	0.72	887000	638640
H	Felling Charges	0 trees	Rs.1200/-per CUM	0
	Grand Total			3655800
	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.			Aawla, Baheda, Papdi
c	Plantation			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

