

Full Title of the Project: Diversion Of 7.52 Ha. of forest land for four lane widening and strengthening of Jagdhari-Bilaspur-Sadhuara-Raipur Rani Road upto Mouli (SH NO1) district Panchkula. FP/HR/ROAD/40850/2019.

File No.	FP/HR/ROAD/40850/2019			
Date of Proposal				

CHECK LIST SERIAL NUMBER:- 18

Name of the Forest/Reach to be diverted	Jagdhari- Bilaspur-Sadhuara-Raipur Rani Road upto Mouli (SH NO1) district	Raipur Rani	Panchkula Distt.	
Forest Area (in Ha)	7.52			
Details of de-graded forest land/non forest land where CA is to be carried out :	Morni-Pinjore		C-4 Turo Beat, Bhud Block, Raipur Rani Range, C-70, Ponta Beat, Trilokpur Block, Raipur Rani Range & Janouli Beat, Chikkan Block, Pinjore Range	C-4 Turo Beat, Bhud Block, Raipur Rani Range, C-70, Ponta Beat, Trilokpur Block, Raipur Rani Range & Janouli Beat, Chikkan Block, Pinjore Range
GPS Reading of proposed CA site	(I) DP-235 C-3 Bhawana Beat, Pinjore Block, Pinjore Range 30°48'28.34"N 76°57'8.99"E, 30°48'30.73"N 76°57'8.06"E, 30°48'30.73"N 76°57'8.06"E, 30°48'36.02"N 76°57'3.43"E, 30°48'37.39"N 76°57'1.17"E, 30°48'39.45"N 76°56'59.48"E, 30°48'39.61"N 76°56'57.98"E, 30°48'39.40"N 76°56'55.97"E, 30°48'37.60"N 76°56'53.42"E, 30°48'37.77"N 76°56'49.66"E, 30°48'43.24"N 76°56'43.76"E, 30°48'42.70"N 76°56'42.42"E, 30°48'36.80"N 76°56'36.60"E, 30°48'32.56"N 76°56'32.43"E, 30°48'24.64"N 76°56'31.23"E, 30°48'22.21"N 76°56'32.43"E, 30°48'22.42"N 76°56'36.04"E, 30°48'23.65"N 76°56'38.85"E, 30°48'23.63"N 76°56'41.49"E, 30°48'25.00"N 76°56'44.55"E, 30°48'26.62"N 76°56'45.64"E, 30°48'25.60"N 76°56'49.49"E, 30°48'25.41"N 76°56'56.47"E, 30°48'25.96"N 76°57'1.19"E, 30°48'25.50"N 76°57'3.62"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			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
3	Plantation of Model:-			
	Compensatory Afforestation Scheme/Model showing			
4	Detail of year wise breakup of requirement of funds is as under :-			

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 :-

Sr.No.	Year	Cost norm per plants
i	1st Year Cost of Afforestation	373.64
ii	2nd Year Maintenance	120.02
iii	3rd Year Maintenance	43.58
iv	4th Year Maintenance	16.21
v	5th Year Maintenance	16.21
vi	6th Year Maintenance	16.21
vii	7th Year Maintenance	16.21
viii	8th Year Maintenance	16.21
ix	9th Year Maintenance	16.21
X	10th Year Maintenance	16.21
	Total	650.71

Area to be Diverted		7.52 Ha
Area to be planted	(one/two/ten times the diverted area)	15.04 Ha (Two Times)
Nos of trees to be felled		3372 No.
Nos of Plants to be planted @ 1000/- plants per Ha		15040 Nos.
Nos of Plants to be damaged		4030
Two times of Plant to be damaged		8060

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	15040	373.64	5619545.6
ii	2nd Year Maintenance	15040	120.02	1805101
iii	3rd Year Maintenance	15040	43.58	655443
iv	4th Year Maintenance	15040	16.21	243798.4
v	5th Year Maintenance	15040	16.21	243798.4
vi	6th Year Maintenance	15040	16.21	243798.4
vii	7th Year Maintenance	15040	16.21	243798.4
viii	8th Year Maintenance	15040	16.21	243798.4
ix	9th Year Maintenance	15040	16.21	243798.4
x	10th Year Maintenance	15040	16.21	243798.4
				0
	Supervisory / Over Head / Miscellaneous Charges (10%)	10% of CA	Total Charges	9786678
	ToTal (A)	CA Charges		978668
B	Addl. Compensatory Afforestation Charges	Nos of Plants	Rate Per plant	10765346
i	1st Year Cost of Afforestation	8060	373.64	3011538.4
ii	2nd Year Maintenance	8060	120.02	967361.2
iii	3rd Year Maintenance	8060	43.58	351254.8
iv	4th Year Maintenance	8060	16.21	130652.6
v	5th Year Maintenance	8060	16.21	130652.6
vi	6th Year Maintenance	8060	16.21	130652.6
vii	7th Year Maintenance	8060	16.21	130652.6
viii	8th Year Maintenance	8060	16.21	130652.6
ix	9th Year Maintenance	8060	16.21	130652.6
x	10th Year Maintenance	8060	16.21	130652.6
	ToTal (B) Addl. C.A.Charges			0
C	Penal C.A.			5244722.6
D	Catchment Area Treatment/Soil and Moisture Conservation Charges	30% of the total CA		0
E	Safety Zone If required			3229604
i	Sub Surface dam			0
ii	Crate wire structure	3.50 lac per structure	6 No.	4000000
iii	Retaining wall	5 lac each	4 No.	2100000
F	Add charges if required			2000000
i	cleaning of Bamboo	138.81 Rs. Per clump	500 No.	69405
ii	Spacing of bamboo seedlings	2082.34 Rs. Per Ha	7 Ha	14576
	New fencing or full replacement of old fencing including cutting, carriage loading and unloading of fencing material within 1/2 Km			
	3.50 Mt. circumference, 6 sticks, 30 cm	52.05 Rs per fence	23100 Plants	1202355
G	Net Present Value of forest land to be diverted	7.52	887000	6670240
H	Felling Charges	3372 trees	2923.34	3508008
	Grand Total		Rs 1200/-per CLJM	38804257
6	Or Say Technical Details :-			
	Technical Details of Compensatory Afforestation Scheme are as follows :-			
	General Details			
a	Spacement			
b	Species		4 x 4 mtr.	
c	Plantation Method.		Belpather, Bans, Pahadi Papdi, Emli,	
d	Soil and Moisture Conservation Works.		Tall Plantation	
e	Protection (Fencing, watchman, Peoples Participation etc).		Sub Surface Dam, crate wire structure	
f	Proposed Monitoring Mechanism.		Fencing	
g	Any Other Information		M&E	
			None	