

Rehabilitation and Upgrading of Existing Road to 4 Lane with Paved Shoulder from Kolaka to Nauni Chowk (Kolaka to Dareota Village-Pkg IIA, Dareota Village to Daseharan Village-Pkg IIB & Daseharan Village to Nauni Chowk-Pkg IIC) of NH 205 |Design Chainage – Km 28+800 to Km 58+450, Design Length – 29.65 Km] in the State of Himachal Pradesh (FP/HP/ROAD/156128/2022)

" SCHEME FOR COMPENSATORY AFFORESTATION "

1 Detail of degraded forest land /non - forast land :-											
Sr. No.	Name of Division	Name of Forest Range	Block	Name of Beat	Name of Forest area	Area in ha.	District	Tehsil	Survey Sheet No.	Village Name	
1	Kunihar	Arki	Jainagar	Sai	DPF-Baila	10	Solan	Arki	53A16/NE	Bnila	
2	Kunihar	Arki	Piplughat	Piplughat	UPF- Kanlah	10	Solan	Arki	53A16/NE	Kanlah	
3	Kunihar	Kuthar	Surajpur	Surajpur	UPF-Tipra	15	Solan	Baddi	53B13/NE	Tipra	
Total						35					
2 Area to be afforested (in hac)										35	
2 Description of area :											
(I)	Whether the site selected for compensatory Afforestation is a land bank or not.										No
(II)	if the CA site is other than the land blank, reasons be given				The forest area left blank is in small chunks and scattered but not enough to form/notify a land bank						
(III)	in case of non forest area identified for CA, then what is the distance of CA site from the nearby forest boundary									N/A	
(IV)	Soil Type										Sandy loam
(V)	Topography:										
	(a):Hilly/ Undulating/plain				Undulating						
	(b): Slope: Steep /Medium/gentle				Medium						
(VI)	Whether the area is bearing any root stock of vegetation:										yes
3 Schedule of plantation programme:											
(A) Detail of yearwise break up requirement of funds is as under											
	Year					Area in Hac	Rate/ha.	Total			
	0th Year fencing & planting					1	204780	204780			
	1th Year					1	23580	23580			
	2th year					1	17160	17160			
	3th year					1	9310	9310			
	4th year					1	9310	9310			
	5th year					1	9310	9310			
	6th year					1	9310	9310			
	7th year					1	9310	9310			
	8th year					1	9310	9310			
	9th year					1	9310	9310			
	10th year					1	9310	9310			
	Total (A)-:					1		320000			
Gross Total for 1 Hact :-											320000
Proposal for land diversion (in hac)											35
Total C.A Expenditure for raising of plantation											35
Detail of plants to be planted :											11200000
a	Area to be afforested										35
(B) cleaning of areas infested with invasive alien species upto 50%											
Detail of yearwise break up requirement of funds is as under											
	Particulars	cost norms per ha. 2023-24	area in ha.	total cost	year of execution	cost escalation	unit cost after applying cost escalation	Total amount			
	1	2	3	4	5	6	7	8			
	1st year activity	29124	35	1019340	2024-25	10%	101934	1121274			
	year II	6976	35	244160	2025-26	20%	48832	292992			
	Year III	3532	35	123620	2026-27	30%	37086	160706			
	Year IV	3532	35	123620	2027-28	40%	49448	173068			
	Total (B)							1748040			
Grand Total A+B											12948040
b	Number of plants to be afforested per ha during 1st year										1100
G.Total (CA expenditure+cost of plants)											Nos.
Contingency charges @ 5%											12948040
Departmental charges@17.5%											6,47,402
Grand Total of CA including taxes											2265907
											1,58,61,349
5 Technical details:											
Technical details of compensatory Afforestation Scheme are as follows:											
a)	General details : the area will be closed to improve the vegetation cover & enhance the moisture and water regime.										
b)	Spacing : 3.00 X3.00										
c)	Species : Behra,Aamla,Arjun , Kachnar, Jharinoo, Daru, Jamun , Riitha, Khair , chil										
d)	Plantation method : As per approved cost model/ scheme										
e)	Soil and moisture conservation works:							Water retention trenches etc.	5000000		
f)	Protection (Fencing , Watch man , People' s Participation etc.):-										
g)	Proposed monitoring Mechanism :- As per guidelines.										
h)	Any other information :- Nil										
Grand total financial outlay of CA Scheme(in Rs):-Two Crore Eight Lakh Sixty One Thousand Three Hundred and Forty Nine only/-											2,08,61,349

Divisional Forest Officer
Kunihar Forest Division

Conservator of Forests,
Bilaspur Forest Circle,
Bilaspur, N.P