

No:- 9137  
HP Forest Department

Dated Bilaspur, the 13/12/2023

**To:**

Sr. Executive Engineer,  
Electrical Division,  
HPSEB Ltd. Bilaspur.

Subject: Diversion of 0.2 hectare of forest land for Construction of 33/11 KV Electrical Sub Center Shree Naina Devi Ji which falls in the Jurisdiction of Modar Village, Tehsil Shree Naina Devi Ji at Swarghat, Distt. Bilaspur HP

Sir,

Reference your office letter No. 6225-26 dated 29.11.2023 on the subject cited above.

The GoI vide letter No. FC/HPB/12/178/2022 dated 22.11.2023 has accorded its in principle approval for above project under FCA, 1980. As such, the revised amount (current wage) of compensatory levies & cost of trees in respect of the proposal mentioned above may be deposited in the following manner:-

I	Amount required to be deposited in Adhoc-CAMPA Account being maintained by Govt. of India	Amount (in Rs.)	Remarks
(a)	Cost of Compensatory Afforestation (excluding 17.5% Deptt. Charges)	167979	
(b)	Cost of Additional Compensatory Afforestation (excluding 17.5% Departmental Charges)	0	
(c)	Cost of Penal Compensatory Afforestation (excluding 17.5% Departmental Charges)	0	
(d)	Cost of Catchment Area Treatment Plan	0	
(e)	Cost of Wildlife Management Plan	0	
(f)	Net Present Value	201042	
(g)	Penalty for violation equal to the NPV per year plus 12% simple interest till the deposit is made along with 20% penalty of above	0	
(h)	Cost of afforestation for safety zone area in respect of mining cases	0	
(i)	Cost of implementing phased Reclamation plan of dump site (excluding 17.5% Departmental Charges)	0	
(j)	25% of cost of Soil & Moisture Conservation	0	
(k)	Other Charges (specify): 5% Contingencies on C.A.	8399	
(l)	Other Charges, if any (specify): 5% Contingencies on Reclamation plan of dump site.	0	
(m)	Other Charges, if any (specify): Electrical CA	377420	
	<b>Total</b>		
II	AMOUNT REQUIRED TO BE DEPOSITED IN THE STATE GOVT. TREASURY	140022	
(a)	Cost of Trees	29396	
(b)	Departmental Charges on C.A. @17.5% of cost of C.A.	0	
(c)	Departmental Charges on a/c of Reclamation plan @ 17.5%	0	
(d)	Departmental Charges on a/c of PCA @ 17.5%	0	
(e)	Departmental Charges on a/c 25% C.A. cost towards Soil & Moisture Conservation @17.5%	0	

7.5%

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Supdt. Accounts

JE's Works JE. MBS JE PURCHASE  
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[Signature]



(f)	Reclamation plan I/c Contingency & Departmental charges	0	
(g)	Penalty for violation	0	
	<b>Total</b>	<b>169418</b>	
III	<b>Taxes</b>		
	GST @ 18% on cost of F/Posts & B/Wire	3023	
	I/tax on value of trees @ 2.83%	3963	
	Edu cess on I/Tax	40	
	<b>Total taxes</b>	<b>7026</b>	
	<b>G. Total (I/c taxes)</b>	<b>553864</b>	

\*Write NA where Not applicable.

The compensatory levies mentioned above may be deposited strictly in accordance with the following guidelines:

**(A) FOR AMOUNT(S) MENTIONED AT 2(I) TO BE DEPOSITED IN ADHOC-CAMPA ACCOUNT**

The payment to be deposited under CAMPA after generating challan through FC portal <http://forestsclearance.nic.in> and you should have submit the above mentioned challan in the bank while depositing the funds. The manual/steps to generate the online challan can be downloaded from the FC portal <http://forestsclearance.nic.in> under menu "Supportà Steps for generating challan for making payment for Stage-II clearance". No other mode of payment will be accepted.

**Note:** "User agencies should proceed to start the process of uploading of demand letter, verification of demand & generation of challan only when they are in position to make payment immediately in any case not later than 10 days"

**(B) FOR AMOUNT(S) MENTIONED AT 2(II) TO BE DEPOSITED IN STATE GOVT. TREASURY:-**

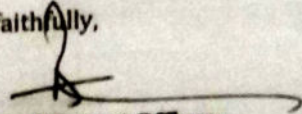
- Amounts due towards State Govt. Treasury (Col. No.II) may be deposited in this office through cheque/DD in favour of Divisional Forest Officer, Bilaspur Forest Division, Distt. Bilaspur HP payable at Bilaspur, H.P.
- The amounts due towards taxes i.e. GST & Income Tax may also be deposited separately i.e. tax wise in this office through cheque/DD in favour of Divisional Forest Officer, Bilaspur Forest Division, Distt. Bilaspur HP payable at Bilaspur, H.P.

It is therefore, requested that the above levies may be deposited in accordance to the instructions contained on the subject matter and also submit point-wise compliance to the other stipulations/conditions imposed in 'in-principal' approval so that further action is taken accordingly.

Revised cost of trees, NPV Bill and CA Scheme, is enclosed herewith for favour of information and further n/action at your end please.

Encl: As above.

Yours faithfully,



**Divisional Forest Officer,  
Bilaspur Forest Division  
Bilaspur, HP.**



**{COMPENSATORY AFFORESTATION- FENCING WITH RCC FENCE POSTS} Norms for new plantation in Non-tribal areas (at wage rate of Rs. 375/- for non tribal areas)**

*Modal : 1100 Plants per hectare- Activity-wise calculations)*

**CHECK LIST SERIAL NUMBER:18**

Sr. No.	Particulars Of Works	Unit	Qty	Rate per unit at the wage rate of 150/-	Manday's involved	Amount at wage rate of Rs. 375/- for Non-Tribal areas
<b>A</b>	<b>SURVEY, DEMACATION &amp; FENCING:-</b>					
1	Survey & Demarcation of Plantion Area	Ha.	1	101.00	0.67	251.25
2	Prepration/ Purchase of RCC Fence Post	No.	50	395.00	0.00	19750
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/ downhill	KM/No.	50	33.50	22.33	8373.75
4	Preparation/ Digging of Holes of 20x30x50 cm	No.	50	9.06	3.02	1132.5
5	Fixing of RCC Fence Post i/c Strutting	No.	50	7.16	2.39	896.25
6	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/Qtl.	0.75	73.65	0.74	277.5
7	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	8.00	3000
8	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.09	4.09	1533.75
9	Cost of Barbed wire	Qtl.	0.75	7600.00	0.00	5700
<b>Total -A / Survey, Demarcation &amp; Fencing:</b>						<b>40915.00</b>
					<b>Or Say</b>	<b>41000</b>
<b>B</b>	<b>PLANTING:-</b>					
1	Bush Cutting in Strips (3mx3m)	Ha.	1	1192.80	7.95	2981.25
2	Digging of Pits of 45x45x45 cm Size	No.	1100	9.54	69.96	26235
3	Filling of Pits of 45x45x45 cm Size	No.	1100	2.72	19.95	7481.25
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/No.	1100	1.90	27.87	10451.25
5	Planting of Plants Raised in P/Bags	No.	1100	2.18	15.99	5996.25
6	Consturction of Inspection Path	Rmt.	100	11.00	7.33	2748.75
7	Cost of Sign Board, Carriage& Fixing	No.	0	L/S	0.00	450
<b>Total - B/ Planting:</b>						<b>56343.75</b>
					<b>Or Say</b>	<b>56400</b>
<b>Total Fencing and Planting (A+B)</b>						<b>97400</b>
<b>Norms for Maintenance of Old Plantation In Non-Tribal Areas</b>						
<b>C</b>	<b>MAINTENANCE</b>					
	<b>1st year maintenance (30% beating up of failures)</b>					



1	Re - Digging of pits 45X45X45 cms	No	330	4.77	10.49	3933.75
2	Filling of pits 45X45X45 cms	No	330	2.72	5.99	2246.25
3	Planting of Plants Raised in P/Bags	No	330	2.18	4.79	1796.25
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/No.	330	1.90	8.36	3135
5	Repair of fencing	Rmt	60	1.80	0.72	270
<b>Total 1st year maintenance</b>						<b>11381.25</b>
						<b>Or Say 11400</b>
<b>2nd year maintenance (20% beating up of failures)</b>						
1	Re - Digging of pits 45X45X45 cms	No	220	4.77	7.00	2623.5
2	Filling of pits 45X45X45 cms	No	220	2.72	3.99	1496
3	Planting of Plants Raised in P/Bags	No	220	2.18	3.20	1199
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No	220	1.90	5.57	2090
5	Repair of fencing	RMT	60	1.80	0.72	270
<b>Total 2nd year maintenance</b>						<b>7678.5</b>
						<b>Or Say 7700</b>
<b>3rd year to 10th maintenance (10% beating up of failures)</b>						
1	Re - Digging of pits 45X45X45 cms	No	110	4.77	3.50	1311.75
2	Filling of pits 45X45X45 cms	No	110	2.72	1.99	748
3	Planting of Plants Raised in P/Bags	No	110	2.18	1.60	599.5
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No	110	1.90	2.79	1045
5	Repair of fencing	RMT	60	1.80	0.72	270
<b>Total 3rd year maintenance</b>						<b>3974.25</b>
						<b>Or Say 3900</b>
						<b>3900</b>
						<b>3900</b>
1	4th year Maintenance					<b>3900</b>
2	5th year Maintenance					<b>3900</b>
3	6th year Maintenance					<b>3900</b>
4	7th year Maintenance					<b>3900</b>
5	8th year Maintenance					<b>3900</b>
6	9th year Maintenance					<b>3900</b>
7	10th year Maintenance					<b>50300</b>
<b>Total (C) Maintenance cost for 10 years</b>						
<b>Activity</b>		<b>Name of component</b>		<b>Non tribal Areas (Amt in Rs.)</b>		
Cleaning of areas infested with invasive Alien Species upto 75%		(Year-1)- Clearing of new areas		39200.00		
		(Year-11) 1st Maint. Of cleared areas		8500.00		
		(Year-III) 2nd Maint. Of cleared areas		5200.00		



	year-IV)-3rd Maint. Of cleared areas	5200.00	
	Total cost including Maint.	58100.00	
E	<b>TOTAL NEW + MAINTENANCE + CLEANING (A+B+C+D)=</b>		<b>205800.00</b>
<b>Full Title of the Project:</b>			
Diversion of 0.2 hectare of forest land for the construction of 33/11KV Electrical Sub Center Shree Naina Devi Ji which falls in the jurisdiction of Modar Village, Tehsil Shree Naina Devi Ji at Swarghat, Bilaspur HP within the jurisdiction of Bilaspur Forest Division.			
File No.:		FP/HP/Sub Station/148224/2021	
Date of Proposal:		14-Oct-21	
<b>"SCHEME FOR COMPENSATORY AFFORESTATION"</b>			
<b>1 Detail of degraded forest land/non-forest land:-</b>			
District		Bilaspur	Village DPF Jabliyana
Tehsil		Ghumarwin	
Name of Division		Bilaspur	Range Ghumarwin
Block/Compartment		DPF Jabliyana	
Area to be afforested (in hac)		0.66	
<b>2 Description of area:</b>			
(i)	Whether the site selected for Compensatory Afforestation is a land bank or not:		YES
(ii)	If the CA site is other than the land blank, reasons be given		N.A.
(iii)	In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary		N.A.
(iv)	Soil Type:	Sandy loom mixed with rocky strata	
(v)	Topography:		
	(a): Hilly		
	(b): Slope: Medium		
(vi)	Whether the area is bearing any root stock of vegetation:		No
<b>3 Schedule of Plantation Programme:</b>			
<b>(A) Detail of yearwise break up of requirement of funds is as under</b>			
	Year	Area in Hact	Rate P/hac
	0 <sup>th</sup> Year Fencing & Planting	1.00	97400
	1 <sup>th</sup> Year	1.00	11400
	2 <sup>nd</sup> Year	1.00	7700
	3 <sup>rd</sup> Year	1.00	3900
	4 <sup>th</sup> Year	1.00	3900
	5 <sup>th</sup> Year	1.00	3900
	6 <sup>th</sup> Year	1.00	3900
	7 <sup>th</sup> Year	1.00	3900
	8th year	1.00	3900
	9th year	1.00	3900



10th year	1.00	3900		
Total (A):-	1.00	147700		
(B) Cleaning of areas infested with invasive Alien Species upto 75%.				
Year	Area in Hact	Rate P/hac		
Year New	1.00	39200.00		
1 <sup>th</sup> Year	1.00	8500.00		
2 <sup>nd</sup> Year	1.00	5200.00		
3rd year	1.00	5200.00		
Total (B)		58100.00		
Gross Total for 1 Hact (A+B):-	1.00	205800.00		
Total C.A. Expenditure for raising of CA		0.66	135828.00	
4 Technical details:				
Technical details of Compensatory Afforestation Scheme are as follows:				
a)	General Details: The area will be closed to improve the vegetation cover to enhance the moisture and water level			
b)	Spacing: 3.00x3.00			
c)	Species: Khair, Shisham, Chil and medical species i.e. Harar, Behra, Amla, Arjun Ritha, Jamun etc.			
d)	Plantation Method: Triangular Planting/ Pit digging.			
e)	Soil and Moisture Conservation Works: Small scale engineering work will be carried out to enhance the moisture and water level in the area.			
f)	Protection (Fencing, Watch Man, People's Participation etc.):			
g)	Proposed Monitoring Mechanism:- As per guidelines.			
h)	Any other information:- Nil			
Detail of Plants to be Planted:			0.66	Hact.
a	Area to be afforested:		1000	Nos.
b	Number of plants to be afforested per Hact.:		1518	Nos.
c	Total number of plants including maintenance:		21.18	P/plant
d	Cost per plant		32151	
Total Cost of plants			167979.00	
Total CA+ Cost of plants=			167979.00	
G.Total			8399	
Contingency Charges @5%			29396	
Departmental Charges @ 17.5%			3023	
GST @ 18% on cost of Fence Posts and B/Wire			208798	
G. Total CA Scheme =				

Divisional Forest Officer,  
Bilaspur Forest Division  
Bilaspur, HP.

## Bill of trees

Diversion of 0.2 hectare of forest land for the construction of 33/11KV Electrical Sub Center Shree Naina Devi Ji which falls in the jurisdiction of Moder Village, Tehsil Shree Naina Devi Ji at Swarghat, Bilaspur HP within the jurisdiction of Bilaspur Forest Division.

S.N.	Species	Classification (in girth)									Vol.	Rate	Amount
		V	IV	III	IIA	IIB	IA	IB	IC	Total			
1	Drek	2	0	0	0	0	0	0	0	2	0.128	12246	1567.49
2	Salamera	1	3	4	2	1	0	0	0	11	5.513	12246	67512.20
3	Beri	1	0	1	0	0	0	0	0	2	0.482	12246	5902.57
4	Kamal	5	2	0	0	0	0	0	0	7	0.688	12246	8425.25
5	Amla	0	1	1	0	0	0	0	0	2	0.602	12246	7372.09
6	Khair	5	0	0	0	0	0	0	0	5	0.2355	139145	32768.65
7	Tut	0	0	1	0	0	0	0	0	1	0.418	12246	5118.83
8	Shishum	0	1	0	0	0	0	0	0	1	0.176	47090	8287.84
9	Amaltash	2	0	0	0	0	0	0	0	2	0.128	12246	1567.49
10	Sapling									3		500	1500
Total trees + sapling =										36	0		140022
												I/Tax	3963
												E.Cess	40
												G. Total	144025

  
**Divisional Forest Officer**  
 Bilaspur Forest Division,



## NPV Calculations

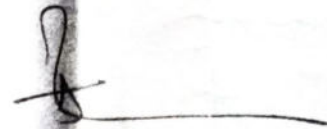
**Diversion of 0.2 hectare of forest land for the construction of 33/11 KV Electrical Sub Center Shree Naina Devi Ji Within the jurisdiction of Bilaspur Forest Division.**

**User Agency :- Sr. Executive Engineer, Electrical Division HPSEB Ltd. Bilaspur HP**

S. No	Name of Forest	Area	No of Trees											Total	Total Mature Trees	Density	NPV Rate	Total NPV (in Rs)
			Sap	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE					
1	UPF	0.2	3	16	7	7	2	1	0	0	0	0	0	36	23	0.29	1005210	201042

**Note:- The area falls under Eco-Class-V open forest**

**This is in accordance with Hon'ble Superme Court of India order dated 28.03.2008**

  
 Divisional Forest Officer,  
 Bilaspur Forest Division,  
 Distt. Bilaspur, HP