

No:- 2866
HP Forest Department

Dated Bilaspur, the

22/01/2023

To:

Executive Engineer,
Jal Shakti Division,
Bilaspur HP.



Subject: Diversion of 0.561098 hectare of forest land for the construction of Sewerage Treatment 5.00 MLD for zone No. 1 within the jurisdiction of Bilaspur Forest Division.

Sir,

Reference your office letter No. JSV-JSDB-WA-FCA/2023-6974-75 dated 17.06.2023 on the subject cited above.

The GoI vide letter No. FC/HPB/09/52/2021 dated 07.03.2022 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)	830560	
*(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	564021	
*(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 implementing the scheme for Safety Zone Area in respect of mining cases	0	
*(i)	Cost of implementing phased Reclamation Plan of muck dumping site (excluding 17.5% Departmental Charges)	0	
*(j)	25% of CA cost towards Soil & Moisture Conservation	0	
*(k)	Other Charges, if any (specify): 5% Contingencies on C.A.	41528	
*(l)	Other Charges, if any (specify): 5% Contingencies on Reclamation plan of dumping site.	0	
*(m)	Other Charges, if any (specify): Penal CA	0	
	Total	1436109	
II	AMOUNT REQUIRED TO BE DEPOSITED IN THE STATE GOVT. TREASURY		
*(a)	Cost of Trees	281679	
*(b)	Departmental Charges on C.A. @ 17.5% of cost of C.A.	152615	
*(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	
*(f)	Reclamation plan i/c Contingency & Departmental charges	0	

HR verified for Rs 1020000

(g)	Penalty for violation	0	
	Total	434294	
III	Taxes		
	GST @ 18% on cost of F/Posts & B/Wire	17713	
	I/tax on value of trees @ 2.83%	7972	
	Edu cess on I/Tax	80	
	Total taxes	25765	
	G. Total (i/c taxes)	1896168	

*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://forestclearance.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://forestclearance.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:-

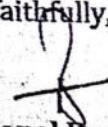
- Amounts due towards State Govt. Treasury (Col. No.II) may be deposited in this office through cheque/DD in favour of Divisional Forest Officer, Bilaspur Forest Division, Distt. Bilaspur HP payable at Bilaspur, H.P.
- The amounts due towards taxes i.e. GST & Income Tax may also be deposited seperately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

office of HP state compensatory Afforestation Fund Management & Planing Authority
(HP State CAMPA), Aranya-Bhawan, Talland, Shimla- 171001.

Cost Modal for 1 Ha Block Plantation with 500 Tall Plants Per Ha.
4 strand B/ wire with RCC Fencing Posts and maintenance for 10 years
(based on a 5 Ha compact site of plantation)

Sr. No.	Particulars Of Works	Unit	Quantity	Rate per unit at the wage rate of 200/-	Rate per unit at the wage rate of 350/-	Norm at the wage rate of 350/- for non- Tribal areas
A	SURVEY, DEMACATION & FENCING:-					
1	Survey, demarcation of Plantation Area i/c marking of section	Ha	1	134.66	235.66	235.655
2	Cost of RCC Poles and painting	No	60	300.00	525.00	31500
3	Cost of carriage of RCC Poles upto 2 Kms uphill/downhill	No	60	44.67	78.17	8041.2
4	Preparation / Digging of holes of 20X30x50 cm size for fixing of fence	No	60	12.08	21.14	1268.4
5	Fixing of RCC fence posts in concrete i/c strutting	No	60	9.55	16.71	1002.75
6	Carriage of B/Wire from store to nearest road head near plantation site in motor transport (average carriage 10 kms)	Qntl	0.9	LS	1000.00	1000.00
7	Carriage of B/Wire manually over a distance of 2 kms uphill/downhill from road side to plantation site	Per Km Per qntl	0.9	98.20	171.85	265.14
8	Stretching and fixing of b/wire in four stands	Rmt	720	6.40	11.20	8064
9	Interlacing of thorny bushes along the fence	Rmt	180	5.45	9.54	1716.75
10	Cost of procurement of B/wire	Qntl	0.9	6930.00	12127.50	10914.75
Total -A / Survey, Demarcation & Fencing:					0.00	64008.645
	Or Say					64000
B	PLANTING:-					
1	Clearing the site of weeds / Bush Cutting in Strips of 1 to 2 mtr wide	Ha	1	1590.36	2783.13	2783.13
2	Digging of pits 90X90X90 cms	No	500	83.17	145.55	72773.75
3	Filling of pits 90X90X90 cms	No	500	7.08	12.39	6195

4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	2	500	LS	13125.00	13125
5	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	0	500	30.00	52.50	22500
6	Addition of fertilizer / FYM to planting pits	No	2	500	LS	13125.00	13125
7	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	3	500	8.72	15.26	7630
8	Construction of Inspection Path 60cm wide	Rrnt	2	100	14.67	25.67	2567.25
9	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	2	500	75.00	131.25	65625
10	De- weeding and hoeing twice a year	No	7	500	10.91	19.09	16370
11	Watering the plants during months of stress	No	0	500	LS	7000.00	7000
12	Plantation Display Board [depicting the name of the Compensatory Plantation, Total Area of Plantation, Total number of Plants, Species planted and the name of all the Proposals with corresponding number of plants planted against each, for which the land was diverted]	No	5	1	LS	1750.00	1750
Total - B/ Planting:							231444
	Or Say		0				232000
	Total Fencing and Planting (A+B)		0				296000
C	MAINTENANCE						
	1st year maintenance (10% beating up of failures)						
1	Re - Digging of pits 90X90X90 cms	No	6	50	49.89	84.81	4240.65
2	Filling of pits 90X90X90 cms	No	6	50	7.09	12.05	602.65
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	0	50	LS	1500.00	1500
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	2	50	30.00	52.50	2625
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	6	50	8.72	15.26	763

6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	50	75.00	131.25	6562.5
7	Repair of fencing	Rmt	72	2.40	4.20	302.4
	Total 1st year maintenance	1				16596.20
	Or Say					16600
	2nd year maintenance (5% beating up of failures)					
1	Re - Digging of pits 90X90X90 cms	No	25	49.89	87.31	2182.6875
2	Filling of pits 90X90X90 cms	No	25	7.08	12.39	309.75
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	25	LS	700.00	700
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	25	30.00	52.50	1312.5
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	25	8.72	15.26	381.5
6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	25	75.00	131.25	3281.25
7	Repair of fencing	Rmt	72	2.40	4.20	302.4
	Total 2nd year maintenance	4				8470.0875
	Or Say					8500
	3rd year maintenance (5% beating up of failures)					
1	Re - Digging of pits 90X90X90 cms	No	25	49.89	87.31	2182.6875
2	Filling of pits 90X90X90 cms	No	25	7.08	12.39	309.75
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	25	LS	700.00	700
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	25	30.00	52.50	1312.5
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	25	8.72	15.26	381.5
6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	25	75.00	131.25	3281.25

7	Repair of fencing	Rrnt	72	2.40	4.20	302.4
	Total 3rd year maintenance					8470.0875
	Or Say					8500
	4th year maintenance (3% beating up of failures)					
1	Re - Digging of pits 90X90X90 cms	No	15	49.89	87.31	1309.6125
2	Filling of pits 90X90X90 cms	No	15	7.08	12.39	185.85
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	15	L/S	375.00	375
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	15	30.00	52.50	787.5
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	15	8.72	15.26	228.9
6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	15	75.00	131.25	1968.75
7	Repair of fencing	Rmt	72	2.40	4.20	302.4
	Total 4th year maintenance					5158.0125
	Or Say					5200
	5th year maintenance (3% beating up of failures)					
1	Re - Digging of pits 90X90X90 cms	No	15	49.89	87.31	1309.6125
2	Filling of pits 90X90X90 cms	No	15	7.08	12.39	185.85
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	15	L/S	375.00	375
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	15	30.00	52.50	787.5
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	15	8.72	15.26	228.9
6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	15	75.00	131.25	1968.75
7	Repair of fencing	Rmt	72	2.40	4.20	302.4
	Total 5th year maintenance					5158.01

	6th year maintenance (2% beating up of failures)	Or Say					5200
1	Re - Digging of pits 90X90X90 cms						
2	Filling of pits 90X90X90 cms	No	10	49.89	87.31	873.075	
		No	10	7.08	12.39	123.9	
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	10	L/S	250.00	250	
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	10	30.00	52.50	525	
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	10	8.72	15.26	152.6	
6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	10	75.00	131.25	1312.5	
7	Repair of fencing	Rmt	72	2.40	4.20	302.4	
	Total 6th year maintenance					3539.48	
		Or Say				3600	
	7th year maintenance (2% beating up of failures)						
1	Re - Digging of pits 90X90X90 cms	No	10	49.89	87.31	873.075	
2	Filling of pits 90X90X90 cms	No	10	7.08	12.39	123.9	
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 kms)	No	10	L/S	250.00	250	
4	Carriage of poly plants in poly bags (18" X 24") from road side to plantation site over a distance of 2 Kms uphill / downhill manually	No	10	30.00	52.50	525	
5	Planting of tall plants in pits i/c ramming shall be carried out with a 40% mix of fruit trees	No	10	8.72	15.26	152.6	
6	Cost of tall plants raised in Departmental Nurseries (3 year old in 18" X24" bags)	No	10	75.00	131.25	1312.5	
7	Repair of fencing	Rmt	72	2.40	4.20	302.4	
	Total 7th year maintenance					3539.48	
		Or Say				3600	
	8th to 10th year maintenance			3	3600.00	10800.00	

	Total (C) Maintenance cost for 10 years				62000.00
D	TOTAL NEW + MAINTENANCE D = (A+B+C)				358000.00

Total expenditure required for raising of CA over an area of 2.32 hac. in DPF C-27 Kallari of Shree Naina Devi Ji range for block plantation with 500 tall plants with 4 strand B/wire with RCC Fencing including 10 years maintenance in lieu of area proposed for Diversion of 0.561098 hectare of forest land for construction of Sewerage Treatment Plant 5.00 MLD for Zone No. 1 in Up Muhal Diara within the jurisdiction of Bilaspur Forest Division, Distt. Bilaspur, HP.

1	Forest land proposed for diversion	0.561098
2	Total trees involved in the proposal	116
3	Forest land identified for raising of CA	2.32
4	No. of plants to be planted i.e. 10 times of trees involved in proposal	1160

Sr. No.	Particular of cost	Rate per ha.	Area in ha.	Total amount
	Planting & Fencing	296000	2.32	686720
1	1st year maintenance cost	16600	2.32	38512
2	2nd year maintenance cost	8500	2.32	19720
3	3rd year maintenance cost	8500	2.32	19720
4	4th year maintenance cost	5200	2.32	12064
5	5th year maintenance cost	5200	2.32	12064
6	6th year maintenance cost	3600	2.32	8352
7	7th year maintenance cost	3600	2.32	8352
8	8th year maintenance cost	3600	2.32	8352
9	9th year maintenance cost	3600	2.32	8352
10	10th year maintenance cost	3600	2.32	8352
	Total (New + Maintenance)	358000		830560
13	Contingency			41528
	Contingency 5% of all above			41528
	TOTAL Contingency (E)			872088
	Total Plantation + Contingency			

14	Departmental Charges	
	17.5% of all above	152615
	Total Departmental Charges	152615
C	Total {New+Maint+Contingency+Departmental charges}	1024703
15	GST @ 18% on the cost of F/Posts & B/Wire	17713
(Grand Total of CA including Taxes	1042416

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 Divisional Forest Officer
 Forest Division, Bilaspur
 Bilaspur (H.P.)

NPV Calculations

Diversion of 0.561098 hectare of forest land for construction of Sewerage Treatment Plant 5.00 MLD for Zone No. 1 Up Muhal Diara within the jurisdiction of Bilaspur Forest Division, Distt. Bilaspur, HP

User Agency :- Executive Engineer, Jal Shakti Vibhag, Division Bilaspur Distt. Bilaspur, HP.

Sr.No.	Name of Forest	Area	No of Trees										Total	Total Mature Trees	Density	Density %age	NPV Rate	Total NPV (in Rs)
			V	IV	III	IIA	IIB	IA	IB	IC	ID	IE						
1	UPF	0.561098	65	42	6	1	0	0	2	0	0	0	116	63	0.28	28.00	1005210	564021
Note:- The area falls under Eco-Class-V Open Forest																		
This is in accordance with Hon'ble Supreme Court's order dated 15.07.2015 in Writ Petition (Civil) No. 10262 of 2010.																		

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

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