

Dated Bilaspur, the 18/2/2019

From: Divisional Forest Officer,
Bilaspur Forest Division,
District Bilaspur, HP

To: Executive Engineer,
Ghumarwin Division
HPPWD Ghumarwin
Distt. Bilaspur, HP.

Subject: Diversion of 0.486 hectare of forest land in favour of HPPWD for the construction of link road from Balhi to Chuwari Km 0/0 to 1/00 within the jurisdiction of Bilaspur Forest Division.

Sir,

Please refer to this office letter of even No. 7761 dated 24.11.2018, on the subject cited above.

2. As per observations raised by office of Nodal Officer (FCA) with regard to depositing of compensatory levies, revised CA/PCA scheme including 10 year maintenance is enclosed herewith. Similarly, the bill raised vide this office letter quoted above is also revised as under:-

I	Amount required to be deposited in Adhoc-CAMPA Account being maintained by Govt. of India	Amount (in Rs.)
*(a)	Cost of Compensatory Afforestation (excluding 17.5% Departmental Charges)	165051
*(b)	Cost of Additional Compensatory Afforestation (excluding 17.5% Departmental Charges)	0
*(c)	Cost of Penal Compensatory Afforestation (excluding 17.5% Departmental Charges)	247576
*(d)	Cost of Catchment Area Treatment Plan	0
*(e)	Cost of Wildlife Management Plan	0
*(f)	Net Present Value	320000
*(g)	Cost of implementing the scheme for Safety Zone Area in respect of mining cases	0
*(h)	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
*(i)	Other Charges, if any (specify): 5% Contingencies on C.A.	6458
*(k)	Other Charges, if any (specify): 5% Contingencies on Reclamation plan of dumping site.	0
	Other Charges, if any (specify): Contingencies on PCA Cost	9686
	Total	748771
II	AMOUNT REQUIRED TO BE DEPOSITED IN THE STATE GOVT. TREASURY	
*(a)	Cost of Trees	41522
*(b)	Departmental Charges on C.A. @17.5% of cost of C.A.	22601
*(c)	Departmental Charges on a/c of Reclamation plan @ 17.5%	0
*(d)	Departmental Charges on a/c of PCA @ 17.5%	33902
*(e)	Departmental Charges on a/c 25% C.A. cost towards Soil & Moisture Conservation @17.5%	0

(f)	Value & Compensation on a/c of violation of FCA, 1980	900000
	Total	998025
iii	Taxes	
	GST @ 18% on cost of F/Posts & B/Wire	7822
	I/tax on value of trees @ 2.85%	1183
	Edu cess on I/Tax	118
	Total taxes	9123
	G. Total (i/c taxes)	1755919

*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 "Support→ 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.

- i) Amounts due towards Cost of Trees, Departmental Charges on C.A. @17.5% of cost of C.A. 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.
- ii) The amounts due towards taxes i.e. GST & Income Tax may also 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.

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

Encl: As above.

Yours faithfully,

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

Himachal Pradesh State CAMPA

{ COMPENSATORY AFFORESTATION- FENCING WITH RCC FENCE POSTS} Norms for new plantation in Non-tribal areas for 2018-19

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/-	Amount @ Rs. 150/-for Non-Tribal areas	Manday's Involved	Amount at wage rate of Rs. 225/- for Non-Tribal areas
A	SURVEY, DEMARCATION & FENCING:-						
1	Survey & Demarcation of Plantation Ha. Area		1	101.00	101.00	0.67	151.50
2	Preparation/ Purchase of RCC Fence Post	No.	50	250.00	12500.00	0.00	12500
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/ downhill	KM/No.	50	33.50	3350.00	22.33	5025
4	Preparation/ Digging of Holes of 20x30x50 cm	No.	50	9.06	453.00	3.02	679.5
5	Fixing of RCC Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537
6	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/Qtl.	0.75	73.65	110.48	0.74	165.71
7	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320
8	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.09	613.50	4.09	920.25
9	Cost of Barbed wire	Qtl.	0.75	6510.00	4882.50	0.00	4882
Total -A / Survey, Demarcation & Fencing:							29180.96
						Or Say	29200
B	PLANTING:-						
1	Bush Cutting in Strips (3mx3m)	Ha.	1	1192.80	1192.80	7.95	1789.2
2	Digging of Pits of 45x45x45 cm Size	No.	1100	9.54	10494.00	69.96	15741
3	Filling of Pits of 45x45x45 cm Size	No.	1100	2.72	2992.00	19.95	4488
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/No.	1100	1.90	4180.00	27.87	6270
5	Planting of Plants Raised in P/Bags	No.	1100	2.18	2398.00	15.99	3597
6	Construction of Inspection Path	Rmt.	100	11.00	1100.00	7.33	1650
7	Cost of Sign Board, Carriage & Fixing	No.	0	L/S	450.00	2.00	450
Total - B/ Planting:							33985.20
						Or Say	34000
Total Fencing and Planting (A+B)							63200

④

Worms for Maintenance or Old Plantation in Non-Tribal Areas for 2018-19							
C	MAINTENANCE						
	1st year maintenance (30% beating up of failures)						
1	Re - Digging of pits 45X45X45 cms	No	330	4.77	1574.10	10.49	2361.13
2	Filling of pits 45X45X45 cms	No	330	2.72	897.60	5.98	1346.4
3	Planting of Plants Raised in P/Bags	No	330	2.18	719.40	4.80	1079.1
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/No.	330	1.90	1254.00	8.36	188
5	Repair of fencing	Rmt	60	1.80	108.00	0.72	162
	Total 1st year maintenance						6829.65
	2nd year maintenance (20% beating up of failures)					Or Say	6850
1	Re - Digging of pits 45X45X45 cms	No	220	4.77	1049.40	7.00	1574.1
2	Filling of pits 45X45X45 cms	No	220	2.72	598.40	3.99	897.6
3	Planting of Plants Raised in P/Bags	No	220	2.18	479.60	3.20	719.4
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No	220	1.90	836.00	5.57	1254
5	Repair of fencing	RMT	60	1.80	108.00	0.72	162
	Total 2nd year maintenance						4607.1
	3rd year to 10th maintenance (10% beating up of failures)					Or Say	4600
1	Re - Digging of pits 45X45X45 cms	No	110	4.77	524.70	3.50	787.05
2	Filling of pits 45X45X45 cms	No	110	2.72	299.20	1.99	448.8
3	Planting of Plants Raised in P/Bags	No	110	2.18	239.80	1.60	359.78
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No	110	1.90	418.00	2.79	627
5	Repair of fencing	RMT	60	1.80	108.00	0.72	162
	Total 3rd year maintenance						2384.63
	1 4th year Maintenance					Or Say	2400
	2 5th year Maintenance						2400
	3 6th year Maintenance						2400
	4 7th year Maintenance						2400
	5 8th year Maintenance						2400
	6 9th year Maintenance						2400
	7 10th year Maintenance						2400
	Total (C) Maintenance cost for 10 years						30650

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D	Activity	Name of component	Non tribal Areas (Amt in Rs.	Remarks
	Cleaning of areas infested with invasive Alien Species upto 75%.	(Year-I)- Clearing of new areas (Year-II) 1st Maint. Of cleared areas (Year-III) 2nd Maint. Of cleared areas year-IV)-3rd Maint. Of cleared areas	23700.00 5200.00 3200.00 3200.00	Norms include:- i) Cutting/removal/disposal of Lantana (CRS method) ii) Cleaning of Lantana (sprouts) and seeding one time after first cut for new areas. (iii) Cleaning of Lantana (Sprouts) and seedlings three times through out the year for maint. Of areas. (iv)-Broadcast sowing of grass seed. (v) Tending operations. (vi) Contingencies for tools, photos, documentation, work shops etc.
	Total cost including Maint.		35300.00	35300
E	TOTAL NEW + MAINTENANCE + CLEANING (A+B+C+D)=			129150.00

Full Title of the Project:

Diversion of 0.486 hectare of forest land in favour of HPPWD for the construction of link road from Balhi to Chuwari Km 0/0 to 1/00 within the jurisdiction of Bilaspur Forest Division.

File No.:	FP/HP/ROAD/8199/2014
Date of Proposal:	24.11.2014

"SCHEME FOR COMPENSATORY AFFORESTATION"

Diversion of 0.486 hectare of forest land in favour of HPPWD for the construction of link road from Balhi to Chuwari Km 0/0 to 1/00 within the jurisdiction of Bilaspur Forest Division.

1	Detail of degraded forest land/non-forest land:-					
	District	Bilaspur	Village			
	Tehsil	Sadar				
	Name of Forest Division	Bilaspur	Range	Sadar		
	Block/Compartment	DPF Bariyance of Sadar Range				
	Area to be afforested (in 1 Hact.)					
2	Description of area:					
(i)	Whether the site selected for Compensatory	YES				
(ii)	If the CA site is other than the land blank, reasons	N.A.				
(iii)	In case of non forest area identified for CA; then	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				

3 **Schedule of Plantation Programme:**

(A) Detail of yearwise break up of requirement of funds is as under

Year	Area in Hact	Rate P/hac	Total
0 th Year Fencing & Planting	1.00	63200	63200
1 st Year	1.00	6850	6850
2 nd Year	1.00	4600	4600
3 rd Year	1.00	2400	2400
4 th Year	1.00	2400	2400
5 th Year	1.00	2400	2400
6 th Year	1.00	2400	2400
7 th Year	1.00	2400	2400
8th year	1.00	2400	2400
9th year	1.00	2400	2400
10th year	1.00	2400	2400
Total (A):-	1.00		93850

(B) Cleaning of areas infested with Invasive Alien Species upto 75%.

Year	Area in Hact	Rate P/hac	Total Amount
Year New	1.00	23700	23700
1 st Year	1.00	5200	5200
2 nd Year	1.00	3200	3200
3rd year	1.00	3200	3200
Total (B):-	1.00		35300
Gross Total for 1 Hact (A+B):-	1.00	0	129150

Proposal for land diversion = 1 hac

Total C.A. Expenditure for raising of CA	1	129150
Contingency Charges @5%		6458
Departmental Charges @ 17.5%		22601
GST @ 18% on cost of Fence Posts and B/Wire		3129
Grant Total of CA including taxes		161338

5 **Technical details:**

Technical details of Compensatory Afforestation Scheme are as follows:

- General Details: The area will be closed to improve the vegetation cover to enhance the moisture and water level
- Spacing: 3.00x3.00
- Species: Khair, Shisham, Chil and medical species i.e. Harar, Behra, Amia, Arjun Ritha, Jamun etc.
- Plantation Method: Triangular Planting/ Pit digging.
- Soil and Moisture Conservation Works: Small scale engineering work will be carried out to enhance the moisture and water level in the area.
- Protection (Fencing, Watch Man, People's Participation etc.):
- Proposed Monitoring Mechanism:- As per guidelines.

h) Any other information:- Nil

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Detail of Plants to be Planted:		
Area to be afforested:		
Number of plants to be afforested per Hact.:	1	Hact.
Total number of plants including maintenance:	1100	Nos.
Cost per plant	2530	Nos.
Total Cost of plants	14.19	P/plant
	35901	
Grand total financial outlay of CA Scheme (In Rs.):		197239

Approved
C. R. Bilaspur:
Forest Circle Bilaspur (H.P.)

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

3

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/-	Amount @ Rs. 150/- for Non-Tribal areas	Manday's involved	Amount at wage rate of Rs. 225/- for Non-Tribal areas
A	SURVEY, DEMACATION & FENCING:-						
1	Survey & Demarcation of Plantion Ha. Area	Ha.	1	101.00	101.00	0.67	151.50
2	Prepration/ Purchase of RCC Fence Post	No.	50	250.00	12500.00	0.00	12500
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/ downhill	KM/No.	50	33.50	3350.00	22.33	5025
4	Preparation/ Digging og Holes of 20x30x50 cm	No.	50	9.06	453.00	3.02	679.5
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9	Cost of Barbed wire	Qtl.	0.75	6510.00	4882.50	0.00	4882
	Total - A / Survey, Demarcation & Fencing:						29180.96
						Or Say	29200
B	PLANTING:-						
1	Bush Cutting in Strips (3mx3m)	Ha.	1	1192.80	1192.80	7.95	1789.2
2	Digging of Pits of 45x45x45 cm Size	No.	1100	9.54	10494.00	69.96	15741
3	Filling of Pits of 45x45x45 cm Suze	No.	1100	2.72	2992.00	19.95	4488
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/No.	1100	1.90	4180.00	27.87	6270
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6	Consturction of Inspection Path	Rmt.	100	11.00	1100.00	7.33	1650
7	Cost of Sign Board, Carriage& Fixing	No.	0	L/S	450.00	2.00	450
	Total - B/ Planting:						33985.20
						Or Say	34000
	Total Fencing and Planting (A+B)						63200

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9

MAINTENANCE							
1st year maintenance (30% beating up of failures)							
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5	Repair of fencing	Rmt	60	1.80	108.00	0.72	162
Total 1st year maintenance							6829.65
						Or Say	6850
2nd year maintenance (20% beating up of failures)							
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3rd year to 10th maintenance (10% beating up of failures)							
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5	Repair of fencing	RMT	60	1.80	108.00	0.72	162
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						Or Say	2400
1	4th year Maintenance						2400
2	5th year Maintenance						2400
3	6th year Maintenance						2400
4	7th year Maintenance						2400
5	8th year Maintenance						2400
6	9th year Maintenance						2400
7	10th year Maintenance						2400
Total (C) Maintenance cost for 10 years							30650

Activity	Name of component	Non tribal Areas (Amt In Rs.	Remarks
Cleaning of areas infested with Invasive Alien Species upto 75%.	(Year-I)- Clearing of new areas	23700.00	Norms Include:- i) Cutting/removal/disposal of Lantana (CRS method) ii) Cleaning of Lantana (sprouts) and seeding one time after first cut for new areas. (iii) Cleaning of Lantana (Sprouts) and seedlings three times through out the year for maint. Of areas. (iv)-Broadcast sowing of grass seed. (v) Tending operations. (vi) Contingencies for tools, photos, documentation, work shops etc.
	(Year-II) 1st Maint. Of cleared areas	5200.00	
	(Year-III) 2nd Maint. Of cleared areas	3200.00	
	year-IV)-3rd Maint. Of cleared areas	3200.00	
Total cost including Maint.		35300.00	
E	TOTAL NEW + MAINTENANCE + CLEANING (A+B+C+D)=		35300 129150.00

Full Title of the Project:

Diversion of 0.486 Hact forest land for the construction of link road from Balhi to Chuwari Kms 0/0 to 1/00 within the jurisdiction of Bilaspur Forest Division, Distt. Bilaspur, HP

File No.:

FP/HP/Road/8199/2014

Date of Proposal:

24.11.2014

"SCHEME FOR COMPENSATORY AFFORESTATION (PENAL)"

Detail for Penal Compensatory Afforestation scheme to be carried out in lieu of 5 times broken area i.e. $0.30 \times 5 = 1.5$ hac. for the construction of link road from Balhi to Chuwari Kms 0/0 to 1/00 within the jurisdiction of Bilaspur Forest Division, Distt. Bilaspur, HP.

1

Detail of degraded forest land/non-forest land:-

District	Bilaspur	Village	DPF Bariyance
Tehsil	Sadar		
Name of Forest Division	Bilaspur	Range	Sadar
Block/Compartment	DPF Bariyance of Sadar Range		
Area to be afforested under Penal CA (5 times of broken area i.e. $0.30 \times 5 = 1.5$ hac)			1.5

2

Description of area:

(i)	Whether the site selected for Compensatory		
(ii)	If the CA site is other than the land blank, reasons		YES
(iii)	In case of non forest area identified for CA, then		N.A.
(iv)	Soil Type:	Sandy loom mixed with rocky strata	
(v)	Topography:		
(a):	Hilly		
(b):	Slope: Medium		

Whether the area is bearing any root stock of vegetation:	No
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Schedule of Plantation Programme:

(A) Detail of yearwise break up of requirement of funds is as under

Year	Area in Hact	Rate P/hac	Total
0 th Year Fencing & Planting	1.00	63200	63200
1 st Year	1.00	6850	6850
2 nd Year	1.00	4600	4600
3 rd Year	1.00	2400	2400
4 th Year	1.00	2400	2400
5 th Year	1.00	2400	2400
6 th Year	1.00	2400	2400
7 th Year	1.00	2400	2400
8th year	1.00	2400	2400
9th year	1.00	2400	2400
10th year	1.00	2400	2400
Total (A):-	1.00		93850

(B) Cleaning of areas infested with Invasive Alien Species upto 75%.

Year	Area in Hact	Rate P/hac	Total Amount
Year New	1.00	23700	23700
1 st Year	1.00	5200	5200
2 nd Year	1.00	3200	3200
3rd year	1.00	3200	3200
Total (B):-	1.00		35300
Gross Total for 1 Hact	1.00	0	129150
(A+B):-			

Total expenditure for raising of Penal CA	1.5	193725
Contingency Charges @5%		9686
Departmental Charges @ 17.5%		33902
GST @ 18% on cost of Fence Posts and B/Wire		4693
Grant Total of Penal CA including taxes		242006

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 to enhance the moisture and water level
b)	Spacing: 3.00x3.00
c)	Species: Khair, Shisham, Chil and medical species i.e. Harar, Behra, Amia, 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.):

Proposed Monitoring Mechanism:- As per guidelines.

Any other information:- Nil

Detail of Plants to be Planted:

Area to be afforested:	1.5	Hact.
Number of plants to be afforested per Hact.:	1100	Nos.
Total number of plants including maintenance:	3795	Nos.
Cost per plant	14.19	P/plant
Total Cost of plants	53851	

Grand total financial outlay of Penal CA Scheme (In Rs.):

295857

Approved

C. F. Bilaspur,
Forest Circle Bilaspur (H.P.)

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