

No./D-III-176/ e-file-168140
Himachal Pradesh Forest Department
Parvati Forest Division at Shamshi.

From

Deputy Conservator of Forests,
Parvati Forest Division, Shamshi.

To

Rural Development Department
& Panchayati Raj Department
Distt. Kullu HP.

Subject:- Deposit of compensatory levies after the grant of stage-I ('in- principle') approval in respect of proposal for the diversion of 0.1982ha of forestland in favour of Block Development Officer Bhunter for construction of Solid Waste Management Plant at Kasol within the jurisdiction of Parvati Forest Division, Distt. Kullu HP. – Revised bill thereof.
(Online proposal No. FP/HP/Others/153006/2022)

Reference: Telephonic message received from Office of Nodal Officer FCA Shimla on dated 07-12-2024 and in continuation to this office e-dispatch No. I/522575/2024 dated 28-11-2024.

Sir/Madam,

The 'in-principle' approval for diversion of 0.1982 ha of forestland in favour of Rural Development Department & Panchayati Raj Department Distt. Kullu HP has been accorded by MoEF & CC, GoI, vide e-office I/88024/2024 dated 22-11-2024 (copy enclosed). Brief detail of the proposal is as under: -

Sr. No.	Details of proposal	
1.	Distt./ Forest Division to which the proposal relates	Kullu/ Parvati
2.	Name of User Agency	Rural Development Department & Panchayati Raj Department Distt. Kullu HP
3.	Name of Proposal	Solid Waste Management Plant at Kasol
4.	Extent of forest area proposed to be diverted	0.1982 ha
5.	Whether new or for additional land or for renewal/ extension	New
6.	Date of 1 st stage clearance	22/11/2024

2. The amount of compensatory levies in respect of the proposal mentioned above may be deposited in the following manner: -

I	<u>Amount required to be deposited in Adhoc- CAMPA Account being maintained by Govt. of India</u>	
* (a)	Cost of Compensatory afforestation (excluding 17.5% departmental charges)	Rs. 157969/- ✓
* (b)	Cost of additional CA (excluding 17.5% departmental charges)	N A
* (C)	Cost of Penal Compensatory Afforestation (excluding 17.5% departmental charges)	N A
* (d)	Cost of Catchment Area Treatment Plan	NA
* (e)	Cost of Wildlife Management Plan	NA
* (f)	Net Present Value (NPV)	Rs. 2,72,012/- ✓
* (g)	Cost for implementing the scheme for safety Zone Area in respect of mining cases	N A
* (h)	Cost of implementing phased Reclamation Plan of mining area	N A
* (i)	Other charges, if any (*specify) (excluding 17.5% departmental charges) Reclamation Plan	NA
	Total (I): -	Rs. 429981/- ✓
II	<u>Amount required to be deposited in the State Govt. Treasury</u>	
* (a)	Cost of trees	181000/-
* (b)	Departmental Charges on C A @ 17.5% of cost of CA	Rs. 26328/-
* (C)	Departmental Charges on Addl. CA @ 17.5% of cost of Addl. CA.	NA
* (d)	Departmental Charges on Penal CA @ 17.5% of cost of Penal CA	N A
* (e)	Other charges, if any (*specify) Reclamation Plan (17.5% departmental charges)	NA
* III	VAT on cost of trees	N A
* IV	Income Tax & surcharge on value of trees	4525
	Total (II): -	Rs. 2,11,853/- ✓

3. 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

- (i) To be deposited by your Department directly through e- payment portal such as online challan mode through the RTGS and NEFT/ off line challan mode in Ad-hoc CAMPA account from your Bank Account in the Account of Adhoc -CMAIPA as per e- challan generated through online Portal/ system.

ii) The amount to be deposited in Adhoc CAMPA account has to be deposited through e- payment portal such as online challan mode through the RTGS and NEFT/ off line challan mode only and should be deposited separately against each forest land diversion proposal. CA/ NPV amounts and other levies of two or more cases should not be clubbed and deposited together.

iii). After depositing the amount of CA, NPV etc. in Adhoc- CAMPA account through e-payment portal, the UTR No. & date of each such transaction shall be provided to the Forest Department for reference and not the 'Token No' or Demand Draft No through which it has been deposited

iv). While filling the RTGS form of the Bank, the name of user agency shall be correctly filled in the relevant column and the name so filled shall be same as appearing in the proposal folder.

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

i). Amounts due towards Departmental charges on CA & Reclamation plan, @ 17.5% shall be deposited in this office through cheque/ DD in favour of Divisional Forest Officer, Parvati Forest Division, Shamshi payable at (Name of place).

You are, therefore, requested to release the funds at the earliest and submit the compliance along with supporting documents and undertaking **as per stipulations imposed (36 Points) in "In-Principle" approval** to this office at the earliest, so that case for final approval be sent to higher authorities. Copies of bills are also attached herewith for ready reference. Further ensure that no construction etc. on forestland be started on forestland till final approval.

Encls: as above.


Deputy Conservator of Forests,
Parvati Forest Division, Shamshi.

BILL FOR COMPENSATORY AFFORESTATION SCHEME (CA)

Subject:- Diversion of 0.1982 ha of forestland in favour of Block Development Officer Kullu district Kullu for the construction of Solid Waste Management Plant (MRF) at Kasol within the Jurisdiction of Parvati Forest Division, District Kullu, Himachal Pradesh.

**PER HECTARE COST NORM FOR MODEL PLANTATION UNDER COMPENSATORY AFFORESTATION SCHEME
(1100 plant per Ha with RCC fence posts)**

Area Taken For CA = 2 x 0.1982 ha = 0.3964 Ha		Or Say = 0.50 Ha			
Species to be Planted =		OBL & Conifer species as per site suitability			
Area proposed for CA Site =		Survey sheet No. 307/SE/4, Uch village, Kasol Range			
Sr. No.	Particular of work	Unit	Qty	Mandays involved	Amount in Rs. at the wages of 400/-
A Fencing:-					
1	Survey & demarcation of plantation area	ha	1	0.67	268
2	Preparation/purchase of RCC fence posts @ Rs 490/post	Nos	50	LS	24500
3	Carriage of RCC fence post up to 2 mtr. Long Over distance 2 KM	Nos	50	22.33	8932
4	Preparation/digging of holes 20 x 30 x 50 CM size	Nos	50	3.02	1208
5	Fixing of RCC fence posts i/c strutting	Nos	50	2.39	956
6	Carriage of barbed wire over distance 2 Km uphill/downhill	Qtl	0.75	0.74	296
7	Stretching & fixing of barbed wire in 4 stands	RMT	600	19.2	7680
8	Interlacing of thorny bushes along the fence	RMT	150	4.09	1636
9	Cost of Barbed wire	Qtl	0.85	6510	5534
					51010
Add. 10% increase on escalation of wage/material rate =					5101
Total (A)-Fencing =					56111
B Planting:-					
1	Bush Cutting in strips (3m x 3m)	Ha	1	7.95	3180
2	Digging of pits 45x45x45 cm size	Nos	1100	63.60	25440
3	Filling of pits 45x45x45 cm	Nos	1100	18.13	7252
4	Carriage of plants in p bags over distance 2KM uphill/downhill	Nos	1100	25.33	10132
5	Planting of plants raised in P/bags	Nos	1100	14.53	5812
6	Construction of inspection Paths	RMT	100	7.33	2932
7	Cost of sign Board, carriage & Fixing	1	L/S	3500.00	3500
8	Nursery cost of Plants @ Rs 30 per plant	Nos	1100	LS	33000
					91248
Add. 10% increase on escalation of wage/material rate =					9125
Total (B)-Planting =					100373
C Maintenance Cost					
1st Year Maintenance (30% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	330	9.53	3812
2	Filling of pits 45x45x45 cm	Nos	330	5.43	2172
3	Planting of Plants raised in P/ Bags	Nos	330	7.60	3040
4	Carriage of Plants in P bags over distance 2km uphill/downhill	Nos	330	4.36	1744

5	Repair of fencing	Rmt	60	0.72	288
6	Nursery cost of Plants	Nos	330	30.00	9900
					20956
	Add. 20% increase on escalation of wage/material rate =				4191
	Total (1st Yr Maint.) =				25147
2nd Year Maintenance (20% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	220	6.36	2544
2	Filling of pits 45x45x45 cm	Nos	220	3.62	1448
3	Planting of Plants raised in P/ Bags	Nos	220	5.06	2024
4	Carriage of Plants in P bags over distance 2 km uphill/downhill	Nos	220	2.90	1160
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery cost of Plants	Nos	220	30	6600
					14064
	Add. 30% increase on escalation of wage/material rate =				4219
	Total (2nd Yr Maint.) =				18283
3rd Year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 km uphill/downhill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery cost of Plants	Nos	110	30	3300
					7213
	Add. 40% increase on escalation of wage/material rate =				2885
	Total (3rd Yr Maint.) =				10098
4th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 km	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery cost of Plants	Nos	110	30	3300
					7213
	Add. 50% increase on escalation of wage/material rate =				3606
	Total (4th Yr Maint.) =				10819
5th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 KM uphill/down hill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery cost of Plants	Nos	110	30	3300
					7213
	Add. 60% increase on escalation of wage/material rate =				4328
	Total (5th Yr Maint.) =				11541
6th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273

2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery Cost of Plants	Nos	110	30	3300
					7213
Add. 70% increase on escalation of wage/material rate =					5049
Total (6th Yr Maint.) =					12262
7th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery Cost of Plants	Nos	110	30	3300
					7213
Add. 80% increase on escalation of wage/material rate =					5770
Total (7th Yr Maint.) =					12983
8th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery Cost of Plants	Nos	110	30	3300
					7213
Add. 90% increase on escalation of wage/material rate =					6492
Total (8th Yr Maint.) =					13704
9th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery Cost of Plants	Nos	110	30	3300
					7213
Add. 100% increase on escalation of wage/material rate =					7213
Total (9th Yr Maint.) =					14426
10th year Maintenance (10% beating up)					
1	Re digging of pits 45x45x45 cm	Nos	110	3.18	1273
2	Filling of pits 45x45x45 cm	Nos	110	1.80	720
3	Planting of Plants raised in P/ Bags	Nos	110	2.63	1052
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	Nos	110	1.45	580
5	Repair of fencing	Rmt	60	0.72	288
6	Nursery Cost of Plants	Nos	110	30	3300
					7213

	Add. 110% increase on escalation of wage/material rate =				7934
	Total (10th Yr Maint.) =				15147
ABSTRACT					
1	New Plantation(Fencing+Planting)				156484
2	1st Year Maintenance				25147
3	2nd Year Maintenance				18283
4	3rd Year Maintenance				10098
5	4th Year Maintenance				10819
6	5th Year Maintenance				11541
7	6 th year Maintenance				12262
8	7th year Maintenance				12983
9	8th year Maintenance				13704
10	9th year Maintenance				14426
11	10th year Maintenance				15147
GRAND TOTAL (Cost Norm per Ha):-					300895
	Area to be taken for Comepnsatory Afforestation	<i>ha</i>	0.5		
	Cost for compensatory afforestation (0.5 ha) =	<i>ha</i>	0.50	300895	150447
	Add 17.50% Departmental Charges		0	17.50%	26328
	Add 5% Contigency charges on CA		0	5%	7522
Total Compensatory afforestation scheme Cost for 0.5 ha =					184298
(One lakh eighty four thousand two hundred ninty eight rupees only)					
Note:-					
1	Above scheme is liable to correct as per instruction/guide lines issued by the Govt. time to time.				
2	Any Bonafide mistake grammatical or other wise shall be liable to corrected.				


 Deputy Conservator of Forest
 Parvati Forest Division, Shamshi, Kullu

Revised NPV of Solid Waste Management Plant at Kasol.

Himachal Pradesh Forest Department

Parbati Forest Division, Shamshi.

Calculation of Net Present Value (NPV) as per Hon'ble Supreme Court of India order dated 28.03.08 in CWP@ 202of 1995 and as per recommendation of State Advisory Group meeting dated 24.01.12 and Ministry of Environment Forest and Climate Change (FCA) *Gol letter No5-3/2011-FC(vol.-1) dated 6-01-2022*, for 0.1982 ha forestland proposed for diversion in favour of Block Development Office Kullu Distt. Kullu.

Solid Waste Management Plant at Kasol.

Name of Project		Solid Waste Management Plant at Kasol.						
User Agency		Block Development Office Kullu Distt. Kullu HP						
Sr. No.	Name of Forest	Location	AREA in Ha.			Category of NPV	Category of rate for NPV	Rate of NPV/ha
			Mature * Stems	Area ^ involved	Crown Density			
1	R/4 Kaosl (RF)	Kasol Beat of Kasol Block of Kasol Range	2	0.1982 ha	2.52% Or 0.0252	Mix Dense Forest	Eco-Class VI	1372410/-
Total :		0.1982 ha						
Notes:								
Mature * Stems		All trees above Dia class – III + Half the number of all the trees Dia Class IV and below						
Area ^ involved		Area involved in the construction Solid Waste Management Plant at Kasol.						
ABSTRACT (Rupees in Rs and Area in Ha)								
Forest Cover Classes		Category of rate for NPV	Area involved		Rate	Amount		
		Mixed Dense Forest	0.1982 ha		1372410/-	2,72,012/-		

Deputy Conservator of Forests,
Parvati Forest Division, Shamshi

List of trees coming in area of construction of Solid Waste Management Plant in R/4 Kasol, C2b Forest in Kasol beat of Kasol block of Kasol Forest Range under Parvati Forest Division.

Sr. No.	Name of Forest	Scientific Name of Spp.	Local name of Spp.	Class	No.	Vol.	Remarks	Rate approved for the year 2023-24	Value (Rs)
1	R/4 Kasol	Cedrus Deodara	Deodar	IIA	1	1.9	Green Standing	84683	160898.00
2	-do-	Cedrell serrata	Daral	III	1	1.0	-do-	20102	20102.00
	Total				2	2.9		-	181000.00
Income Tax @2.5%									4525.00
G. Total									185525.00
Or say									185525.00

**Deputy Conservator of Forests,
Parvati Forest Division, Shamshi**