

No. /88  
HP Forest Department  
Dated Reckong Peo, the,  
18<sup>th</sup> April 2024

To: - Dy. General Manager (E&RR),  
STKHEP, HPPCL, R/Peo,

**Sub:- Diversion of 7.3722 Ha. of forest land as additional forest land requirement in already approved diversion in favour of Shongtong Karchham Hydro Electric Project, HPPCL under the jurisdiction of Kinnaur Forest Division Distt. Kinnaur, H.P. (Online No. FP/HP/HYD/4061/2019).**

Sir,

In continuation to in principal clearance received from MoEF&CC for the diversion of 7-3722 ha. of forest land for the construction of Shongtong Karchham HEP, HPPCL under the jurisdiction of Kinnaur Forest Division Distt. Kinnaur vide its letter dated 19.03.2024.

The bill is produced as under for further necessary action at your end please.

Sr. No.	Particulars	Amount	Appropriate Authority
1	NPV	78,84,347/-	The challan to be deposit i.e. the compensatory afforestation, Penal NPV, additional Penal CA & contingency Charges only generated through online Parivesh Portal in CAMPA account.
2	Penal NPV on 0.583 hac on Violation area.@ 1069470/- per hac.	47,50,227/-	
3	Compensatory Afforestation	33,26,400/-	
4	Additional/Penal CA on degraded forest land equal to the area be diverted	16,34,859/-	
	Contingency Charges@5%	2,91,474/-	
	<b>Total</b>	<b>1,78,87,307/-</b>	The amount of Departmental Charges may be deposited through demand draft only on account of departmental charges head in through e-challan in favor of Dy. Conservator of Forests, Kinnaur at Reckong Peo drainable in Punjab National Bank Branch Reckong Peo.
	Departmental Charges 17.5%	582120+286100=8,68,220/-	
	<b>G. Total</b>	<b>1,87,55,527/-</b>	

Since the GoI has developed an e-payments module of forest clearance portal for remittance of compensatory levies, hence all the payment viz amount of NPV, CA Scheme contingency charge may be deposited through onling forest clearance portal of [http..#forestcleararancenic.in](http://forestcleararancenic.in) through e-challan modes. The copy of UTR slip duly attested be submitted to this office after depositing the said amount along with a demand draft of departmental charges in favour of Dy. Conservator of Forests, Kinnaur at Reckong Peo drainable in Punjab National Bank Branch Reckong Peo Distt. Kinnaur H.P.

In addition to above, you are requested to furnish an undertaking or point No. x of in Principal Approval After depositing the above amount of NPV & CA necessary receipt be sent to this office which is required to be conveyed to MoEF Delhi through proper channel.

It may please also be ensured that no work be executed at the proposed site until the final approval of the competent authority is obtained and conveyed to you.



Deputy Conservator of Forests  
Kinnaur Forest Division at R/Peo.

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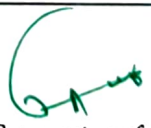
1. Nodal Officer-cum-APCCF (FCA) O/o Pr. CCF (HoFF) H.P. Shimla-I for information please.
2. CCF (T) Ramput for information please.



Deputy Conservator of Forests  
Kinnaur Forest Division at R/Peo.

**Tantative Cost of Compensatory Afforestation (CA) Scheme over measuring 7.3722 hac. of proposal seeking prior approval of the Center Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of Shongtong Karcham Hydro Electric Project, HPPCL under the Jurisdiction of Kinnaur Forest diversion, Distt. Kinnaur, Himachal Pradesh for non forestry use of 7.3722 ha. of Forest land as assitional forest land requirment in already approved diversion, in the State of Himachal Pradesh (Online Proposal No. HYD/40611/2019)**


Area proposed to be diverted	7.3722 ha.				
Total number of plants to be planted	1100 Nos./ Ha.				
Area proposed for plantation	stand				
Species to be planted	:- Coniferous and other broad live species.				
Particulars of works	Unit cost at wage structure for 2023-24 onwards	Year of execution of works.	Cost escalation	Unit cost after applying cost escalation	Total amount
Initial cost for raising compensatory afforestation over an area of 50.091 hectare	112400	2024-25	10%	123640	911499
1 <sup>st</sup> year maintenance	14200	2025-26	20%	17040	125622
2 <sup>nd</sup> year maintenance	9600	2026-27	30%	12480	92005
3 <sup>rd</sup> year maintenance	4900	2027-28	40%	6860	50573
4 <sup>th</sup> year maintenance	4900	2028-29	50%	7350	54186
5 <sup>th</sup> year maintenance	4900	2029-30	60%	7840	57798
6 <sup>th</sup> year maintenance	4900	2030-31	70%	8330	61410
7 <sup>th</sup> year maintenance	4900	2031-32	80%	8820	65023
8 <sup>th</sup> year maintenance	4900	2032-33	90%	9310	68635
9 <sup>th</sup> year maintenance	4900	2033-34	100%	9800	72248
10 <sup>th</sup> year maintenance	4900	2034-35	110%	10290	75860
<b>Total =</b>					<b>1634859</b>
Departmental Charges @17.5%					286100
<b>Total=</b>					<b>1920959</b>
Contigencies Charges @ 5%					96048
<b>G.Total</b>					<b>2017007</b>

  
**Dy. Coservator of Forests,  
Kinnaur Forest Division,  
Distt. Kinnaur at R/ Peo**



Cost of Compensatory Afforestation (CA) Scheme over measuring 7.3722 hac. of proposal seeking prior approval of the Center Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of Shongtong Karcham Hydro Electric Project, HPPCL under the Jurisdiction of Kinnaur Forest diversion, Distt. Kinnaur, Himachal Pradesh for non forestry use of 7.3722 ha. of Forest land as additional forest land requirement in already approved diversion, in the State of Himachal Pradesh (Online Proposal No. HYD/40611/2019)


Area proposed to be diverted	15 ha.				
Total number of plants to be planted	1100 Nos./ Ha.				
Area proposed for plantation	UF-33 15 Hac				
Species to be planted	:- Coniferous and other broad live species.				
Particulars of works	Unit cost at wage structure for 2023-24 onwards	Year of execution of works.	Cost escalation	Unit cost after applying cost escalation	Total amount
Initial cost for raising compensatory afforestation over an area of 50.091 hectare	112400	2024-25	10%	123640	1854600
1 <sup>st</sup> year maintenance	14200	2025-26	20%	17040	255600
2 <sup>nd</sup> year maintenance	9600	2026-27	30%	12480	187200
3 <sup>rd</sup> year maintenance	4900	2027-28	40%	6860	102900
4 <sup>th</sup> year maintenance	4900	2028-29	50%	7350	110250
5 <sup>th</sup> year maintenance	4900	2029-30	60%	7840	117600
6 <sup>th</sup> year maintenance	4900	2030-31	70%	8330	124950
7 <sup>th</sup> year maintenance	4900	2031-32	80%	8820	132300
8 <sup>th</sup> year maintenance	4900	2032-33	90%	9310	139650
9 <sup>th</sup> year maintenance	4900	2033-34	100%	9800	147000
10 <sup>th</sup> year maintenance	4900	2034-35	110%	10290	154350
<b>Total =</b>					<b>3326400</b>
<b>Departmental Charges @ 17.5%</b>					<b>582120</b>
<b>Total=</b>					<b>3908520</b>
<b>Contingency Charges @ 5%</b>					<b>195426</b>
<b>G.Total</b>					<b>4103946</b>

  
Dy. Coservator of Forests,  
Kinnaur Forest Division,  
Distt. Kinnaur at R/ Peo

**Per hectare cost norm for planting with RCC Fencing under Compensatory Afforestation Scheme (Modal:1100 Plants per hectare-per activity-wise calculation) Tribble areas for 2023-24 w.e.f.01.04.2023 (As per shedule rate of Norms circulated by Pr. CCF (HoEF)HP vide his Office Memo No. Ft. CAMPA/2010/Norm/Vol.III) dated 19 Jun 2023.**

S.No.	Particulars of works	Unit	Qty.	Rate per Unit at the	Manda y involve d	Rate per unit at wage rate Rs.469/- for Tribble areas.
<b>A</b>	<b>Survey, Demarcation &amp; Fencing</b>					
1	Survey/ demarcation of plantation area i/c marking of sections	hac	1	101	0.67	314.23
2	Preparation/ purchase of RCC Fence Post @rate of Rs. 358 per post	No.	50	358	0	17900.00
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/down hill	Km/No.	50	33.5	22.33	10472.77
4	Preparation/ digging of holes of 20x30x50 cm size for fixing of fence	No.	50	9.06	3.02	1416.38
5	Fixing of RCC fence posts in concrete i/c strutting	No.	50	7.16	2.39	1120.91
6	Carriage of B/wire manually over a distance of 2 kms uphill/downhill from road side to plantation site	Per Km per Qtl.	0.75	73.7	0.74	347.06
7	Stretching and fixing of B/wire in four stands	Rmt	600	4.8	8	3752.00
8	Interlacing of thorny bushes along the fence	Rmt	150	4.09	4.09	1918.21
9	Cost of Barbad wire	Qtl.	0.75	6510	0	4882.00
<b>Total A/Survey, Demarcation&amp; Fencing</b>						<b>42123.56</b>
						<b>42100</b>
<b>B</b>	<b>Planting</b>					
1	Bush cutting in strips 3mtrx3mtr	Ha.	1	1193	7.95	3728.55
2	Digging of pits 45x45x45cm size	No.	1100	9.54	69.96	32811.24
3	Filling of pits 45x45x45 cm size	No.	1100	2.72	19.95	9356.55
4	Carriage of plants in poly bags over distance of 2 kms uphill/downhill	Km/No.	1100	1.9	27.87	13071.03
5	Planting of plants raised in P/Bags	No.	1100	2.18	15.99	7499.31

6	Construction of inspection path	Rmt.	100	11	7.33	3437.77
7	Cost of Sign board, carriage and fixing	No.	LS	0	450	450.00
<b>Total-B/Planting = 70354.45</b>						
<b>Or Say = 70300</b>						
<b>Grand Total (A+B):- 112400</b>						
<b>1st Year Maintenance (30% Beating up)</b>						
1	Re-digging of pits 45x45x45 cm	No.	330	4.77	10.49	4919.81
2	Filling of pits 45x45x45 cm	No.	330	2.72	5.99	2809.31
3	Panting of plants raised in P/bags	No.	330	2.18	14.79	2246.51
4	Carriage of plants in poly bags from Nry to work site r distance of 2 kms uphill/ downhill	Km/No.	330	1.9	8.36	3920.84
5	Repair of fencing	Rmt	60	1.8	0.72	337.68
<b>Total 1st year maintenance: 14234.15</b>						
<b>Or Say = 14200</b>						
<b>2nd year Maintenance (20 % beating up )</b>						
1	Re-digging of pits 45x45x45 cm	No.	220	4.77	7	3281.12
2	Filling of pits 45x45x45 cm	No.	220	2.72	3.99	1871.00
3	Panting of plants raised in P/bags	No.	220	2.18	3.2	1499.55
4	Carriage of plants in poly bags over a distance of 2 kms uphill/ downhill	No.	220	1.9	5.57	2613.89
5	Repair of fencing	Rmt	60	1.8	0.72	337.68
<b>Total 2nd year maintenance: 9603.244</b>						
<b>Or Say : 9600</b>						
<b>3rd year to 10th year maintenance (10% beating up )</b>						
1	Re-digging of pits 45x45x45 cm	No.	110	4.77	3.5	1640.56
2	Filling of pits 45x45x45 cm	No.	110	2.72	1.99	935.50
3	Panting of plants raised in P/bags	No.	110	2.18	1.6	749.77
4	Carriage of plants in poly bags over a distance of 2 kms uphill/ downhill	No.	110	1.9	2.79	1306.95
5	Repair of fencing	Rmt	60	1.8	0.72	337.68
<b>Total 3rd year 10th year maintenanc: 4970.462</b>						
<b>Or Say : 4900</b>						

  
 Dy. Conservator of Forests,  
 Kinnaur Forest Division,  
 Distt. Kinnaur ,Reckong Peo H.P.



**Bill for PNPV as per the notification circulated by MoEF on dated 06.01.2022) Calculation of net present value (NPV) of forest land to be diverted under FCA,1980 under Sec. 2 (area measuring 7.3722 ha.) in favour of Shongtong Karcham Hydro Electric Project, HPPCL under the Jurisdiction of Kinnaur Forest diversion , Distt. Kinnaur , Himachal Pradesh for non forester use of PNPV violation area on 0.5883 ha. of Forest land as additional forest land requirement in already approved diversion, in the State of Himachal Pradesh (Online Proposal No. HYD/40611/2019)**

SN	Particulars	Details
1	Area to be diverted	7.3722 ha
2	Norms of NPV / Ha	1069470
3	Penalty for Violation equal to NPV of Forest land per ha. of 5 times	$1069470 \times 0.5883 = 629169 \times 5 = 3145846$
4	Interest on penal NPV @ 12 % per Annum w.e.f 01.01.2020 to 07.04.2024 i.e. 4 years and 3 Months	$3145846 \times 12\% = 3,77,501$ $377501 \times 4 = 15,10,006$ $31458.41 \times 3 = 94,375.24$
	<b>Total penalty amount</b>	<b>47,56,227.39</b>



Deputy Conservator of Forests  
Kinnaur Forest Division at R/Peo.