



## HIMACHAL PRADESH POWER CORPORATION LTD.

(A State Government Undertaking)

Shongtong-Karchham Hydro Electric Project, Reckong-Peo, Kinnaur-172107 HP

Phone: 01786-223310, Fax :01786-223174, Email- skhep.hppcl@gmail.com

**No. HPPCL/GM-STKHEP/ EC-Vol-II /2018-**

**Dated:-**

To

Ministry of Environment, Forests and Climate change (GOI),  
Northern Central Regional Office,  
Pearson Road, FRI campus, PO New Forest,  
Dehradun-248006.  
Ph. No. 0135-2750809, 2753012.

**Sub: Six Monthly Report of Shongtong-Karchham Hydroelectric Project (402MW) in village Powari, District-Kinnaur (H.P.) being executed by H.P Power Corporation Ltd.- Environment Clearance regarding.**

Sir,

In reference to above cited subject matter please find enclosed herewith six monthly report of Shongtong-Karchham HEP being executed by Himachal Pradesh Power Corporation Ltd. (HPPCL) as under:

S. No.	Conditions	Compliance Status
1	Names and address of the Project-In charge along with their telephone, FAX, mobile and Email address.	Er. M.K. Sharma General Manager (HoP) Shongtong-Karchham HEP (402MW), HPPCL, Reckong Peo, Distt. Kinnaur (H.P.)- 172107. Office Ph.- 01786-223310, Fax-01786-223174 Mob. No. – 9418068968 Email:- skhep.hppcl@gmail.com
2	Current Status of construction of project and likely date of commissioning.	Project is under construction. Estimated Date of commissioning: May 2024.
3	Exact Location of the project site including district etc.	Barrage at Powari with Power house at Ralli, near District



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		Headquarters of Kinnaur (H.P.) at Reckong-Peo.
4	Current status of point wise compliance of the stipulated environmental conditions/safeguards.	Point wise compliance of the stipulated environmental conditions/safeguards is attached as <b>Annexure - I</b>
5	The area of forest land to be diverted for passage or other purpose in your project and forest status approval from Ministry of Environment & Forests as per Forest (Conservation) Act, 1980.	<p>Forest land diverted – 63.5015 Hectares.</p> <p>Forest clearance given by MoEF on 14<sup>th</sup> Nov. 2012, vide F.No. 8-78/2010 FC.</p> <p>Addl. case for diversion of 7.3722 ha. is uploaded into the MoEF&amp;CC web portal which is under progress.</p>
6	Action Taken or proposed to be taken to release minimum environmental flow of water in the river during lean season.	<p>As per HP Hydro Power Policy 2007 minimum of 15% of Environmental Flow has to be maintained at all time downstream of the barrage. But during Environmental Clearance of the project the EAC (RVP), MoEF had added a condition to have an Environmental Flow Assessment done by a reputed institute. The Environmental Flow Assessment study based on hydraulic rating and habitat simulation method has been prepared by National Institute of Hydrology (NIH), Roorkee. The same has been submitted to Director-IA-I, MoEF, New Delhi for approval. Since</p>



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		project is under construction & diversion of river has not undertaken yet undertaken and the entire river is flowing through its own naturel course.
7	Inform the details of funds earmarked for CAT Plan implementation, funds released to State Forests Department and subsequently physical achievement in respect of the CAT Plan implementation in the following Performa in due course of time:-	As per HP Govt. notification no. FFE-B-F-(2)-72/2004-PT-II dated 30/09/2009, 2.5% of total project cost has been kept for Catchment Area Treatment Plan which comes out to be Rs. 604.4 million has been deposited in Ad-hoc CAMPA account, New Delhi pertaining to the state vide UTRN: UCBAH12275077542, dated 01/10/2012, submitted to the office of D.F.O, Kinnaur. The CAT plan of the project has been revised by Pr.CCF, HP Forest Deptt. on dated 29/04/2015. An APO of Rs. 7,4002,800/-for FY 2018-19 has sanctioned by HPFD and all amount has been incurred on the various activities mentioned in CAT plan during FY 2018-19. Progress report under CAT plan is attached as <b>Annexure-II</b> . Till Sept., 2019 total Rs.3,04,692/-/- has been utilized about of approved APO of Rs 39,01,700/- for the implementation of CAT Plan out of Rs. 60,44,00,000/-



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S.No.	Funds released by the project authorities till date.	Funds sent by the Forest. Deptt. till date.	Details of Engineering Works done till date	Area covered by plantation and no. of plants planted.
	Rs. 60.44 crores	Progress report under CAT Plan attached as <b>Annexure-II.</b>		
8	Physical and financial progress about implementation of R&R scheme may be updated from time to time. A copy of the R&R Scheme finalized so far may be submitted.		The activities undertaken under R & R plan have been attached as <b>Annexure-III.</b>	
9	A copy of the proceedings/commitments made during the public hearing may be submitted and a plan having physical and financial targets to meet the commitments may be submitted.		Compliance of commitments made during public hearing is attached as <b>Annexure-IV.</b>	
10	Submit latest monitoring reports in respect of Ambient air Quality, Noise level, Ground Water Quality, Bio-Chemical Oxygen Demand (BOD) and Coliform count of surface water etc. carried out by HP SPCB or a private approved lab.		Environment monitoring is being done by the HPSPCB. All the desired monitoring instruments has been procured and handed over to HPSPCB. Copy of monitoring report carried out by the Hp State pollution control board is enclosed as <b>Annexure-V</b> However, one monitoring vehicle is also need to be procured after getting necessary approval from Govt. of H.P	
11	Submit comprehensive physical and financial progress about disbursement of medical facilities by contractor to the workers during the compliance period.		The M/s PEL being the main contractor has constructed Two first Aid Posts. Four Ambulances along with four medical attendants' have also	



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		been deployed at project site. From April to Sept 2019 Contractor has provided Medicine of Rs. 1, 00,439/- and spent Rs. 7, 51,000/-/- on salary of medical attendant and Rs. 6, 95,000/- spent on salary of ambulance Driver & Rs. 7, 10,000/- has been spent on maintenance and insurance of ambulance driver.
12	Submit update details about the quantum of crate works/ wire crate works / breast walls etc. at different dumping sites along with expenditure figures till date.	Total No. of wire crate has been constructed at all Dumping sites from April to June = 153Nos. and July to Sept2019 = 290 Nos . Expenditure occurred for wire crate /CC Cladding work from April to Sept2019 = 39,21,077 Total Provision of EMP = Rs. 16,47,10,000/-
13	Submit information about the no. of dumping sites, their area, their capacities, and the distance from the water course and whether they fall in private area or forest land.	The detailed Muck statement Plan till Sept.2019 has been attached as <b>Annexure-VI</b> .  Out of 10.0944 hectare of land required for dumping yards, 4.158 hectare is in private land and the rest of 5.9364 hectare is in forest land.
14	Submit update figures for allocation of funds for different Environment management Plans along with plan for utilization of funds for next two years.	The same has been submitted vide this office letter no. HPPCL/DGM(R&R)- STKHEP/EC-Vol-I/2014-6779,



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		dated 22/12/2014.	
15	Submit update physical and financial progress about compensatory afforestation in the following Performa:-	HPPCL has deposited Rs. 1, 74, 65, 952/- (Rs. One crore seventy four lac sixty five thousand nine hundred fifty two only) towards the cost of compensatory afforestation as per CA scheme. Progress Report under CA has attached as <b>(Annexure-VII)</b> .	
	<b>Funds released by the project authorities till date.</b>	<b>Funds spent by the forest deptt. Till date.</b>	<b>Location area covered by plantation and no. of plants planted till date.</b>
	Rs. 1, 74, 65, 952/-	Progress Report under CA has attached as Annexure-VI	
16	Update physical and financial progress about Fisheries Development may be submitted indicating the amount to be kept for Fisheries Development.	The 1st Installment of Rs. 35.00 Lakh was released on dated 29/03/2013. Director-cum-warden of fisheries has submitted the Utilization Certificate (UC) of amount Rs. 3.75 lakh on dated 19/08/2016 used for providing solar LED lights at Trout fish farm at Sangla and replacement of sluice valves at Trout fish farm at Sangla. The balance amount Rs. 31.25 lakh is unutilized. 2 <sup>nd</sup> Installment will be released after Utilization Certificate of balance amount is received from Fisheries deptt.	



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17	The information about no. of laborers engaged by different contractors, quantity of free fuel supplied and expenditure incurred may be submitted in the following Performa since the beginning of the project:-			
	<b>Year/Period</b>	<b>No. of Beneficiary</b>	<b>Quantum of free fuel supplied or subsidy provided</b>	<b>Financial expenditure incurred (Rs.)</b>
	April to June .. 2019	511	154Nos. of LPG Cylinders.	2,15,000/
	July to Sept 2018	516	158 ns of LPG cylinders	2,21,000/-
18	The information about no. of laborers medically checked up by different contractors expenditure incurred on medicines and other medical facilities may be submitted in the following Performa:-			
	<b>Year/Period</b>	<b>No. of labourers medically checked contract wise</b>	<b>Expenditure incurred on providing medicines (Rs.)</b>	<b>Expenditure incurred on providing other facilities (Rs.)</b>
	April to June 2019.	NIL	32,676/-	9,70,000/-
	July to Sept. 2019	Nil	67,763/-	11,50,000/-
19	Submit the details of social welfare measures and other schemes being run for the locals and project affected people.		The schemes which has been initiated at project level are as under:-  1. Scheme for involving Community based Organization (CBO) in R&R activities e.g. Mahila Mandal, youth club etc. 2. Competition Scheme for school students and sports tournament scheme.	



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		<p>3. Scheme for organizing one day Training cum Awareness camps.</p> <p>4. Scheme for providing assistance to PAF for self employment.</p> <p>5. R&amp;R Medical Fund scheme.</p> <p>6. Merit and Support scholarship Scheme for the wards of Project Affected People.</p> <p>7. Scheme for Annual Varshik Mela.</p> <p>8. Clearing of Road Blockages at NH-5 and the link roads at Reckong Peo due to heavy snowfall.</p> <p>9. Provided Vehicles for the patients for visiting hospitals in bad weather.</p>
20	Submit the newspaper cutting about the advertisement about environmental clearance in the newspapers.	Already submitted to your office vide letter no. HPPCL/SM(R&R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/2011. <b>The issue stand closed.</b>
21	Submit general information about the project in 13 point data sheet.	Enclosed separately in this report

Hence, submitted for your kind information and further necessary action, please.

Yours faithfully

General Manager,  
Shongtong-Karchham HE Project,  
HPPCL, Reckong Peo,  
Distt. Kinnaur (H.P.)-India





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### **Copy to:-**

1. The Chief Environment Specialist, HPPCL, Himfed Building, BCS, New Shimla -9 for kind information & needful action please.
2. The Divisional Forest officer Kinnaur, Reckong- Peo, Distt. Kinnaur, for information please.
3. The Sr. Environmental Engineer, R.O. HPSPCB-Rampur, Distt. Shimla, for information & needful action please.
4. The Sr. Manager (IT), HPPCL, Himfed Building , BCS, New Shimla -9 with a request to upload the same on HPPCL web site
5. The Assistant Engineer, HPSPCB- Rampur, Distt. Shimla, for information & needful action.
6. The Dy. Assistant Manager, HPSPCB- Rampur, Distt. Shimla, for information & needful action.



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### Ministry of Environment & Forests Northern Regional Office Chandigarh

#### DATA SHEET

1	Project Type	River Valley Project
2	Name of the Project	Shongtong – Karchham HEP
3	Clearance letter (s)/O.M No. & dates:	J-12011/58/2007-IA-I, dated 19/05/2011
4	Location: a) District (s) b) State (s) c) Latitudes /Longitudes	a) Kinnaur b) Himachal Pradesh c) Latitude- 31°32'30" Longitude - 78°16'50"
5	Address for correspondence:	O/o The General Manager, Shongtong – Karchham HEP, HPPCL, Reckong-Peo, Distt. Kinnaur (H.P.)- 172107
6	Salient features: a) Of the project b) Of the environmental Management plans	Desired information already submitted. Please refer letter no. HPPCL/SM(R&R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/2011.
7	Breakup of the project area a) Submergences area: Forest and Non-forest b) Others	a) Submergence Area is 27.7605 hectares. b) Detail of the land for various components of the project has been already submitted vide letter no. HPPCL/SM(R&R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/2011.
8	Break up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only dwelling	A detailed baseline survey of the project area for the formulation of Social Impact Assessment Report was done by Yashwant Parmar Horticulture University, Nauni, Distt. Solan (H.P.) from 2008 to 2010. The public hearing in all the Panchayat's were held in the month of Feb 2011.



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	<p>units and agricultural land and landless labourers /artisans.</p> <p>a) SC/ST/Adivasis b) Others</p> <p>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)</p>	<p>The observations raised by the local residents have been incorporated in the final report. The report has submitted to your office vide this office letter no. HPPCL/SM(R&amp;R)/EC-Vol-I/2012-5543, dated 18/03/2013.</p>
9	<p>Financial details:-</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price reference. b) Allocations made for environmental management plans with item wise and year wise break up. c) Benefit cost ration/internal Rate of Return and the year of assessment. d) Whether (c) includes the cost of environmental management as shown in (b) above. e) Actual expenditure incurred on the project so far: f) Actual expenditure incurred on the environmental management plans so far:</p>	<p>a) Estimated Project Cost (Base cost) – Rs. 2279.16 crores (Dec. 2010 price level)</p> <p>b) And c) Please refer letter no. HPPCL/SM(R&amp;R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/2011.</p> <p>d) Yes</p> <p>e) Expenditure incurred on project till 30/09/2019 is Rs. 1001.297 Crore. Detail is attached as <b>Annexure-VIII</b></p> <p>f) Expenditure incurred on EMP till 30/09/2019 is Attached as <b>Annexure IX</b></p>
10	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non-forestry use. b) The status of tree felling</p>	<p>a) Forest clearance given by MoEF on 14th Nov. 2012, vide F.No. 8-78/2010 FC.</p> <p>b) The tree felling from private land has been completed. However, the tree felling on forest land is under Process</p>



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	<p>c) The status of compensatory afforestation, if any.</p> <p>d) Comments on the viability &amp; sustainability of compensatory afforestation programme in the light of actual field experiences so far.</p>	<p>c) HPPCL has deposited Rs. 1, 74, 65, 952/- (Rs. One crore seventy four lac sixty five thousand nine hundred fifty two only) towards the cost of compensatory afforestation in CAMP A/C of MoEF.</p> <p>d) Progress report under Compensatory Afforestation has been attached as <b>Annexure-VII</b>.</p>
11	<p>The status of tree felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.</p>	<p>The DFO, Kinnaur vide his letter no. 14118 dated 21/01/2015 handed over the possession of tress standing in private land (Lot. No. 4/2015-17) to Divisional Manager, Forest Working Division, HPSFDC Ltd, Rampur for felling. Total 575 trees has been felled from the private land by HPSFDC Ltd.</p>
12	<p>Status of construction:-</p> <p>a) Date of commencement (actual and/or planned)</p> <p>b) Date of completion (actual and/or planned)</p>	<p>a) June 2012 (As per TEC)</p> <p>b) Planed date of completion May 2023.</p>
13	<p>Reasons for the delay if the project is yet to start:-</p>	<p>Construction activities in the project have been started.</p>

**General Manager,  
Shongtong-Karchham HE Project,  
HPPCL, Reckong Peo,  
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