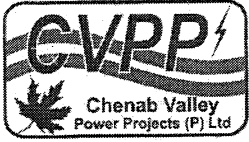


CHENAB VALLEY POWER PROJECTS (P) LIMITED

A Joint Venture of NHPC (A Govt. of India Enterprise), JKSPDC (A Govt. of J&K Undertaking) and PTC India Ltd.



KIRU & KWAR PROJECTS, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206.

CIN:U40105JK2011PTC003321

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website: www.cvppindia.com

CVPP/KK/GM/2017/108

Dated:-31.05.2017

Additional PCCF (Central)
Northern Regional Office,
Ministry of Environment, Forest and Climate Change, GoI,
Bays No. 24-25, Sector 31-A,
Chandigarh- 160030

Fax- 0172 2638135

E-mail: chdmofenv@gmail.com, cdsingh1987@rediffmail.com, singhbharat6989@gmail.com

Sub: Environment Clearance of Kiru HE Project (624 MW) in Kishtwar, J&K: Compliance Report.

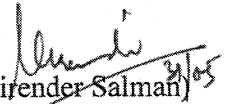
Ref: Environmental Clearance granted to the Project vide letter no. J-12011/32/2008-IA.I dated: 24.06.2016.

Sir,

Kindly find enclosed herewith the six monthly Environment Clearance Compliance Report for Kiru (624 MW) HE Project in District Kishtwar, J&K for the period from October 2016 to March 2017.

Thanking you and Warm Regards.

Yours Sincerely,


(Virender Salman)
Head of Project

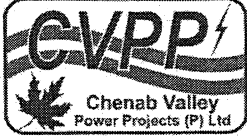
Email: gmkkcvpp@gmail.com

Copy to:

✓ Dr. S. Kerketta, Director, Impact Assessment Division-1
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh Road, Ali Ganj,
New Delhi- 110003
Email: s.kerketta66@gov.in, suna1466@rediffmail.com

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ANNEXURE-I

Six Monthly Environment Clearance Compliance Report (ECCR)

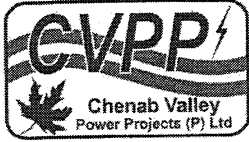
for Kiru HE Project (624MW), in District Kishtwar of J&K State

(October 2016 to March 2017)

1	Name of Project	Kiru HE Project (624 MW)
2	Type of Project	Hydro Electric Project
3	Clearance letters OM No. and date (a) Environment Clearance (b) Forest Clearance	(a) Letter no. J-12011/32/2008-IA.I dated 24.06.2016. (b) Letter no. 143- FST of 2016 dated 19.05.2016 of GoJK (for 82.05 Ha land)
4	Locations (a) District (s) (b) State (c) Latitude (d) Longitude	(a) Kishtwar (b) Jammu and Kashmir (c) 33°20'37"N (d) 75°57'34"E
5	Address for Correspondence (a) Address of concerned Project Head (with Pin code, Telephone/Fax no.) (b) Address of concerned HOD in Corporate Office (with Pin code, Telephone/Fax no.)	(a) Chief Engineer (HOP), Kiru & Kwar HE Projects, Chenab Nagar-II, Kishtwar, J&K. Pin code- 182206 Telephone:- 01995259505 Email: gmkkcvpp@gmail.com (b) Managing Director, 2 nd Floor, JKPCC Building, Rail Head Complex, Panama Chowk, Jammu- 180006, J&K

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		Phone/ Fax: 0191 2479826/ 2479835																														
6	Detail of Environmental Management Plan	<p>Environmental Management Plans to be implemented at the project are:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>EMP</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Biodiversity Conservation & Management Plan</td> </tr> <tr> <td>2.</td> <td>Catchment Area Treatment Plan</td> </tr> <tr> <td>3.</td> <td>Fisheries Development Plan</td> </tr> <tr> <td>4.</td> <td>Solid Waste Management Plan</td> </tr> <tr> <td>5.</td> <td>Public Health Delivery System</td> </tr> <tr> <td>6.</td> <td>Energy Conservation Measures</td> </tr> <tr> <td>7.</td> <td>Muck Disposal Plan</td> </tr> <tr> <td>8.</td> <td>Landscaping & restoration Plan</td> </tr> <tr> <td>9.</td> <td>Air & Water Management Plan</td> </tr> <tr> <td>10.</td> <td>Reservoir Rim treatment Plan</td> </tr> <tr> <td>11.</td> <td>Compensatory Afforestation plan</td> </tr> <tr> <td>12.</td> <td>Rehabilitation & Resettlement Plan</td> </tr> <tr> <td>13.</td> <td>Environmental Monitoring Programme</td> </tr> <tr> <td>14.</td> <td>Disaster Management Plan</td> </tr> </tbody> </table>	S. No.	EMP	1.	Biodiversity Conservation & Management Plan	2.	Catchment Area Treatment Plan	3.	Fisheries Development Plan	4.	Solid Waste Management Plan	5.	Public Health Delivery System	6.	Energy Conservation Measures	7.	Muck Disposal Plan	8.	Landscaping & restoration Plan	9.	Air & Water Management Plan	10.	Reservoir Rim treatment Plan	11.	Compensatory Afforestation plan	12.	Rehabilitation & Resettlement Plan	13.	Environmental Monitoring Programme	14.	Disaster Management Plan
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14.	Disaster Management Plan																															
7	Breakup for Project area (Land details)	<p>Forest Land: 82.05 ha Private Land: 36.2725 ha State Land: 51.27 ha Total Land: 169.5925 ha</p>																														
8	Breakup of Project affected population with enumerations of those losing house/dwelling units only, agriculture land only, both house and agriculture land and landless labours / artisians.	<p>No of affected villages:- 3 Total PAFs:- 141 PAFs losing house & Land: - 91. PAFs losing house only: - 01. PAFs losing Land only: - 19. PAFs losing Kotha only: - 25. PAFs losing Kotha & Land: - 01. PAFs losing Shop only: - 02. PAFs losing Shop & Land: - 02.</p>																														

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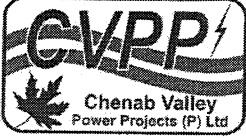
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website: www.cvppindia.com

	(a) SC/ST/Adivasis (b) Others	(a) Scheduled Tribe:- 140 families.
9	Financial Details (a) Project cost as originally planned and subsequent revised estimates and the year of price reference (b) Actual expenditure incurred on the Project so far (c) Allocation made for Environment Management Plan (d) Actual expenditure incurred on EMP so far	Project cost: 4746.69 Cr (May-2016 PL) TEA approved: 4640.88Cr (Sep-2016 PL) Actual expenditure: 48.1956 Cr (till Feb 2017) NHPC Liability transfer to kiru: 54.82Cr Total=48.1956+54.82= 103.0156 Cr Allocations for EMP: 162.43 Crs Actual expenditure incurred on EMP: Work yet to start.
10	Forest Land Requirements (a) Status of approval diversion of Forest Land for non-forestry use (b) The status of clear felling of trees in Forest Land	(a) Forest clearance for diversion of 82.05 Ha forest land on both banks of river from GoJK obtained vide Order no. 143- FST of 2016 dated 19.05.2016 (b) Clear felling status: The case for Tree felling is in process with Forest department and felling shall be started shortly.
11	Status of Construction (a) Date of commencement (actual and/or planned) (b) Date of completion (actual and/or planned)	(a) Date of commencement (planned) : End of September 2017. (b) Date of completion (planned): 54 months from the start of major works.

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12	Reasons for the delay (If the Project is yet to be started)	Tendering in Packages (LOT-1, LOT-2, LOT-3) is in process.
13	Details of Site visits (a) By Monitoring Committee (b) By Regional Office	Nil Nil
14.	Brief note on the status of compliance of the conditions stipulated by MOEF&CC	Details are enclosed as Annexure-II.

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ANNEXURE-II

Status of Compliance to the conditions stipulated by MoEF&CC, Govt. of India vide Environmental Clearance letter no. J-12011/32/2008-IA-1 dated 24.06.2016 and Corrigendum to EC dated 29.07.2016.

S. No.	Specific Conditions	Compliance Status
i	The Catchment Area Treatment Plan (CAT) as has been proposed in the EMP shall be strictly implemented in consultation with the J&K State Forest Department. Major works of CAT shall be completed before impounding of reservoir. The CAT plan will be implemented in 5 years. Financial allocation of Rs. 1883.82 lakhs for CAT plan implementation shall be fully utilized and the same shall not be diverted for any other purpose.	Shall be complied
ii	R&R benefits for the land losing households will be as per NRRP-2007 & J&K state Govt. Adequate publicity of the compensation package should be circulated in the affected villages. However, this is to be compared with the state Rehabilitation and Resettlement policy, and the more beneficial policy is to be adopted for the PAF's. All R&R issues shall be completed before commissioning of the project.	The R&R Plan of Kiru HE Project was submitted to DC Kishtwar on 12.07.2016. The updated R&R plan was submitted by DC Kishtwar to Divisional Commissioner, Jammu on 17.03.2017 for approval of GoJK. The R&R plan approved by J&K State Government.
iii	Implementation of R&R plan shall have to be closely monitored by the state authority and is to be ensured that all PAF's shall get adequate & timely compensation.	Shall be complied The same shall be implemented once approved.
iv	A Monitoring Committee for R&R should be constituted which shall include representatives of project affected persons from SC/ST category and a woman beneficiary.	Shall be complied
v	All the commitments made during the public hearing should be fulfilled completely by project proponent and record maintained.	Shall be complied

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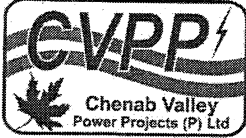
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vi	A minimum environmental flow of 16.33 cumec (20%) during lean season (December to March), 73.37 cumec (10%) during monsoon season (June to September) and 16.62 cumec (10%) during remaining four months (October – November & April – May) shall have to be maintained. Continuous monitoring system for the flow measurement shall be installed and data be displayed at appropriate site for civil society and stake holders. Six monthly results shall be submitted to the Regional office of the Ministry.	Shall be complied
vii	Dumping and consolidation/compaction of the muck shall be carried-out in the designated muck dumping sites as submitted in the EIA/EMP report. As per the proposed muck disposal plan given in EMP, out of the 25.78 lakh cubic meter of muck to be generated, 8.36 lakh cubic meter will be utilized for construction purpose and remaining 17.42 lakh cubic meter will be dumped at four designated disposal sites in an allocated area of 28.22 ha. The dumping sites shall be more than 30m away from the HFL of the river & the toe walls for muck disposal sites shall be constructed at least 30m away from HFL of river. Allocated grant of Rs. 1697.57 lakhs shall be fully utilized and not to be diverted for any other purpose.	Shall be complied
viii	Proposed Compensatory Afforestation Programme in 164.10 ha of degraded forest area shall be undertaken in consultation with State Forest Department. Allocated grant of Rs. 1036 lakh shall be fully utilized and not to be diverted for any other purpose.	Shall be complied The compensatory afforestation shall be carried out by Forest Department under CAMPA.
ix	To enhance the quality of environment of project site, green belt, as proposed in EMP report, shall be developed. The proposed green belt along the project appurtenances shall be undertaken in consultation with State Forest Department. The allocated budget of Rs 28.78 lakhs shall be fully utilized for this purpose and not to be diverted for any other purpose.	Shall be complied
x	Proposed Biodiversity Conservation & Management plan as outlined in the EMP shall be implemented with State Forest Department. The allocated budget of Rs. 139.80 lakhs for this purpose shall be fully utilized and shall not be diverted for any other purpose. Proposed Reservoir Rim Treatment Plan with both biological and engineering measures shall be implemented	Shall be complied

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	strictly. Allocated amount of Rs. 620.17 lakhs should be fully utilized and shall not be diverted for any other purpose.	
xi	The Fisheries Development Plan as proposed in the EMP shall be implemented completely in consultation with the State Fisheries Department. As proposed, a fish hatchery shall be developed in 2 ha of area for development of fingerlings for stocking of reservoir and river. The budget of Rs. 798.59 lakhs provided for fisheries development plan should be fully utilized for this purpose and shall not be diverted for any other purpose.	Shall be complied
xi(a)	The total project cost is Rs 4640.88 crores and EMP budget is Rs 147.32 crores is about 3.2%. The overall EMP budget should be raised to 3.5% (i.e 162.43 crores) of the project cost.	Shall be complied
xii	As mentioned in EIA, 15 coldwater fish species have been identified in the river stretches including 2 exotic species, therefore, e- flow to be maintained for the downstream river depth, wetter perimeter, water quality and minimize fluctuation in ambient temperature during extreme conditions.	Shall be complied The stipulated seasonal e-flows shall be maintained.
xiii	To maintain flourishing fish population/communities in the river, the river must witness all seasonal changes including low flow levels during lean season to maximum during monsoon/floods/high rains.	Shall be complied with release of the stipulated e-flows.
xiv	Skill mapping of the area to be conducted, mentioning the skills inherent of the local people, skill requirement of the project and the best ways to develop the skills in the local people so that the locals can be employed in the project.	Shall be complied
xv	Use of 82.05 ha of forest land for construction of Kiru HEP by CVPP has been granted by Govt. of J&K vide no. 143-FST of 2016 dated 19.05.2016. The project proponent shall adhere to terms and conditions of this Government order strictly.	Shall be complied
xvi	Any other clearances required from any other concerned authorities should be obtained before commencement of works and commissioning of the project, as applicable.	Shall be complied

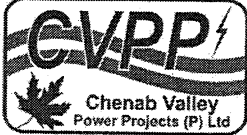
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General Conditions

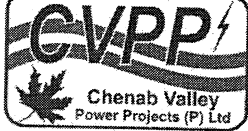
i	Adequate arrangements for ensuring availability of fuel like kerosene/LPG shall be provided at the project cost for the labourers to be engaged during construction work so that Indiscriminate felling of trees is prevented. The energy conservation measures as provided in EMP shall be fully implemented.	Shall be complied
ii	Medical facilities as well as recreational facilities shall also be provided to the labourers.	Shall be complied
iii	The labourers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit. Periodic health check up during construction period may also be taken up.	Shall be complied
iv	Water sprinkling arrangements shall be made to suppress fugitive emissions/ dust.	Shall be complied
v	Potable drinking water and proper sanitary facilities shall be provided for the labour force. Also proper disposal facilities for solid waste are to be ensured.	Shall be complied
vi	Restoration of construction area including muck dumping sites shall be ensured by leveling, filling up of borrow pits, landscaping, etc. The area should be properly planted to develop good greenery in the area.	Shall be complied
vii	Environmental parameters shall be monitored and "Six monthly monitoring reports" shall be submitted to the Ministry of Environment, Forest & Climate change, New Delhi including its Regional office for their review.	Shall be complied
viii	Solid waste management & sanitation facility will have to be provided for the labour force.	Shall be complied
ix	Disaster management plan as provided in EMP shall be implemented in consultation with the District Authorities and early warning system shall be installed.	Shall be complied

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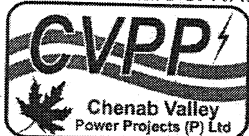
Fax no. 01995-259505

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x	An Environmental Management Cell (EMC) shall be constituted at the project level with sufficient manpower. The head of the EMC shall report directly to the head of the project for speedy implementation of EMP & related issues.	Shall be complied
Other Conditions mentioned in the EC Letter:		
5.	The project proponent shall provide full cooperation and provide all requisite documents/data to the officials from concerned Regional Office of the Ministry who would be monitoring the implementation of environmental safeguards and to undertake inspection.	Shall be complied
7.	Besides the above stated conditions, the project proponent shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time.	Shall be complied
8.	The EMP shall be strictly adhered to and a sum of Rs. 162.43 crores, the budgetary provisions for the implementation of EMP, shall be fully utilized and shall not be diverted for any other purpose.	Shall be complied
9.	In case of change in the scope of the project, the same may be intimated to the Ministry and a fresh approval, if required, shall be taken from the Ministry.	Shall be complied, if required.
12.	A copy of clearance letter shall be marked to concerned Panchayat/Zila Parishad/Municipal Corporation, Urban Local Body and local NGO, if any, from whom any suggestion/representations were received while processing the proposal.	Complied
14.	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of the clearance letters are available with State Pollution Control Board/Committee and may also be seen at website of MoEF&CC.	Complied. The advertisement was published in two news papers viz: 1. Daily Excelsior (English) dated 30.06.2016 and 2. Daily Udaan (Urdu) dated 30.06.2016.
15.	The project proponent shall also submit six monthly reports on the status of compliance of stipulated EC conditions including the results of monitored data (both in hard copies as well as by e-mail) to respective Regional Office of MoEF&CC.	Being Complied.

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16.	After five years of commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and over the downstream ecology of the project. The study shall be undertaken by independent agency to be decided in consultation with the Ministry.	Shall be complied
17.	A Multi Disciplinary Committee for monitoring the implementation of environmental safeguards during construction shall be constituted by the project proponent in consultation with the MoEF&CC, New Delhi within six weeks of the issue of the EC letter. The committee shall meet every six month to review the status of implementation of EC conditions in general and monitoring of E-flow and stability and effectiveness of muck dumping sites in particular.	Being Complied The proposal for constitution of Multi Disciplinary Committee was submitted to MoEFCC on 12.07.2016.

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m/s