

Ref: KHEP/RMoEF&CC-HYR/20171207

Date: 07.12.2017

To

**The Additional Principal Chief Conservator of Forests (C),**  
Ministry of Environment, Forest & Climate Change  
North Eastern Regional Office  
Law-U-sib, Lumbatngen,  
Near MTC Workshop,  
Shillong-793 021

**Sub: Kangtangshiri HEP (75 MW) Project, Arunachal Pradesh- Submission of Six Monthly - Compliance for the period ending Sep,17 (April to Sep 2017) Status of Stipulations of Environmental Clearance.**

**Ref: Ministry of Environment, Forests & Climate Change Letter No. J-12011/35/2010-IA.I. Dated: 22-02-2016.**

Dear Sir,

With reference to the above cited letter, we are pleased to submit the "Six Monthly Progress Report" of 75 MW Kangtangshiri Hydro Electric Project for the period ending Sep, 2017. We will be please to provide any additional information, if required.

Thanking You  
Yours Sincerely,  
For Kangtangshiri Hydro Power Pvt. Limited



**Authorized Signatory**

**Encl:-**

- i. The Member Secretary, State Pollution Control Board, Itanagar, Itanagar, Arunachal Pradesh- 791 111.

**Six Monthly Compliance Report  
of  
Environmental Clearance  
Kangtangshiri Hydro Electric Project (75 MW)  
West Siang Dist., Arunachal Pradesh**



**Submitted to:**

**Regional Office, North East  
Ministry of Environment, Forest & Climate Change (MoEF&CC) &  
State Pollution Control Board, Arunachal Pradesh**

**Submitted By:**

**M/s Kangtangshiri Hydro Power Pvt. Limited**

Registered Office: Plot No 1071, Road No. 44, Jubilee Hills, Hyderabad-500033, Telangana

**Period: "April 2017 to September 2017"**

**Brief details of the Project**

1.	NAME OF THE PROJECT	Kangtangshiri HEP (75 MW), West Siang Dist., Arunachal Pradesh
2.	Type of the Project	River Valley Project
3.	Clearance Letter(s) OM No. & Date a) Environment Clearance b) Forest Clearance (Stage-I from RMoEF&CC)	a. J-12011/35/2010-IA.I, Dated 22.02.2016 b. No.3-AN C 045/2013-SHI/266-65-67 dated 29.12.2015
4.	Locations a) District b) State c) Latitude d) Longitude	River Yargyap chu a tributary to Siyom Near Kangtangshiri Village and 9 Km from Mechuka Town  West Siang District  Arunachal Pradesh 28 <sup>0</sup> 33'N to 28 <sup>0</sup> 34'N 94 <sup>0</sup> 11'E to 94 <sup>0</sup> 13'E
5.	Address for correspondence a) Address of concerned project head (with pin code and telephone/fax nos.)  b) Address of concerned person in corporate office (with pin code & telephone /fax no.)	Ramana Murthy S.V C/o Reli Kato H.No-2; Near higher Secondary School Sipu Puyi Colony Along (Alo) West Siang (Dist.) Arunachal Pradesh- 791 001 Gopi Krushna Nikku Plot no. 1071, Road no. 44, Jubilee Hills, Hyderabad – 500 033, Telangana State, Ph: +91 (40) 4030 1000
6.	Status of construction	Yet to start construction, project is yet to get final forest and other clearances.

**“Six Monthly Progress Report” for the period ending Oct 2017”****Environment Clearance: No. J-12011/35/2010-IA.I, Dated 22<sup>nd</sup> February, 2016**

S. No	Project conditions	Compliance
<b>5. Part - A: Specific conditions</b>		
i	The Catchment Area Treatment (CAT) Plan as has been proposed in EIA/EMP Report shall be undertaken in consultation with State Forest Department.	Noted, the project has received in-principle forest clearance (Stage-I), yet to get Stage-Stage-II forest Clearance. Catchment Area Treatment Plan shall be implemented by the state Forest Department as per the provisions kept under approved EMP
ii	The details of the land holding of project affected persons whose land is being acquired shall be submitted to this Ministry including Regional Office. The R&R benefits for the land losing households will be as per the Right to Fair Compensation and Transparency in land acquisition. Rehabilitation & Resettlement Act. 2013 or as per the State Rehabilitation and Resettlement Policy 2008 whichever is higher. Adequate publicity of the compensation package shall be given in the affected villages. All R&R issues shall be completed before commissioning of the project.	The land acquisition of the project is under initial stage. Land holding of the PAFs shall be submitted to Ministry, once finalisation of PAFs by district authorities under Land Acquisition.
iii	A Monitoring Committee for R&R shall be constituted which shall include representatives of project affected persons including representative from SC/ST category and a woman beneficiary.	The project is yet to go for construction.  Noted for Compliance
iv	All the commitment made during the public hearing should be fulfilled completely by the developer.	Noted for Compliance

S. No	Project conditions	Compliance
v	<p>Consolidation and compaction of the generated muck should be carried-out in the muck dumping sites and the dumping sites shall be above high flood level and horizontally 30 m from the tip of the level during high flood. The project is likely to generate 8.80 lakh m<sup>3</sup> muck (with swelling factor) due to construction. Out of which 5.38 lakh m<sup>3</sup> is to be utilized as construction purpose and remaining 3.64 lakh m<sup>3</sup> will be dumped in 4 designated dumping sites in an area of 5 ha. A management plan for restoration of this site has been provided. An amount of &lt;150 lakhs have been allocated for this purpose shall be fully utilized and not to be diverted for any other purpose</p>	Noted for Compliance
vi	<p>The Siang River Basin Study has recommended 20% as environmental flow in all seasons. However, a minimum environment flow of 2.82 cumec shall be released during lean months. 9.66 cumec during intermediate season and 22.68 cumec during monsoon seasons of the year 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 stakeholders Six monthly results shall be submitted to the Regional office of the Ministry and SPCB.</p>	Noted for Compliance
vii	<p>Real time telemetry and data acquisition system including all weather hydro meteorological stations shall be installed for in-flow monitoring and advance flood warning. Advance flood warning and advance communication system shall be installed in consultation with the downstream District Authorities.</p>	Noted for Compliance

S. No	Project conditions	Compliance
viii	Proposed Compensatory Afforestation Programme in 37.12 ha of land Biodiversity Conservation Plan shall be undertaken in consultation with State Forest Department. Allocated grant of ₹129.76 lakhs shall be fully utilized for this purpose and not to be diverted for any other purpose.	Noted for Compliance
ix	To enhance the environment of project site, greenbelt, as proposed in the EIA/EMP Report shall be developed. The proposed greenbelt development in around various project appurtenances & selected stretches along reservoir periphery shall be strictly adhered to. Allocated grant of ~50 lakhs shall be fully utilized for this purpose and not to be diverted to any other purpose.	Noted for Compliance
x	The fishery conservation and management plan in an area of 9.5 ha as proposed in EMP shall be implemented completely in consultation with the Fisheries Department. Government of Arunachal Pradesh. As proposed a fish hatchery for development of fingerlings of indigenous species shall also be taken-up with Fisheries Department. A budget of ₹150 lakhs provided for fishery conservation and management plan should not be diverted for any other purpose	Noted for Compliance
xi	The proposed Local Area Development with an allocated budget of ₹ 304 lakhs shall be implemented fully and funds allocated for this purpose should not be diverted for any other purpose	Noted for Compliance

S. No	Project conditions	Compliance
xii	The equipment likely to generate high noise levels shall meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.	Noted for Compliance
xiii	Any other clearance required from any other organization/department if required shall be obtained before commencing the project.	Noted for Compliance
<b>Part-B: General Conditions</b>		
i	Adequate free fuel like kerosene/wood/LPG shall be made for the labour force engaged in the construction work at the project cost so that indiscriminate felling of trees is prevented. Fuel depot may be opened at the site to provide the fuel (Kerosene/LPG).	Noted for Compliance
ii	Medical facilities as well as drinking water and recreational facilities shall also be provided to the labourers.	Noted for Compliance
iii	The labourers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit	Noted for Compliance
iv	No fugitive dust emissions should be observed at the construction sites. Water sprinkling arrangements shall be made to suppress the fugitive emissions	Noted for Compliance
v	Potable drinking water and proper sanitary facilities shall be provided for the labour force and also proper disposal facilities for solid waste are to be ensured	Noted for Compliance

S. No	Project conditions	Compliance
vi	Restoration of construction area including dumping sites of excavated materials shall be ensured by levelling, filling up of borrow pits, landscaping etc. The area should be properly treated with suitable plantation.	Noted for Compliance
vii	Environmental Parameters shall be monitored and "Six monthly monitoring reports" shall be submitted to the concern Regional Office of the Ministry of Environment, Forest & Climate Change and State Pollution Control Board for their review.	Noted for Compliance
viii	A Multi-Disciplinary Committee (MDC) to monitor environmental safeguards during the construction shall be constituted. Six monthly monitoring Report of this Committee shall be displayed on web-site of the proponent.	Noted for Compliance
ix	Disaster Management Plan shall be prepared in consultation with District Authorities and early warning telemetric system shall be installed	Noted for Compliance
6	The Project Proponent shall provide full cooperation and provide all required documents /data to the Officials from concerned Regional Office of the Ministry who would be monitoring the implementation of environmental safeguards.	Noted for Compliance
7	The responsibility of implementation of environmental safeguards rests fully with the project Proponent & Government of Arunachal Pradesh	Noted for Compliance
8	In case of change in the scope of the project, the same shall be intimated to the Ministry and fresh approval, if required shall be taken from the Ministry	Noted

S. No	Project conditions	Compliance
9	Besides the above stated conditions, the Project Proponent and Government of Arunachal Pradesh shall also implement all other environmental safeguards as proposed in EIA/EMP report and other reports from time to time.	Noted
10	The Environmental Management Plan (EMP) shall be strictly adhered-to and a sum of ₹4382.66 lakhs, the budgetary provisions for implementation of EMP shall not to be diverted for any other purpose.	Noted for Compliance
11	The Ministry reserves the right to add additional safeguard measures subsequently if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986. to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner	Noted
12	Environmental Clearance is valid for a period of 10 years from the date of issue of this letter for commencement of construction work.	Noted
13	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO. if any from whom any suggestion/representations has been received while processing the proposal.	Noted and complied
14	State Pollution Control Board/ Committee shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's /Tehsildar's Office for 30 days.	Noted and complied

S. No	Project conditions	Compliance
15	<p>The project proponent shall advertise within 7 days 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 clearance letters are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment, Forest &amp; Climate Change</p>	<p>Noted</p> <p>The advertisement regarding the issue of Environmental Clearance for project was published in following news papers</p> <ol style="list-style-type: none"> <li>1. Echo of Arunachal on 13.03.16</li> <li>2. Eastern Sentinel on 18.03.16</li> <li>3. Echo of Arunachal on 23.03.16</li> </ol>
16	<p>After 5 years of the commissioning of the Project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency to be decided in consultation with the Ministry.</p>	<p>Noted for Compliance</p>
17	<p>A multi-disciplinary Committee (MDC) for monitoring the implementation of environmental safe guards during construction shall be constituted by the project proponent (PP) in consultation with the Ministry as early as possible. A panel may be proposed by the PP and submitted to Ministry and the Government of Arunachal Pradesh. The project proponent shall organize six monthly meetings of the Committee and submit the monitoring report to the Ministry.</p> <p>The MDC will monitor specifically, the stability and effectiveness of muck dumping site during all visits and monitor it &amp; suggest remedial measures, if so required.</p>	<p>Noted for Compliance</p>

	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred. Within a period of 30 days from the date of issue. as prescribed under Section-10 of the National Green Tribunal Act, 2010.	
18	The Regional Office will monitor all environmental parameters encompassed in the EMP. Specially effectiveness and stability of muck disposal sites and ensure release of environmental flow etc. These will be separately reported by Regional Office in their six monthly reports to be submitted to MoEF & CC, New Delhi.	Noted for Compliance
19	Government of Arunachal Pradesh shall also ensure compliance and any violation of EC conditions during construction & commissioning shall be brought to the notice of MoEF & CC by Government of Arunachal Pradesh immediately for necessary action.	Noted for Compliance