



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- 5002-06

Dated:- 07/12/2022

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. R. K Chaudhari 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 Headquarters of Kinnaur (H.P.)



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		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 Annexure - I
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.	Forest land diverted – 63.5015 Hectares. Forest clearance given by MoEF on 14 th Nov. 2012, vide F.No. 8-78/2010 FC. Addl. case for diversion of 7.3722 ha. is in advanced stage of getting clearance
6	Action Taken or proposed to be taken to release minimum environmental flow of water in the river during lean season.	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 project is under construction & diversion of river has not



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				undertaken yet undertaken and the entire river is flowing through its own natural 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. During the reporting period HP forest department HP has not reported or submitted any progress report wjhereas an The Progress is same as previous Quarter amounting to Rs 1,61,48,913 submitted by DFO Kinnaur plan is attached as . Till March 31 st March 2022
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	No Progress report under CAT Plan is reported during this quarter by HP Forest Departmeny		



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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 Annexure-II
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 Annexure-III .
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 Annexure-IV 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 been deployed at project site. From "April" to Sept 2022 Contractor has provided Medicine of Rs. 1,07,826/- and spent Rs. 8,72,465/- on salary of medical attendant and Rs. 9,53,153/- spent on salry of ambulance Driver &. Rs. 9,60,000/-has been spent on maintenance and insurance of



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		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 = 306Nos. and July to Sept2022 = 387 Nos . Expenditure occurred for wire crate /CC Cladding work from April to Sept2022 = 66,02,723/- 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 Sept2022 has been attached as Annexure-V . 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, 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



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		Report under CA has attached as (Annexure-VI).
Funds released by the project authorities till date.	Funds spent by the forest deptt. Till date.	Location area covered by plantation and no. of plants planted till date.
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 nd 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:-
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Year/Period	No. of Beneficiary	Quantum of free fuel supplied or subsidy provided	Financial expenditure incurred (Rs.)
April to June	466	139Nos. of LPG Cylinders.	253810



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2022 July to Sept 2022	466	114 ns of LPG cylinders	208054													
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:-															
	<table border="1"> <thead> <tr> <th data-bbox="151 638 406 840">Year/Period</th> <th data-bbox="406 638 805 840">No. of labourers medically checked contract wise</th> <th data-bbox="805 638 1157 840">Expenditure incurred on providing medicines (Rs.)</th> <th data-bbox="1157 638 1522 840">Expenditure incurred on providing other facilities (Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="151 840 406 974">April to June 2022</td> <td data-bbox="406 840 805 974">NIL</td> <td data-bbox="805 840 1157 974">52,144</td> <td data-bbox="1157 840 1522 974">14,41,645</td> </tr> <tr> <td data-bbox="151 974 406 1086">July to Sept 2022</td> <td data-bbox="406 974 805 1086">Nil</td> <td data-bbox="805 974 1157 1086">55682</td> <td data-bbox="1157 974 1522 1086">13,43,973/-</td> </tr> </tbody> </table>	Year/Period	No. of labourers medically checked contract wise	Expenditure incurred on providing medicines (Rs.)	Expenditure incurred on providing other facilities (Rs.)	April to June 2022	NIL	52,144	14,41,645	July to Sept 2022	Nil	55682	13,43,973/-			
Year/Period	No. of labourers medically checked contract wise	Expenditure incurred on providing medicines (Rs.)	Expenditure incurred on providing other facilities (Rs.)													
April to June 2022	NIL	52,144	14,41,645													
July to Sept 2022	Nil	55682	13,43,973/-													
19	Submit the details of social welfare measures and other schemes being run for the locals and project affected people.		<p>The schemes which has been initiated at project level are as under:-</p> <ol style="list-style-type: none"> 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. 3. Scheme for organizing one day Training cum Awareness camps. 4. Scheme for providing assistance to PAF for self employment. 5. R&R Medical Fund scheme. 6. Merit and Support 													



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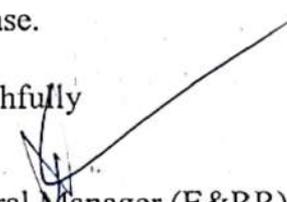
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		scholarship Scheme for the wards of Project Affected People. 7. Scheme for Annual Varshik Mela. 8. Clearing of Road Blockages at NH-5 and the link roads at Reckong Peo due to heavy snowfall. 9. Provided Vehicles for the patients for visiting hospitals in bad weather.
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. The issue stand closed.
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


Dy. General Manager (E&RR),
Shongtong-Karchham HEP,
HPPCL, Reckong Peo,
Distt. Kinnaur (H.P.)-India

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. Manager (IT), HPPCL, Himfed Building , BCS, New Shimla -9 with a request to upload the same on HPPCL web site
4. The Assistant Engineer, HPSPCB- Rampur, Distt. Shimla, for information & needful action.

Conditions stipulated under Environmental Clearance

Part A	Compliance Status					
<p>(i) The following Catchment Area Treatment Plan, as proposed in the EIA/EMP Report shall be completed in 5 years-</p>	<p>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. 701.95 millions. Out of which 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. During the reporting period HP forest department HP has not reported or submitted any progress report whereas the Progress is same as previous Quarter amounting to Rs 1,61,48,913 submitted by DFO Kinnaur up to March 31st March 2022</p>					
Treatment Measures	I	II	III	IV	V	Total
	Year	Year	Year	Year	Year	
A) Biological Measures						
Afforestation /Gap	81	80	80	80	80	401
Plantation (ha.)						
Pasture Development (ha.)	476	475	470	470	470	2361
Nursery Development (nos.)	5	5	-	-	-	10
B) Engineering Measures						
Step Drain (Rmt.)	57	57	57	57	57	285
Check Dams (nos.)	5	5	5	5	5	25
<p>(ii) The details of the land holding of project affected persons whose land is being acquired shall be submitted to this Ministry. The benefits for the land losing households will be as per the National Rehabilitation and Resettlement Policy, 2007 (NRRP, 2007) or as per the State Rehabilitation and Resettlement Policy, whichever is higher. Adequate publicity for the compensation package shall be given in the affected villagers. All R&R Issues shall be completed before commissioning of the Project.</p>	<p>The benefits to the land losers have been given as per Rehabilitation and Resettlement of HPPCL duly approved and notified by Govt. of Himachal Pradesh. The details of benefits have been submitted to your office vide this office letter no. HPPCL/SM(R&R)/EC-Vol-I/2012-5543, dated 18/03/2013.</p>					

<p>(iii) All commitments made during the public hearing shall be fulfilled completely.</p>	<p>Project proponent is abiding with the commitments made during the public hearing and status of the compliance to public hearing is being reported separately in the report as Annexur III.</p>
<p>(iv) A scientific study from a reputed institute for deciding the minimum environmental flow to be released during the lean season should be undertaken. Till the study is completed, 20 % of the average flow of four consecutive leanest months of 90% dependable year shall be maintained as environmental flow. After the study is completed, whichever is higher figure shall be adopted.</p>	<p>The project proponent has complied with this condition. The environmental flow assessment study has been conducted by NIH Roorkee. The EAC in its meeting held on 10th and 11th December, 2013 desired to have presentation on Environment flow study. The presentation was given by project proponent before the EAC on 16 October, 2014. The EAC observe that Environment flow study was carried out in accordance with the Flow duration curve method. While this is generally in order but for further clarity the same should be carried out through Hydraulic rating and Habitat Simulation method. The technique shall factor the need of aquatic faunal population. Also the adequacy of environmental flow in terms of depth, velocity and top width needs to be checked and proposed a fresh. Accordingly the environment flow study has been revised as desired by EAC and submitted to MoEF for approval.</p>
<p>(v) The equipment likely to generate high noise level during the construction period or otherwise shall meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under Environment Protection Act. (EPA), 1986.</p>	<p>The equipment likely to generate high noise level during the construction period in the project area meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010. In compliance to this condition acoustic enclosures on all DG sets have been provided by the main contractor i.e. M/s Patel Eng. Ltd.</p>

(vi) Consolidation and compilation of the muck shall be carried-out only in the designated muck dumping sites, approved by the State Pollution Control Board. As per the proposed muck disposal plan given in your EIA/EMP, about 3.57Mm³ Will be generated out of which 0.47 Mm³ will be reutilized for back filling and 1.05 Mm³ as construction material/protection works and remaining 2.04 Mm³ shall be disposed off at 8 designated disposal areas. This shall be strictly implemented. The dumping sites shall be at least 30m horizontally away from the high flood level of the river.

The project proponent is committed to comply this condition. However, the reduction in the capacity of dumping sites has occurred due to geographic changes occurred in the course of river by the passage of time, muck dumping of excavated material during widening of NH -5 & PWD roads by BRO and PWD respectively and removal of landslides material occurred in the vicinity and dumping in the designated dumping sites from time to time due to which the capacity of dumping site has decreased. to address the issues a committee comprising of HPPCL Officers and M/s PEL Executives as enlisted below was constituted by the GM-STKHEP vide loose note dated 29 Oct., 2016 to re-assess the capacity of all the designated dumping sites handed over to M/s PEL and to explore the possibility for their optimum utilization. To mitigate the muck dumping problem, efforts are being made to identify additional areas for dumping within the project area as well as beyond the project area. in this process, some prospective land belonging to the Army Authorities was identified for muck dumping within project area. in addition to this private land is being identifying in Ribba/Skibba village upstream of the project area. After finalization of the land and getting necessary approvals the revised muck management plan will be prepared and submitted to MoEF for approval.

(vii) The proposed Compensatory Afforestation Programme on 128 ha. Of land with identified plant species @ 1500 plants per hectare shall be taken-up immediately. The allocated funds for this purpose shall not be diverted to any other purposed.

The HPPCL has deposited the requisite cost towards CA with Department of Forest, Govt. of HP amounting to Rs. 1, 74, 65,952/- (One crore seventy-four lakhs sixty-five thousand nine hundred and fifty two) only vide DD No. 630072 dated 02.04.2011 (worth Rs. 7, 44, 26,798/- including amount for NPV) drawn on Reckong Peo branch of State Bank of India vide their letter No. HPPCL/GM-STKHEP/Forest/ 2010-24-27, dated 02.04.2011 as per the bill issued by DFO Kinnaur vide letter No 9216 dated 30.03.2011. Physical and progress of revised APO for Compensatory Aforestation received

	from DFO Kinnaur is attached as Annexure-VI The allocated fund for this purpose has not been diverted to any other purpose.
(viii) Greenbelt development in 40 ha of land along the approach roads, residential areas, office complex, barrage site and other working areas with various native plant species shall be undertaken immediately. The allocated budget of Rs. 40 lakhs for this purpose shall not be diverted to any other purpose.	The Greenbelt development will be taken up in consultation with HP Forest Department shortly after the completion of civil work.
(ix) The revised Fisheries Management Plan submitted vide letter NO. HPPCL/ESMU-2/Shongtong/09-1658-61 dated 9 th February, 2010 shall be undertaken in consultation with the Fisheries Department, Government of Himachal Pradesh. Breeding and hatching of indigenous fish i.e. Snow Trout will be carried out separately. The same shall also be followed in the proposed hatchery at Sangla with separate bays.	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 nd Installment will be released after Utilization Certificate of balance amount is received from Fisheries Deptt. This is still awaited from Director of Fisheries Govt. of HP.
(x) The proposed Wildlife Management & Development and Conservation of Biodiversity Plans at a cost of Rs. 764.50 lakhs shall be taken-up strictly as outlined in the EIA/EMP Report and implemented in consultation with the State Forest Department without any diversion of funds. A report of implementation shall be included in the sixth monthly compliance report to be submitted to the Ministry.	The condition has been compiled by the project proponent. Biodiversity conservation plan includes Compensatory Afforestation (CA), NPV and cost of trees for which HPPCL has already deposited the requisite amount with H.P forest Department/CAMPA. The cost on account of wildlife Management (Chapter-7) has been included under revised CAT Plan of STKHEP and approved by the H.P forest Department. Rs.60.44 crore toward cost of implementation of CAT plan has already been released to H.P forest Department/CAMPA. during this period the progress report of same has not been received by this office from DFO wildlife.
(xi) About 1.5% of the total project cost shall be spent for the Local Area Development.	The condition is being compiled by the project proponent. Till date Rs. 23.56 Crore has been deposited as LADF out of which 21.06 lakh were spent on various heads of development activities in project affected Panchayat's and being regularly monitored at local area Development Committee During

	its various meeting .
(xii) Any other clearance from any other organization/department, if required shall be obtained.	<p>Renewal of Consent to Establish is required to obtain from H.P State Pollution control Board. However, as per latest notification of No. B-29012/ESS/CPA/2016-17/2570 dated 02/02/2017 issued by Member Secretary, Central Pollution Control Board, MoEF&CC, Govt. of India, addressed to the Member Secretary of all State Pollution Control Boards vide which under para (iv) of the aforementioned letter it is stated that “Further, all the projects requiring Environmental Clearance either from State Level EIA Authority or MoEFCC may be exempted from obtaining the consent to establish. Such projects may be directly granted CTO subjected to EC and installation of pollution control devices.” Renewal of the same is being regularly applied by the project proponent by depositing the requisite renewal fee of the same every year. and due to lockdown same is also applied after opening of lockdowns</p>
Part-B General Conditions	
(i) Adequate arrangement for providing free fuel like kerosene/wood /LPG shall be made for the labourers engaged in the construction work so that indiscriminate felling of trees is prevented.	The condition is being complied with. From April 2022 To Sept 2022, 253 nos. LPG cylinders have been provided during The reporting period .
(ii) Medical facilities as well as recreational facilities shall also be provided to the labours.	<p>Two nos. First Aid post has been made functional at Site office Ralli and Barrage location. Contractor has provided Medicine of Rs. (1,07,820/-/- and spent Rs. 8,72,465/- on salary of medical attendant and Rs. 9,53,153- spent on Ambulance. Rs. 9,60,000/-has been spent on salary of ambulance driver.</p> <p>Total No. Medical attendant provided = 04 Total No. of ambulance = 04</p>

<p>(iii) Labourers to be engaged for construction work shall be thoroughly examined by health personnel and adequately treated before issuing them work permit.</p>	<p>Prior to enrollment in the execution activities all the labourers are thoroughly checked up. After ensuring the complete fitness, the labourers are being engaged.</p>
<p>(iv) No fugitive dust emissions should be observed at the construction sites. Water sprinkling arrangements shall be made to suppress the fugitive emissions.</p>	<p>The condition is being compiled by the contractor. The DG sets have been provided with acoustic enclosures and proper stack height regular maintenance of DG sets are being carried out. On account of this an expenditure of Rs .500000 and 40000 0/- were occurred during this period . The water tanker has been deployed in the project area to sprinkle the water in the project area to suppress the dust emission due to movement of vehicles</p>
<p>(v) Potable drinking water and proper sanitary facilities shall be provided for the labour force and the local area people.</p>	<p>Potable drinking water and proper sanitary facilities has been provided near each Adit portal for the labourers. in addition to this the same has also been provided at the labour camps at Ralli and Tangling. for which an expenditure of Rs 10,40,502/-were occurred towards the salary of drivers and helper for water supply in supply of drinking water in Main contractors residential accommodations for drinking purpose.</p>
<p>(vi) Restoration of construction area including dumping sites shall be ensured by leveling, filling up of burrow pits, landscaping etc. The area shall be properly treated with suitable plantation.</p>	<p>The project proponent is committed to restoration of construction area including dumping sites by leveling, filling up of burrow pits, landscaping etc. The plantation work will be taken up after finishing of construction phase. In the mean time gabion walls have been provided at each dumping site and are being strengthened by providing Cement Concrete Cladding.</p>
<p>(vii) Separate financial provision shall be made in the total budget of the project for implementation of the above suggested safeguard measures. The same shall be informed to the Ministry.</p>	<p>The condition has been complied with; separate provisions in EMP under various chapters/heads have been made for implementation of suggested measures.</p>

<p>(viii) Environmental parameters shall be monitored and six monthly monitoring reports shall be submitted to the Regional Office of the Ministry and State Pollution Control Board for their review.</p>	<p>Monitoring reports are being submitted regularly. Last Six monthly report was submitted to the MoEF, Regional Office Dehradun on dated 07.06.2022</p>
<p>(ix) A Multi-Disciplinary Committee (MDC) to monitor environmental safeguards during the construction shall be construction by the Ministry on the suggestions of the Proponent, Six monthly monitoring report of this Committee shall be displayed on the web-site of the Proponent.</p>	<p>The condition is being compiled by the project proponent as an Ecological Monitoring Unit has been set-up under the Chairmanship of DFO, Kinnaur to monitor the impact of the project on flora and fauna of the area as submitted to your office vide this office letter no. HPPCL/SM(R&R)/EC-Vol-I/2012-5543, dated 18/03/2013.</p>
<p>(x) Videography of the project area shall be carried out to ascertain that no damage occurs, the PP shall pay compensation for the damages.</p>	<p>The Videography of the entire Project Affected Area has been done along with water resources inventory. The project proponent will ensure that no damage to houses of the local people occurs. To monitor the ground vibration arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad. Copy of the same reports of Seismograph From April 2022 to Sept 2022 is enclosed as Annexure-IX</p>
<p>The Project Proponent shall provide full cooperation and all required documents / data to the Officials of relevant Regional Office of MOEF who would be monitoring the implementation of environmental safeguards.</p>	<p>Project proponent commits to provide full co-operation and all required documents / data to the Officials of relevant Regional Office of MOEF who would be monitoring the implementation of environmental safeguards.</p>
<p>Besides the above stated conditions, the Project Proponent and Government of Himachal Pradesh shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time.</p>	<p>The project proponent is abiding by the condition. For effective implementation of the environment safeguard, as proposed in EIA/EMP and other policies HPPCL has establish an Environment cell at each project level with experienced and qualified environment and R&R staff.-</p>
<p>The environmental management plan shall be strictly adhered to and a sum of Rs. 84.891 Crores, the budgetary provisions for implementation of EMP shall not be diverted for any other purpose.</p>	<p>The condition will be complied with; the cost of EMP has increased due to HP Govt. notification regarding CAT Plan and Environment Monitoring Plan.</p>

<p>Any change in the scope of the project shall be intimated to the Ministry and fresh approval if required, shall be taken from the Ministry.</p>	<p>The presentation before the Environment Appraisal Committee was held on 10/12/2013, 16/09/2014 & 16/10/2014 at MoEF, New Delhi for revalidation of Environmental Clearance due to enhancement of installed capacity. The matter has been taken up with WAPCOS for updation of EIA/EMP to conduct fresh public hearing.</p>
<p>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.</p>	<p>Environment safeguard measures as forced by ministry are being implemented. Additional safeguard measures, if any proposed by ministry will also implemented. So far no additional measure suggested.</p>
<p>This clearance letter is valid for a period of 10 years from the date of issue of this letter for commencement of construction work.</p>	<p>Status remains the same as per the stand status already conveyed vide previous compliance period ending June 2022. No Change. This issue stand closed</p>
<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local body and the local NGO, if any, from whom any suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.</p>	<p>Status remains the same as per the stand status already conveyed vide previous compliance period ending June 2022. No Change. This issue stand closed</p>
<p>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 the 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 and Forests at http://www.enyfor.nic.in.</p>	<p>The project proponent has advertise in two local newspapers i.e. 'Divya Himachal' and 'The Indian Express' on 1st June 2011 informing that the project has been accorded environmental clearance by MoEF 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 and Forests at http://www.enyfor.nic.in. Refer this office letter no. HPPCL/SM(R&R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/201. This issue stand closed</p>

<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, decided in consultation with the Ministry.</p>	<p>The project proponent will conduct the study undertaken by an independent agency, decided in consultation with the Ministry after 5 years of the commissioning of the Project, regarding impact of the project on the environment and downstream ecology.</p>
<p>The Project Proponent shall submit six monthly compliance reports of the stipulated EC conditions and the monitoring data (both in hard copies as well by e.mail) to the respective Regional office of MoEF and the State Pollution Control Board. Both monitoring and compliance reports shall be up-loaded on the Web-site of the Proponent.</p>	<p>The condition is being complied with. Last Six monthly report was submitted to the MoEF, Regional Office Dehradun on dated 07.606.2022</p>

COMPLIANCE OF FC CONDITIONS MONITORING REPORT IN R/O SHONGTONG-
KARCHHAM HEP

I	Name of Project	Shongtong Karchham HEP
II	Name of Monitoring/Reporting Agency and address	Himachal Pradesh Power Corporation Limited
III	Report for the period	1 st April 2022 to 30 th Sept.2022

1. **Forest Clearance:** Forest Clearance for the project was granted by MoEF vide F.no. 8-78/2010-FC, dated 14th Nov. 2012 (submitted with previous compliance report).

Sr. No.	Description	Compliance Status
1.	Legal Status of the diverted forest land shall remain unchanged.	HPPCL will not seek any changes in status of diverted forest land.
2	The Compensatory Afforestation (CA) will be raised and maintained over double the area proposed for diversion in a degraded forest land (i.e. 128 ha) at the cost of User Agency.	Condition is complied with by paying the requisite amount to CAMPA through DFO Kinnaur. The HPPCL has deposited the requisite cost towards CA with Department of Forest, Govt. of HP amounting to Rs. 1, 74, 65,952/- (One crore seventy-four lakhs sixty-five thousand nine hundred and fifty two) only vide DD No. 630072 dated 02.04.2011 (worth Rs. 7, 44, 26,798/- including amount for NPV) drawn on Reckong Peo branch of State Bank of India vide their letter No. HPPCL/GM-STKHEP/Forest/ 2010-24-27, dated 02.04.2011 as per the bill issued by DFO Kinnaur vide letter No 9216 dated 30.03.2011. Progress report up to Sept 2022 under CA is attached as Annexure-VI .
3	The user Agency shall pay the additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India.	Condition has been complied with by paying the requisite amount to CAMPA /DFO Kinnaur. HP Forest Department through DFO Kinnaur raised a bill for Rs. 5, 69, 60,846/- (Five crore sixty-nine lakh sixty thousand eight hundred and forty-six) only against NPV vide letter

		No. 9216 on dated 30.03.2011 and same has been deposited vide DD No. 630072 dated 02.04.11 with the DFO Kinnaur HP (submitted in previous compliance report). An undertaking to pay the additional NPV, if so determined as per the final decision of Hon'ble Supreme Court of India has already been given. Progress of the NPA is not being submitted by the Concerned Forest Department
4	All the funds received from the user Agency under the project shall be transferred to Ad-hoc CAMPA pertaining to the state.	Project proponent has deposited all the funds to the DFO, Kinnaur H.P forest department and further deposited to Ad-hoc CAMPA by DFO, Kinnaur.
5	The State Government shall ensure that minimum flow of 15% is maintained at all time.	<p>The project proponent is committed to maintain 20% Environmental flow as per Environment Clearance condition. The environmental flow assessment study has been conducted by NIH Roorkee. The EAC in its meeting held on 10th and 11th December, 2013 desired to have presentation on Environment flow study. The presentation was given by project proponent before the EAC on 16 October, 2014. The EAC observe that Environment flow study was carried out in accordance with the Flow duration curve method. While this is generally in order but for further clarity the same should be carried out through Hydraulic rating and Habitat Simulation method. The technique shall factor the need of aquatic faunal population. Also the adequacy of environmental flow in terms of depth, velocity and top width needs to be checked and proposed a fresh. Accordingly the environment flow study has been revised as desired by EAC and submitted to MoEF for approval.</p> <p>The preference shall be given to Himachalies for the employment in the</p>

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		project.
6	The user agency shall set up Ecological Monitoring Unit to monitor the impact of the project on flora and fauna of the area.	As per the stipulations imposed by Forest Advisory Committee, MoEF&CC an Ecological Monitoring Unit (EMU) to monitor the impact of project on flora and fauna of the area was to be constituted. Since, the Stage-I Forest Clearances to Shongtong Karchham HEP & Integrated Kashang HEP were granted within the same time period and with similar condition of setting up of an EMU. Thus, Divisional Forest officer Kinnaur at Reckong Peo through his office order issued vide No. 3KNR/2011-12 dated 5.04.2011" framed committee for the Ecological Monitoring to monitor the impact of aforesaid Projects on flora & Fauna within the jurisdiction of command area of the Shongtong Karchham HEP, as well as, Integrated Kashang HEP. Project proponent had agreed to comply the directions of above nominated committee. On dated 19/06/2015 this office received a letter from the O/o General Manager, IKHEP that a payment of Rs. 6,00,000/- has been made to DFO (Kinnaur) on account of APO for Ecological Monitoring Unit to monitor the impact of project on flora and fauna of the area in r/o IKHEP & STKHEP, HPPCL. The amount is chargeable to both the projects on pro rata basis. The same was verified by this office and Rs. 4,18,605/- from the total of Rs. 6,00,000/- were charged towards STKHEP, HPPCL.
7	The user agency shall keep the effect of camping labourers on the flora and fauna during the construction phase of 48 months at minimum by providing alternate fuel for cooking and heating.	Provision has been made in EMP to provide alternative fuel (i.e. LPG /kerosene/ electricity) for community kitchen. If fuel wood is to be procured, it has to be through authorized sources only. From April 2022 to June 2022, 139 Nos. & from July 2022 to Sept 2022, 114 LPG cylinders have been provided by the contractor i.e. M/s Patel

		Eng. Ltd to the labour and staff besides running community kitchens/mess at all the locations being the main contractor of STKHEP.
8	The entire reservoir created due to submergence shall be declared Reserve Forest under Indian Forest Act. 1927 within six months. However, regulated fishing shall be allowed. Nodal officer shall submit compliance report in this regard.	Since the Project is a Run-of-the-River type (RoR) hydropower project with diversion done through a barrage with head race tunnel (HRT). Thus, the submergence area is very small (27 hectares), which shall be got declared as Reserve Forest under Indian Forest Act. 1927 through HP State Forests Department with regulated fishing being allowed.
9	Catchment Area Treatment Plan should be implemented at the project cost under the supervision of the State Government.	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. 701.95 millions. Out of which 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. . During the reporting period HP forest department HP has not reported or submitted any progress report whereas the Progress is same as previous Quarter amounting to Rs 1,61,48,913 submitted by DFO Kinnaur up to March 31 st March 2022
10	Green belt of adequate width shall be raised by the user agency around the reservoir at the cost of the project.	A plan for Green belt development around reservoir and around surface components and along project roads at the cost of the project has been included in the EMP for which provision of 40 lacs has been made in EMP (Chapter-9). The same will be taken in consultation with forest deptt. after completion of civil work.

11

The user agency shall facilitate a basin level study on the impact of HEP's on the flora & fauna of the as per the TOR submitted to MoEF.

Project proponent is committed to comply the outcomes of the basin level study of Satluj basin on the recommendations of MoEF, Govt. of India. Himachal Pradesh is getting study conducted for cumulative or ecological impact of all the Hydro power Projects in operation and under execution or are planned to implementation in near future in Satluj Basin of Himachal. Job of this study has been awarded to Indian council of Forestry research and Education Dehradun in Feb 2012 and accordingly Govt. of Himachal Pradesh has constituted Two member panel of Environment and social Expert (PESE) Sh.D.C.Khanduri (Rtd.IFS) Dehradun and Dr. Rashmi Nayar - Associate Professor and Management of Land Acquisition Resettlement and rehabilitation Administrative Staff college of India.) towards states compliance for Environment and social Development policies in regard to the Development of Hydro Power Projects in the Satluj Basin of Himachal Pradesh. Recently in this regard the experts Panel along with the two senior officers of Directorate of Energy, GoHP, visited the various Hydro Power Projects and on 7th Dec, 2013 and DOE has organized a meeting with the Panel of Environment and social Experts(PESE)for Satluj basin from 12th August to 18 August at various location i.e. on 12.08.2014 at Jakhari and on 13th August 2014 at Reckong Peo and Lippa on 14th August 2014 at Pooh and Nako on 16th August at Tabo. Consequent upon this meeting on the demands of the stakeholders and villagers of various Villages DOE has been requested to hold a another meeting in the presence of panel of experts involved in the preparation of

		<p>these reports and DOE has arranged another meeting with Stakeholder at Reckong Peo on 8th Dec 2014 and 9th Dec 2014 at Pooh . consequent upon the above facts the committee has submitted the draft report on CEIA of Satluj basin to DoE and DoE has placed the same in its official web site of DoE and ICFRI has submitted the final report to MoEF for approval. MoEF has not shared the report with state government or project proponent. Rest status remains same as Previous compliance Report.</p>
12	<p>The user agency shall carry out the muck disposal at pre-designated sites in such a manner so as to avoid its rolling down.</p>	<p>Project proponent will abide this condition and committed to comply. All the necessary steps to prevent rolling down of muck are being taken by constructing/raising retaining walls, Gabions & other structures through its main contractor i.e. M/s Patel Eng Ltd. The detail muck statement is being submitted to HPSPCB regularly.</p>
13	<p>The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the user agency at the cost of project under the supervision of State Forest Department. Retaining walls and terracing shall be carried out to hold the dumping material in place. Stabilization and reclamation of such dumping sites shall be completed before handing over the same to the State Forest Department. In a time bound manner as per Plan.</p>	<p>A detailed Muck Management Plan (MMP) has been prepared as part of EMP (Chapter-6) which prescribes for engineering and biological measures for stabilization of dumped muck. The MMP is being implemented diligently. As already submitted, its implementation is also being monitored strictly by the State Pollution Control Board.</p> <p>Concrete Cladding on Total nos.306 no of wire crate were being carried out during April 2022 to Sept,2022. And of 1307 no of crates were erected during the reporting period with an expenditure amounting to Rs 1,17,68,105/- were incurred</p>

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14	The user agency to consult other organization having experience in construction of roads in hilly areas such as BRO to avoid frequent road blocked due to landslides etc. and shall provide breast walls and retaining walls wherever necessary.	The user agency i.e. HPPCL is sister concern of Himachal Pradesh State Electricity Board Ltd.(HPSEBL) which have sufficient experience in construction of roads and related civil works. However, the agency like BRO, GREF and HPPWD etc. are also being consulted for proper construction of roads as and when required.
15	The Forest Department shall regenerate equivalent amount of degraded forest area, in addition to the condition no. 2. As the user agency does not have qualified manpower and control on the forest area to execute the same, they have paid for the same to the CF, Rampur. The Forest Department shall implement the same and submit a compliance report.	Total of Rs. 1,36,73,737/- have been deposited with D.F.O, Kinnaur for regenerating equivalent amount of degraded forest area, in addition to the condition no. 2 (Copy of the progress report submitted by the DFO Kinnaur has already conveyed to MoEFCC with previous compliance as Annexure-VII) during the FY 2016-17 & 2017-18 total progress of Rs 1,36,74,200/- has been received from forest Deptt.
16	The User Agency shall submit annual self monitoring report indicating status of compliance to the conditions stipulated in the approval, to the state government and the concerned Regional Office of the Ministry.	HPPCL is committed to abide by and comply with the condition. Last compliance report has been submitted to MoEF, Regional Office Dehradun & Pr.C.C.F, and Shimla on 07.06.2022 (submitted with previous compliance reports).
17	All other conditions including standard conditions applicable to the proposals under Forest Conservation Act, 1980 and under different rules regulations and guidelines including Environmental Clearance and rehabilitation shall be complied with before transfer of forest land.	All other conditions including standard conditions applicable to the proposals under various Acts and rules and clearances are acceptable to project proponent and will abide these condition and committed to comply.



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

Annex - 1

Ministry of Environment & Forests Northern Regional Office Dehra Dun

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&R)/EC-Vol-I/2012-5543, dated 18/03/2013.</p>
<p>9</p> <p>Financial details:-</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</p> <p>b) Allocations made for environmental management plans with item wise and year wise break up.</p> <p>c) Benefit cost ration/internal Rate of Return and the year of assessment.</p> <p>d) Whether (c) includes the cost of environmental management as shown in (b) above.</p> <p>e) Actual expenditure incurred on the project so far:</p> <p>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&R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/2011.</p> <p>d) Yes</p> <p>e) Expenditure incurred on project till 31/03/2020 is Rs. 8747.13 Crore. Detail is attached as Annexur-VIII</p> <p>f) Expenditure incurred on EMP till 30/09/2022 is Attached as Annexure IX</p>
<p>10</p> <p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non-forestry use.</p> <p>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 & 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 Annexure-VI.</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 trees 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>


**Dy. General Manager (E&RR),
Shongtong-Karchham HEP,
HPPCL, Reckong Peo,
Distt. Kinnaur (H.P.)-India**

I. Detail in respect of Activities carried out under HPPCL R&R Plan and LADF (as on date)

Sr. No.	R&R Schemes	Achievement		Remarks
		Physical	Financial (in Laes)	
1	ITI Scheme	48	20.66	
2	Merit Scholarship Scheme	535	55	
3	Training Cum Awareness Scheme	17 (1380 people)	7.25	In this scheme 10 no. Medical Camp, 5 no. Horticulture and agricultura camp and 1 no. Training cum awarness camp were organized on various issues i.e. carried and investment programme elo, at PAA's.
4	School Competition Scheme	16 (860 students)	1.55	Under this scheme 16 no. school students competition were organized at Project Affected Areas on different topics like essay writing, painting salogan writing and decalamation compitition etc.
5	Sports Tournament Scheme	2 (180 People)	0.9	2 nos. sport Tournament (Mens & womens) were orgaised at project affected area i.e. volly ball competition, cricket, folk dance and solo songs etc.
6	CBO Scheme	5	2.8	1. Mandir Sanchalan Shankar Comeetee G.P. Powari. 2. Mahila Manda Mebar G.P. Mebar. 3. Mahila Mandal Khawangi G.P. Khawangi. 4. Mahila Mandal Barang G.P. Barang. 5. Mahila Mandal Shudharang G.P. Shudharang.
7	Self Employment Scheme	1	0.35	In this scheme 1 No. MPAF's namely Chunni Lal resident of Village Tangling has provided financial assistance for Retail Shop (Karyana/Chicken Shop)
8	Forest Right Scheme	1426	1313.6	
9	Minnor Minarel Scheme	224	168.75	This amount has been given to PAF's in lieu of loss of minor minerals.
Total=			1570.86	

2. Panchayat wise Expenditure incurred under R&R Grants.

		Landless Grant		
1	Powari	80	53.78	Welfare grant as per R&R Plan (Part V)
	Khawangi	18	10.25	
	Barang	8	3.5	
	Mebar (Ralli)	14	7	
	Kalpa	9	4.5	
	Total=	129	79.03	
2	Houselessd Grant	2	15	2 nos MPAF's namely Sh. Nardhan Sukh and Sh. Raj Kumar VPO Tangling (Powari) has provided the houseless grant as per R&R plan
3	Transportation Grants	9	1.8	9 nos. MPAF's has been given transportation grant as per R&R Plan. Out of 9 nos. 6 nos. MPAF's from Powari Panchayat and 1 no. from Khawangi Panchayat, 1 no. from Mebar Panchayat and 1 no. from Kalpa Panchayat.
4	Displaced Shopkeeper Grangs	4	8.8	4 nos. MPAF's namely Sh. Munni Lal, Sh. Suresh Kumar, jGulab Singh VPO Tangling (Powari) and Raj Kumar VPO Khawangi has provided the financial Assistance for dispalacement of shop @ 2.20 lac each including transportation grant.
5	Cattel shed Grant	2	0.4	2 nos. of MPAF namely Raj Kumar from Khawangi Panchayat and Shiv Dayal from Kalpa Panchayat has provided finacial assistance as per R&R Plan.
6	Rent for Temporary accomodation	1	0.18	1no. MPAF from Powari Panchayat has provided the assistance.
Total=			105.21	

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4. Detail of activities under LADF				
Sr. No.	Total Liability against LADF	Amount deposited till date (in Lacs)	Balance Amount (in Lacs)	Remarks
1	42.11	23.56	18.55	
4. Panchayat wise Detail of Crop compensation				
Sr. No.	Name of Panchayat	No. of Beneficiaries	Amount (in Lacs)	Remarks
1	Powari	477	65.99	Crop compensation paid on account of Horticulture and Agriculture losses for the f.Y. 2013-16
2	Barang	399	41.69	
3	Mebar	115	10.93	
4	Khawangi	122	14.24	
5	Shudarang	265	19.8	
Total=		1378	152.65	
5. Panchayat wise detail of other R&R welfare activities				
Sr. No.	Name of welfare activities	No. of Beneficiaries	Amount (in Lacs)	Remarks
Name of Panchayat:				
1	Khawangi	180	120.17	
2	Powari	224	472.81	
3	Barang	328	512.41	
4	Mebar	71	148.4	
5	Shudarang	158	61.67	
6	Kalpa	465	2.96	
Total=		1426	1318.42	
6. Detail of the Sand & Aggregate issued to the PAF's of STKHEP during the reporting period i.e. April, 2022 to Sept. 2022.				
	No of PAF's benefited	Sand (cft)	Aggregate(cft)	Financial implication (Rs.)
	172	65225	35962	34.37 lacs
7. Corrective Action Plan as per updated Resettlement Plan of ADB				
Sr. No.	Corrective Action Plan	No. of Beneficiaries	Amount Disbursed (in Lacs)	Remarks
1	Shifting assistance	9	1.8	9 nos MPAF's has been given transportation grant as per R&R Plan. Out of 9 no. 6 nos MPAF's from Powari Panchayat and 1 no from Khawangi Panchayat, 1 no. from Mebar Panchayat and 1 no. from Kalpa Panchayat @ 20000 each.
Total=		9	1.8	

R. K. Jaiswal

Shongtong Karchham HEP (402 MW)

FULFILMENT OF COMMITMENTS MADE IN PUBLIC HEARING-I&II:

Detail of issues raised during Public Hearing on 28.07.2009 and 29.07.2009 for Shongtong-Karchham HEP (Powari-Ralli), organized by H. P. State Pollution Control Board at village Powari Tehsil Kalpa, Distt. Kinnaur H.P. respectively:-

Sr. No.	Issues Raised at Powari	Remarks on the issue raised	Activities done
1.	The representative of the public raised an objection that project affected families indicated in R&R plan (rehabilitation and resettlement) is 158 whereas in the earlier R&R plan it was 438 and it was verbally assured by MD, HPPCL to include all 438 families in R&R plan. Therefore, till all the 438 families of Kalpa and Shudharang villages are not covered under project affected families the R&R plan should not be finalized.	This issue of R&R is under consideration of MD, HPPCL.	The families of Shudharang village have been covered under project affected families vide Deptt. of MPP & Power notification no. MPP(F)2-12/2008-II dated 29/08/2015. Similarly, families of Kalpa village have been covered under project affected families vide Deptt. of MPP & Power notification no. MPP(F)2-12/2008-II dated 19/08/2015.
2.	Cremation ground near dumping No. 3 should be protected.	Project Proponent has assured that the cremation ground shall be protected.	Project proponent assured that the cremation ground shall be protected.
3.	Confluence point of Tangling Nallah and Satluj river is a holy place which is used for local rituals. Local people have traditional rights and it should be protected and the Confluence point should be developed properly by the project proponent.	Project Proponent has assured that Confluence point of Tangling Nallah and Satluj shall be developed. A bridge on Tangling Nallah has been proposed.	The project proponent will construct a bridge on Tangling Nallah. in the mean time the existing bridge on Tangling Nallah has been strengthened.

4.	Local people have customary rights to collect forest produce such as herbs, medicine plants etc. will be damaged and will affect the income source, therefore all the people of Distt. Kinnaur should be included in project affected families.	All the customary rights related to the forest produce will be protected and every care will be taken so that there is no damage to the forest produce. In case some damage is observed the same shall be compensated by the Project Proponent.	The project proponent in accordance with R&R plan approved by Govt. of H.P has disbursed 500 days minimum wages to each project area family in lieu of loss of customary rights or usage of forest produce. till date Rs. 13.13 crore has been disbursed in PAF's of village Khawangi, Mebar, Barang, Powari and Shudharang.
5.	Studies on the affect on downstream projects due to desilting has not been done in EIA/EMP.	Project Proponent agreed to conduct studies.	Sedimentation Chambers four in nos. has been provided for desilting, so no impact on Down Stream projects is envisaged.
6.	Impact on water sources and biodiversity due to blasting during construction have not been indicated in EIA/EMP.	Project Proponent agreed to conduct studies.	The Videography of the entire Project Affected Area has been done along with water resources inventory (submitted with previous compliance report). The project proponent will ensure that no damage to houses of the local people occurs. To monitor the ground vibration arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monthly monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President,

Shongtong Karchham HEP (402 MW)

			Zila Parishad.
7.	Design of the project is on the bases of ten years data and viability of the project is not properly designed.	Project proponent clarified that viability of the project has been properly designed.	Project proponent clarified that viability of the project has been properly designed.
8.	Alignment of the power project has been indicated in the EIA/EMP (Figure No. 1) on the right bank of river Satluj where as in figure No. 2 it is shown on the left bank of the river Satluj.	It will be corrected by project proponent.	It has been corrected by project proponent. This issue stand closed.
9.	In EIA/EMP para-7.5 page No. 7-18 it is mentioned that sand and aggregate has been collected by M/s JP Karchham Wangtoo Project from village Jangi and the same query will be used by HPPCL but as a matter of fact this quarry has never been used by M/s J.P. Karchham Wangtoo Project, which indicates the negligent attitude of agency preparing EIA and as such the data given in EIA is doubtful.	Sand and aggregate will be collected as per para-7.5 page no. 7-18 near village Jangi.	Sand and aggregate will be collected from quarry site at village Powari which is in submergence area of the project rather than village Jangi due to more economical and for this all the necessary approvals are being obtained.
10.	All the muck dumping sites indicated in the EIA/EMP is on the bank of river Satluj, which is in the flood zone area. In EIA/EMP design of dumping sites has not been shown. What will be the distance of dumping sites from HFL and what will be the angle of repose of muck has not been indicated.	Project Proponent clarified that Muck will be dumped in safe designated dumping sites away from HFL and with adequate safe engineering structure so that there is no seepage of muck into river.	Muck management Plan as approved by MoEF and HPSPCB is being implemented. The muck is being dumped in designated dumping sites and with adequate safe engineering structure so that there is no seepage of muck into river under the supervision of H.P forest deptt. and HPSPCB.. The Monthly muck statement is being submitted to HPSPCB every month.

11.	Due to construction of tunnels in Kinnaur, the fragile areas are being damaged which can be protected by the use of Tunnel Boring Machine as being used in Parvati Hydrel Power Project in Kullu District. There is no mention of TBM in EIA/EMP. It was suggested that TBM should be used for construction of tunnels in Distt. Kinnaur.	It was assured by project proponent that if technically, it is possible, TBM can be used.	As per the Geological strata around the project area and the alignment of the project using TBM is not possible. To monitor the blast vibrations arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monthly monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad. The blast vibrations are under the permissible limits as no damage to house of local people has been observed.
12.	Distt. Kinnaur is in Seismic zone -4 and in the past Kinnaur has observed heavy earthquakes. Therefore, big projects should not come up in Kinnaur. In EIA/EMP seismic factor has not been taken in to consideration.	Seismically project has been designed.	During the designing the project, this aspect has been taken into consideration and project has been designed to bear the earthquakes.
13.	The existence of all the projects in river Satluj basin is in danger because of no international treaty with China on Satluj river. China has constructed many big projects on Satluj basin and is planning to divert Satluj water to Eastern Tibet which is likely to affect the projects in future. All these aspects has not been mentioned in EIA/EMP.	No comments.	Existence of dams in the river Satluj will have positive impact rather than negative impacts. it helps in control of flash floods or other natural calamities by regulating the devastating effect of flash flood and natural calamities.

14.	Alternative suggestions have been given in EIA/EMP. Suggestion No. 1 to construct Dam at Shongtong and to construct tunnel on the right bank of river Satluj is the best option but it has been rejected because of Army Camp near to the proposed Dam. In view of environmental impact and to save property of local people, the suggestion No. 1 may be looked upon.	On the basis of technical studies conducted it was decided to construct HRT on the left bank of river Satluj.	Technical, Economical and safety factor has been taken into consideration before deciding to construct HRT on the left bank of river Satluj. All necessary action to safeguard the environment and property of local people is being taken during the construction of the project.
15.	It is apprehended that the religious place, Kinner Kailash and Shivling will be damaged due to construction of Head Race Tunnel. In such an eventuality the religious sentiments of local people will be hurt and due to melting of glaciers on Kinner Kailash mountain flood situation can be observed. Whereas this aspect is not been addressed in EIA/EMP.	On the basis of studies conducted it was observed that Kinner-Kailash and Shivling are at sufficient height and there is to such threat to Kinner Kailash and Shivling.	To monitor the blast vibrations arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monthly monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad. The blast vibrations are under the permissible limits as no damage to house of local people has been observed and the Kinner-Kailash and Shivling are at sufficient height and far from project. There is to such threat to Kinner Kailash and Shivling. The same has been submitted to MoEF while obtaining Environmental Clearance of the project.

Shongtong Karchham HEP (402 MW)

16.	In view of the fact that number of big projects are coming up in Satluj basin and in the year 1988, 1993, 1997, 2000 and 2005 devastating floods were observed in river Satluj, therefore study on cumulative impact is required and Disaster management plan should be prepared.	Project Proponent informed that disaster management plan shall be prepared.	Dam Break Analysis and Disaster Management plan has been prepared. (submitted with previous compliance report)
17.	2 % royalty should be given as per Gov. Of India National Hydro-Power policy 2008. Whereas instead of this in EIA/EMP only 100 unit free powers for 10 years has been mentioned. Provision of 2 % royalty should be made in R & R plan.	Project proponent informed that the issue is under consideration of state govt.	The project proponent is committed to provide royalty @ 1% as per H.P State Govt. Norms after the commissioning of the project.
18.	As per Himachal Pradesh hydro power policy 2006 provision 15 % release of water from the dam and to provide 70 % employment to the Himachali's have not been mentioned in EIA/EMP.	As per govt. notification 15% water will be discharged and 70% employment will be given to Himachalies.	The project proponent is committed to maintain 20% Environmental flow as per Environment Clearance condition. The environmental flow assessment study has been conducted by NIH Roorkee. The EAC in its meeting held on 10 th and 11 th December, 2013 desired to have presentation on Environment flow study. The presentation was given by project proponent before the EAC on 16 October, 2014. The EAC observe that Environment flow study was carried out in accordance with the Flow duration curve method. While this is generally in order but for further clarity the same should be carried out through Hydraulic rating and

			<p>Habitat Simulation method. The technique shall factor the need of aquatic faunal population. Also the adequacy of environmental flow in terms of depth, velocity and top width needs to be checked and proposed a fresh. Accordingly the environment flow study has been revised as desired by EAC and submitted to MoEF for approval.</p> <p>The preference shall be given to Himachalies for the employment in the project.</p>
19.	<p>The detail of transmission line is not mentioned in EIA/EMP plan. It is also not mentioned whether there will be separate transmission line or it will be transmitted through integrated transmission line and separate environmental clearance will be obtained for transmission land.</p>	<p>EIA/EMP has been prepared on the bases of TOR approved by MoEF. Further, it was clarified by project proponent that up to Wangtoo separate transmission line shall be provided and for transmission line environmental clearance is not required.</p>	<p>As per the latest notification from Govt. of India the transmission lines for the project above 250 MW will be done by Power Grid Corporation India Ltd. (PGCIL).</p>
20.	<p>In case the project is sold/transferred to any other company in such case fresh NOC of Gram Panchayat should be obtained.</p>	<p>Project proponent clarified that this project will not be sold/transferred to any other company.</p>	<p>Being and HP Govt. Entity, It is submitted that the project has not been sold/transferred to any other company.</p>
21.	<p>Definition of main project affected family is not in accordance to the R & R policy of 2007 of Govt. of India.</p>	<p>It is as per R & R Plan approved by HP State Govt. vide letter No. Rev. (PC)A(10)-7/2008, dated 19.1.2009.</p>	<p>Followed up as per R&R Plan approved by HP State Govt.</p>
22.	<p>Base line date of Air quality of the area is mentioned in EIA/EMP but prediction of</p>	<p>Project proponent informed that studies will be conducted on this</p>	<p>The Environment monitoring plan is included in EIA/EMP,</p>

<p>enhancement of Air pollution has not been given and impact on flora-fauna is also not mentioned in EIA/EMP.</p>	<p>issue.</p>	<p>which will be implemented by HPSPCB. HPSPCB will monitor the Air, Water, Noise pollution levels in the project area. Copy of the monitoring reports is attached as Annexure-IV Moreover, an Ecological Monitoring Unit has been set-up under the Chairmanship of DFO, Kinnaur to monitor the impact of the project on flora and fauna of the area.</p>
<p>23. Construction of tunnels and blasting operation will have adverse impact on water sources, is not mentioned in EIA/EMP and how it will be compensated should be made clear.</p>	<p>A committee comprising of members of Project Proponent, IPH and representative of concerned Panchayat will be constituted and documentation including Videography/ photography of the existing water sources shall be carried out, before starting the construction work. In case of reduction observed in the flow of water, it shall be compensated by the project proponent.</p>	<p>A committee comprising of members of Project Proponent, IPH and representative of concerned Panchayat was constituted and documentation including Videography/ photography of the existing water sources had been carried out, before starting the construction work. Moreover, to monitor the blast vibrations arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monthly monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad. The blast vibrations are under the</p>

			permissible limits. In case of reduction observed in the flow of water, it shall be compensated by the project proponent.
24.	Compensation for acquiring land should be through negotiation.	The project proponent agreed for negotiation.	Land has been acquired after negotiation with the land holders.
25.	Which area will be developed under CAT plan is not mentioned. Implementation of CAT plan should be prepared on annual basis and Implementation of CAT plan should be undertaken consultation of local people/Panchayat.	Implementation CAT plan is to be done by forest department.	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. 701.95 millions. Out of which 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. . During the reporting period HP forest department HP has not reported or submitted any progress report whereas the Progress is same as previous Quarter amounting to Rs 1,61,48,913 submitted by DFO Kinnaur up to March 31 st March 2022
26.	Health survey of workers should be conducted.	Agreed by project proponent.	Prior to enrolment in the execution activities all the labourers are thoroughly checked up.

			After ensuring the complete fitness, the labourers are being engaged. In monitoring period of From April 2022 to Sept 2022 Contractor has provided Medicine of Rs. 1,07,820+/- and spent Rs. -8,72,465/- on salary of medical attendant and Rs. 953,153/- spent on Ambulance. Rs. 9,60,000/- has been spent on salary of ambulance driver.
27.	25 % employment should be given to the local people.	Employment will be provided to the local people in accordance to the notification of H.P. Government.	As per H.P Govt. notification employment will be provided to the local people. In compliance of this M/s PEL has provided employment to 74 nos. peoples and HPPCL has provided 10 Nos. employment to local people on outsource basis.
28.	All males above the age of 18 years should be treated a separate family and should be incorporated in R & R plan. As forest produce is likely to be destroyed due to construction of project, therefore, families which are depending upon forest produce for their livelihood should also be added in project affected families.	Project Proponent informed that there is no such provision in R & R plan approved by the State Govt.	During the impose of section-IV the families registered in Panchayat's Parivar register has been considered as Project affected families and accordingly benefits under R&R plan has been given to them.
29.	Due to submergence of sand / grits quarry in the project local	Project proponent assured to give only free sand grit	The project proponent is providing the sand and

Shongtong Karchham HEP (402 MW)

	people should be provided sand/grits and it should be made available through for next 40 years and there should be agreement between local people and project proponent.	to construct two rooms set to each PAF.	aggregates free of cost to project affected families to construct two rooms set. Detail of sand and aggregates provided to PAF's in this monitoring period is attached as Annexure-.VII.
30.	RCC structure should be provided along the banks of reservoir in order to avoid land slide.	Project Proponent agreed to provide RCC structure along the banks of reservoir.	RCC structure in reservoir area will be constructed when construction of the dam in the barrage area will be started.

Shongtong Karchham HEP (402 MW)

Detail of issues raised during Public Hearing on 28.07.2009 and 29.07.2009 for Shongtong-Karchham HEP (Powari-Ralli), organized by H. P. State Pollution Control Board at village Ralli, Tehsil Kalpa, Distt. Kinnaur H.P. respectively:-

Sr. No.	Issues Raised at Ralli	Remarks on the issue raised	Status Till date
1.	Dust from the construction of project is likely to pose serious health problems and will cause damage to orchards and crops which has not been indicated in EIA/EMP report. solution to this problem should be indicated in EIA/EMP	Mitigation measure to control dust due to construction of project have been suggested in EIA/EMP report, which has been assured by the project proponent to be implemented, so that water/air quality is kept within the prescribed norms and there is no damage to the orchards/crops and to the health of local people. Moreover, the same is also checked by HPSPCB time to time.	The project proponent is following the mitigation measures to suppress the dust and gaseous emission. The condition is being compiled by the contractor. The DG sets have been provided with acoustic enclosures and proper stack height. The water tanker has been deployed in the project area to sprinkle the water in the project area to suppress the dust emission due to movement of vehicles. HP State pollution Control board is monitoring the parameters quarterly and all the parameters are within the prescribed limits.
2.	Two stone crushers are proposed to be established by the HPPCL. Mebar and Ralli villagers will be mostly affected. These villages should be properly compensated by the project proponent in case of damage caused by establishing stone crusher.	Project Proponent assured that pollution control measures as prescribed in EPA, 1986 shall be provided so as to keep pollution within the prescribed limit in case any damage is caused due to construction of project	The project proponent is following all the safeguard measures. Till date only one Stone crusher has been installed at Barrage area well away from Ralli village, in case any damage is caused due to construction of project

		it shall be compensated by the project proponent.	it shall be compensated by the project proponent.
3.	Muck should be dumped in proper and safe place adequately away from HFL.	Project Proponent clarified that Muck will be dumped in safe designated dumping sites away from HFL and with adequate safe engineering structure so that there is no seepage of muck into river.	Muck management Plan as approved by MoEF and HPSPCB is being implemented. The muck is being dumped in designated dumping sites and with adequate safe engineering structure so that there is no seepage of muck into river under the supervision of H.P forest deptt. and HPSPCB.. The Monthly muck statement is being submitted to HPSPCB every month.
4.	Tunnel Boring Machine (TBM) should be used for construction of underground works so that there is minimum damage in the project area.	It was assured by project proponent that if technically, it is possible, TBM can be used.	As per the Geological strata around the project area and the alignment of the project using TBM is not possible. To monitor the blast vibrations arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monthly monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad. The blast vibrations are under the permissible limits as no damage to house of local people has been observed.

5.	Due to submergence of sand/grits quarry in the project local people should be provide sand/grits and it should damage available through for next 40 years and there should be agreement between local people and project proponent.	Project proponent assured to give only free sand grit to construct two rooms set to each PAF.	The project proponent is providing the sand and aggregates free of cost to project affected families to construct two rooms set. Detail of sand and aggregates provided to PAF's in this monitoring period is already attached as Annexure-VII
6.	Provision for 2% royalty should be made in R&R plan as per Govt. of India National Hydel Power policy 2008.	Project Proponent informed that this issue is under consideration of state govt.	The project proponent is committed to provide royalty @ 1% as per H.P State Govt. norms
7.	There are two water sources above villages Mebar and Ralli which are used for drinking as well as for irrigation. These sources are at the height of 10-11 thousand feet which is likely to be damaged due to construction of surge shaft. The project proponent should give in writing to provide water for drinking as well as for irrigation in case these sources are damaged due to construction of project.	A committee comprising of members of Project Proponent, IPH and representative of concerned Panchayat will be constituted and documentation including Videography/ photography of the existing water sources shall be carried out, before starting the construction work. In case of reduction observed in the flow of water, it shall be compensated by	A committee comprising of members of Project Proponent, IPH and representative of concerned Panchayat was constituted and documentation including Videography/ photography of the existing water sources had been carried out, before starting the construction work. Moreover, to monitor the blast vibrations arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monthly monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad. The blast vibrations are under the permissible limits. In case of

Shongtong Karchham HEP (402 MW)

			reduction observed in the flow of water, it shall be compensated by the project proponent.
8.	Compensation for acquiring land should be through negotiation by Deputy Commissioner Kinnaur.	The project proponent agreed for negotiation.	Land has been acquired after negotiation with the land holders.
9.	Workers from other state employed in this project should not be allowed to vote in the elections.	Additional Magistrate informed that as per constitution of India, voting right can be exercised at only one place.	As per constitution of India, voting right can be exercised at only one place. The works belonging to their residence areas can only vote in that area.

ANNEX - IV



H.P. STATE POLLUTION CONTROL BOARD

"Opp. Indira Market, Rampur, Dist. Shimla, H.P."
Phone and Fax No. 222222

NO. HPPCB/RMP/Shongtong Karcham/ 576

Dated/ 2/8/2022

To

M/s Shongtong Karcham HEP,
VPO Reckong Peo, Tehsil Kalpa,
Distt. Kinnaur H.P.

Subject: Report of the Board Analyst.

Sir,

Please find enclosed herewith the lab analyses report No. 139 to 147 for the month of May, 2022 for your kind information and record.

Yours faithfully,



Anju Negi

(Er. Anju Negi)
Asstt. Environmental Engineer
H.P. State Pollution Control Board,
RO Rampur, Distt. Shimla H.P.

Encl: As above.

04/08/22

DM (ENV-2)
05/08/22

264

8-08-2022

ANNEX -

No. 5377
H.P. Forest Department

Dated R/Peo, the 17-11-2022

From: D.C.F. Kinnaur.

To: C.C.F. (T) Rampur.

Subject

Submission of quarterly progress report regarding HP State CAMPA for the quarter ending 30.09.2022.

Memo:

The quarterly progress report regarding Compensatory Afforestation under HP State CAMPA for the quarter ending 30.09.2022. in respect of Kinnuar Forest Division on the prescribed format for favour of information and necessary action please.

Encl: As above.

R Madh
Deputy Conservator of Forests,
Kinnaur Forest Division at R/Peo

Quarterly Progress Report Quarter ending 30.09.2022 under Compensatory Afforestation in respect of Kinnar Forest Division at Reckong Poo.

Component	Name of Range	Name of Block	Name of Beat	Name of Arca	Name of Work	Total Allotment			Target Achieved up to previous quarter		Target Achieved upto 30.09.2022.		Progressive Achievement		Remarks.	
						Norm per Unit	Phy. (ha.)	Amount (Rs.)	Phy. (Ha.) / (No.)	Amount (Rs.)	Phy. (Ha.) / (No.)	Amount (Rs.)	Phy. (Ha.) / (No.)	Amount (Rs.)		
Plantations	Kilba	Sangla	Rakeham	UF Kharogla	40,800	5	2,04,000	0	0	74208	0	74208	0			
	Kilba	Sangla	Rakeham	UF Chichir	40,800	3	1,22,400	0	0	44525	0	44525	0			
	Kilba	Sangla	Rakeham	UF-Baspa	40,800	2	81,600	0	0	29683	0	29683	0			
	Kilba	Sangla	Sangla	UF-Sangla	40,800	3	1,22,400	0	0	44525	0	44525	0			
	Kilba	Sangla	Chansu	UF-Chansu	40,800	3	1,22,400	0	0	44525	0	44525	0			
	Kilba	Sangla	Seinjechhe	UF-Seinjechhe	40,800	3	1,22,400	0	0	44525	0	44525	0			
	Kilba	Karchham	Ralli	UF-Ralli	40,800	3	1,22,400	0	0	69225	0	69225	0			
	Kilba	Karchham	Shong	UF-Shong	40,800	3	1,22,400	0	0	44525	0	44525	0			
	Kilba	Karchham	Sapni	UF-Spanti	40,800	3	1,22,400	0	0	44525	0	44525	0			
	Kilba	Kilba	Kilba	UF-Kilba	40,800	2	81,600	0	0	29683	0	29683	0			
	Kilba	Kilba	Punang	UF-Punang	40,800	2	81,600	0	0	29683	0	29683	0			
	Kilba	Kalpa	Rogi	UF-244	40,800	5	2,04,000	0	0	175778	0	175778	0			
		Kalpa	Urni	Runang	NC-28 Tharoo	40,800	5	2,04,000	0	0	57778	0	57778	0		
					Total Advance Works		42	17,13,600	0	0	7,33,188	0	7,33,188	0		
	Plantations	B/nagar	B/nagar	Bara Kamba	UF-Cholhu	65700	6	394200	0	0	394200	6	394200	6		
Kalpa		Urni	Runang	UF Runang	65700	5	328500	0	0	247900	0	247900	0			
Kalpa		Kalpa	Kalpa	C-239	65700	2	131400	0	0	131400	2	131400	2			
Kalpa		Urni	Runang	NC-27	65700	5	328500	0	0	0	0	0	0			
Katgaon		Katgaon	Katgaon	UF-Rarang Thach	65700	10	657000	0	0	419937	0	419937	0			
Kilba		Sangla	Chasu	C-152 (b) Chasu	65700	2	131400	0	0	131400	2	131400	2			
Kilba		Sangla	Chasu	UF-Palingcha	65700	5	328500	0	0	154300	0	154300	0			
Kilba		Karchham	Spanti	UF-Kamai	65700	7	459900	0	0	240800	0	240800	0			
Kilba		Kilba	Punang	C-135	65700	4	262800	0	0	42400	0	42400	0			
Nichar		Nichar	Nichar	DPF Dippi-C-127	65700	1	65700	0	1	65700	1	65700	1			
Nichar		Nichar	Nichar	UPF- Dippi	65700	2	131400	0	0	0	0	0	0			
Nichar		Nichar	Parvi	UPF- Dippi	65700	9	591300	0	0	572700	0	572700	0			
Nichar		Nichar	Kakshal	C-128	65700	3	197100	0	0	0	0	0	0			

Moorang	Jangi	Lippa	UF-Astrang	maint.	8900	10	89000	0	0	0	0	0	0	0	0	0	0	0	0
Moorang	Riba	Moorang	UF-Nesang	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Moorang	Jangi	Rarang	UF-Akpa	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Pooh	Pooh	Namgia	UF-Namgia	maint.	8900	10	89000	0	0	0	0	0	0	0	0	0	0	0	0
Pooh	Karam	Sunnam	UF-Sunnam	maint.	8900	20	178000	0	0	0	0	0	0	0	0	0	0	0	0
B/Nagar	B/Nagar	B/Nagar	UF-Shorang	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
B/Nagar	B/Nagar	B/Kamba	UF-Gashu	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
B/Nagar	B/Nagar	Rupi	UF-Roopi	maint.	8900	3	26700	0	0	0	0	0	0	0	0	0	0	0	0
B/Nagar	B/Nagar	Rupi	UF-Burang	maint.	8900	2	17800	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Sangla	Sangla	C-154 C	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Sangla	Chasu	C-152b	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Kilba	Kilba	C-140	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Kilba	Punang	C-136	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Sangla	Seringcha	C-157	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Karcham	Shong	C-165	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Karcham	Sapni	C-166	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Kilba	Karcham	Ralli	UF-Maber	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Nichar	Taranda	Taranda	C-72 a	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Nichar	Taranda	Taranda	C-72 b	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0
Nichar	Taranda	Thach	C-70 a	maint.	8900	2.5	22250	0	0	0	0	0	0	0	0	0	0	0	0
Nichar	Taranda	Thach	C-69	maint.	8900	2.5	22250	0	0	0	0	0	0	0	0	0	0	0	0
Nichar	Nichar	Parvi	C-86 a	maint.	8900	5	44500	0	0	0	0	0	0	0	0	0	0	0	0

Nichar	Nichar	Parvi	C-86 b	maint.	8900	5	44500	0	0	5	44500	5	44500
Nichar	Nichar	Nichar	UF-wangtoo	maint.	8900	5	44500	0	0	5	44500	5	44500
Nichar	Nichar	Barri	UF-Khao	maint.	8900	5	44500	0	0	5	44500	5	44500
Maling	Leo	Chulling	UF-Hango	maint.	8900	6	53400	0	0	0	0	0	0
Maling	Leo	Chulling	UF-Changcha	maint.	8900	3	26700	0	0	0	0	0	0
Maling	Maling	Maling	UF-Maling	maint.	8900	10	89000	0	0	0	0	0	0
Maling	Maling	Changvo	UF-Nothong	maint.	8900	3	26700	0	0	0	0	0	0
Katgaon	Katgaon	Nalpa	C-92	maint.	8900	10	89000	0	0	10	89000	10	89000
Katgaon	Katgaon	Kafnoo	UPF-27 Bai	maint.	8900	10	89000	0	0	10	89000	10	89000
Katgaon	Katgaon	Mustang	Yangpa	maint.	8900	10	89000	0	0	10	89000	10	89000
Katgaon	Katgaon	Kafnoo	Thungach	maint.	8900	10	89000	0	0	10	89000	10	89000
Jan year Maintenance						287	2554300	0	0	80	943800	80	943800
Maintenance	Kilba	Karchham	Ralli	UF-Ralli	maint.	4600	64400	0	0	14	64400	14	64400
	Kilba	Karchham	Shong	C-148	maint.	4600	27600	0	0	6	27600	6	27600
	Kilba	Sangla	Rakchham	UF Chhinkul	maint.	4600	23000	0	0	0	7500	0	7500
	Kilba	Sangla	Rakchham	UF Rakchham	maint.	4600	23000	0	0	0	13300	0	13300
	Kilba	Sangla	Sringcha	C-162	maint.	4600	50600	0	0	0	41200	0	41200
	Kilba	Sangla	Rakchham	UF-160	maint.	4600	18400	0	0	4	6000	4	6000
	Pooh	Kanam	Glaboung	C-202 Tam	maint.	4600	46000	0	0	0	0	0	0
	Pooh	Pooh	Dubling	UF-Dubling	maint.	4600	46000	0	0	0	0	0	0
	B/Nagar	B/Nagar	C/Kamba	UF-Bada Kamba	maint.	4600	32200	0	0	0	19100	0	19100
	B/Nagar	B/Nagar	Rupi	UF-Rupi	maint.	4600	36800	0	0	0	19100	0	19100
	Katgaon	Katgaon	Katgaon	UF-30	maint.	4600	46000	0	0	10	46000	10	46000

	Kilba	Karchham	Sapni	C-141	maint.	4600	5		23000	0	0	0	7500
	Kilba	Sangla	Rakchham	UF-160	maint.	4600	5		23000	0	0	0	16000
	Kargaon	Kargaon	Kafnoo	Rangbach	maint.	4600	5		23000	0	0	5	23000
	Kargaon	Kargaon	Nathpa	UPF- Nathpa 26	maint.	4600	5		23000	0	0	5	23000
	Kargaon	Kargaon	Murang	UPF-Dharchhi	maint.	4600	5		23000	0	0	5	23000
	Nichar	Nichar	Nichar	UF Wangtoo	maint.	4600	15		69000	0	0	0	0
	B/Nagar	B/Nagar	Chaura	NC-1	maint.	4600	5		23000	0	0	0	9000
	B/Nagar	Sholhu	Janni Ramni	UF-Ramni	maint.	4600	5		23000	0	0	5	23000
	B/Nagar	B/Nagar	C/Ramba	UF-Garshu	maint.	4600	5		23000	0	0	0	9300
	Moorang	Ribba	Ribba	C-186	maint.	4600	5		23000	0	0	0	0
	Moorang	Ribba	Ribba	C-189	maint.	4600	5		23000	0	0	0	0
	Total 5th year Maintenance						95		437000	0	0	20	156900
	6th year Maintenance												
	Kilba	Karchham	Sapni	C-166	maint.	4600	10		46000	0	0	0	15000
	Kilba	Sangla	Rakchham	UF-160	maint.	4600	20		92000	0	0	0	63000
	Kilba	Karchham	Ralli	C-167	maint.	4600	10		46000	0	0	10	43300
	Kargaon	Kargaon	Kafnoo	UF-29	maint.	4600	10		46000	0	0	10	46000
	B/Nagar	B/Nagar	B/Nagar	UF-Baba Nagar	maint.	4600	5		23000	0	0	0	0
	Moorang	Ribba	Moorang	UF-Shurting	maint.	4600	10		46000	0	0	0	0
	Moorang	Ribba	Moorang	UF-Lamon	maint.	4600	10		46000	0	0	0	0
	Moorang	Jangi	Jangi	UF-Jangi	maint.	4600	10		46000	0	0	0	0
	Moorang	Jangi	Lippa	UF-Astrang	maint.	4600	10		46000	0	0	0	0
	Moorang	Jangi	Rarang	UF-Khatra	maint.	4600	10		46000	0	0	0	0
	Moorang	Jangi	Lippa	C-215	maint.	4600	10		46000	0	0	0	0
	Total 6th year Maintenance						115		529000	0	0	0	0
	7th year Maintenance												
	Kalpa	Shongtong	Tangling	UF Landhar	maint.	4600	10		46000	0	0	0	0
	Kalpa	Shongtong	C-176	C-176	maint.	4600	10		46000	0	0	0	0
	Nichar	Nichar	Kakshai	Doopoc	maint.	4600	6.5		29900	0	0	6.5	29900
	Kargaon	Kargaon	Nathapa	UF- Rarang Thach	maint.	4600	9.5		43700	0	0	9.5	43700
	Kargaon	Kargaon	Kafnoo	UF-29	maint.	4600	8		36800	0	0	8	36800
	Kilba	Karchham	Sapni	Kangrus Dehai	maint.	4600	10		46000	0	0	0	15000

Year	Maintenance	Location	Category	Area	Unit	Value	Count	Value	Count	Value	Count	Value	Count	Value	Count
9th year	Maintenance	Kalpa	Urni	Runang	C-248	maint.	4600	10	46000	0	0	24	125400	24	125400
		Nichar	Nichar	Kakshai	UF - Kakshai	maint.	4600	10	46000	0	0	0	0	0	0
		Nichar	Nichar	Nichar	UF-Sumo	maint.	4600	15	69000	0	0	15	69000	15	69000
		B/Nagar	B/Nagar	B/nagar	UF-Maneoti	maint.	4600	10	46000	0	0	0	36200	0	36200
		B/Nagar	B/Nagar	B/nagar	UF-Baba Nagar	maint.	4600	15	69000	0	0	0	45000	0	45000
		Kilba	Karchham	Sapni	UF-Dharwadang	maint.	4600	15	69000	0	0	0	22700	0	22700
		Kilba	Karchham	Sapni	UF-Wadang	maint.	4600	10	46000	0	0	0	15000	0	15000
		Kilba	Karchham	Shong	C-165-I	maint.	4600	10	46000	0	0	10	46000	10	46000
		Kilba	Karchham	Shong	C-165-II	maint.	4600	10	46000	0	0	10	46000	10	46000
		Kilba	Karchham	Ralli	UF-Ralli	maint.	4600	10	46000	0	0	10	46000	10	46000
Total 8th year Maintenance							115	529000	0	0	45	325900	45	325900	0
9th year	Maintenance	Kalpa	Urni	Runang	C-248	maint.	4600	10	46000	0	0	0	0	0	0
		B/Nagar	B/Nagar	B/nagar	C-73	maint.	4600	20	92000	0	0	20	91000	20	91000
Total 9th year Maintenance							30	138000	0	0	20	91000	20	91000	0
10th year	Maintenance	Kalpa	Urni	Runang	C-248	maint.	4600	10	46000	0	0	0	0	0	0
Total 10th year Maintenance							10	46000	0	0	0	0	0	0	0
Total Advance work, Planting in Land bank.							137	7718300	0	0	33	4342525	33	4342525	0
Grant Total :-							133450	16648950	0	0	365	7878350	365	7878350	0

Deputy Conservator of Forests,
 Kinnair Forest Division
 R/P Pgo HP.

Head wise proforma of Advance for the month of September, 2022 as per SAP (Figures are in Lakh) in r/o STKHEP, HPPCL

Sr No.	Head of Accounts	Opening balance for the month of September, 2022	Adjusted during the month of September, 2022	Issued during the month of September, 2022	Closing Balance at the end of the month September, 2022
1	Establishment charges	0.15	0.10	0.10	0.15
2	Maintenance				
3	R&R	64.45			64.45
4	Environment	0.00			0.00
5	Infrastructure work	0.00			0.00
6	Main work civil	6968.82	403.15		6565.67
7	Main work E&M	1668.87			1668.87
8	Land Acquisition Officer	0.00			0.00
9	Construction Power	31.76			31.76
10	Advance to HPSEBL for shifting of 22KV Line from dumping site no.-3	13.08			13.08
11	Deposit with high court/ Tax Authorities	0.00			0.00
12	Survey investigation works	0.00			0.00
13	Others (NH Div.)	0.00			0.00
14	Computer Printer/cartridge	0.00			0.00
Grand Total		8747.13	403.25	0.10	8343.98

**EXPENDITURE INCURRED ON IMPLEMENTATION OF ENVIRONMENT
MANAGEMENT PLAN IN R/O SHONGTONG KARCHHAM HEP (402 MW) TILL
30/09/2022**

Sr. No.	Component	Budget Allocated in EMP	Budget Utilized/Released	Implementation Agency
1	Compensatory Afforestation and Biodiversity Conservation Plan			
	Compensatory Afforestation	16647259	17465952	HP Forest Deptt. – DFO, Kinnaur
	NPV	36830870	56960846	HP Forest Deptt. – DFO, Kinnaur
	Cost of Trees	6470000	8545256	HPPCL & HP Forest Deptt. – DFO, Kinnaur
	Total	59948129	82972054	
2	CAT Plan			
	CAT Plan	604416000	604416000	HP Forest Deptt.
3	Fisheries Management Plan			
	Fisheries Management Plan	22600000	3500000	HP Fisheries Deptt.
4	Public Health Delivery System			
	Control of Malaria	62300000	34883338	HPPCL/Contractor/State Aids Control Society (SACS)
	Development of Medical Facilities			
	HIV/AIDS Prevention and Management			
	Disposal of Biomedical Waste			
5	Environment Management in Labor Camps			
	Provision of Heating	0	94860808	EPC Contractor.
	Provision of Water Supply	0		
	Sanitation and Sewage Treatment Facilities	6200000		
	Solid Waste Management	4350000		
	Provision of Free Fuel	29670000		
	Police Post	20090000		
		60310000		
6	Muck Management Plan			
	D1: max. quality to be dumped 349000 cum	184,710,000	368600543	EPC Contractor. However will be inspected by HPSPCB, HP State Forests Deptt., MoEF from time to time.
	D2: max. quality to be dumped 761645 cum			
	D3: max. quality to be dumped 237300 cum			
	D4: max. quality to be dumped 417900 cum			
	D5: max. quality to be dumped 115750 cum			
	D6: max. quality to be dumped 25750 cum			
	D7: max. quality to be dumped 111600 cum			

Sr. No.	Component	Budget Allocated in EMP	Budget Utilized/Released	Implementation Agency
	D8: max. quality to be dumped 187300 cum			
	Total		368600543	
7	Restoration and Landscaping of Construction Sites			
	Restoration of borrow area			EPC Contractor & HPPCL in consultation with HP Forest Department
	Filling up the land with soil	1000000	0	
	Cost of green manure	400000	0	
	Cost of sapling (10,000 saplings/ ha) @ Rs.5.00 per sapling	50000	0	
	Cost of fertilizers and pesticides	400000	0	
	Fencing with RCC pillars and barbed wire	300000	0	
	Maintenance activities including cleaning of weeds @ Rs.50,000 for 5 years	250000	0	
	Digging of pits	100000	0	
	Construction of garland drain	2000000	0	
	Bench terracing	5000000	0	
	Total	10500000	0	
	Landscaping and Restoration Plan	5000000	0	
	Total	15500000	0	
8	Environment Management in Road Construction			
	Clearing and grubbing @ Rs.0.05 million/km for 6 km	300000	320000	EPC Contractor.
	Provision of breast walls, construction of catch water and interceptor drains @ Rs.0.30 million/km for 6 km	1800000	3106552	
	Provision of drainage system along roads @ Rs.0.14 million/km for 6 km	600000	901625	
	Roadside plantation, Jute matting etc. @ Rs.0.07 million/km for 6 km	420000	0	
	Provision of water for spray @ Rs. 200/tanker for 50 tankers per day for a construction period of 200 days	2000000	2200000	

Sr. No.	Component	Budget Allocated in EMP	Budget Utilized/Released	Implementation Agency
	Compaction of Kutch roads	2000000	21500000	
	Total	7120000	28028177	
9	Green Belt Development Plan			
	Plantation in the area of 40 Hactares	4000000	0	EPC Contractor & HPPCL in consultation with HP Forest Department
10	Control of Air Pollution			
	Repair of roads during construction phase	2000000	17359075	EPC Contractor and supervise by HPPCL and HPSPCB
	3 Traffic managers @ Rs. 10,000 per month for 6 years including 10% escalation per year	2780000		
	5 sweeper @ Rs. 5,000 per month for 6 years including 10% escalation per year	2310000		
	Provision for water spray @ Rs. 200/ tanker for 10 tankers per day for a period of 6 years (@ escalation of 1-0% every year)	5630000		
	Total	12720000	17359075	
11	Control of Noise Pollution			
	Construction of acoustic enclosure for DG sets	500000	11535391	EPC Contractor and supervise by HPPCL and HPSPCB
	Maintenance of DG sets	600000		
	Total	1100000	18577222	
12	Control of Water Pollution			
	Settling Tanks at various construction sites	3000000	185000	EPC Contractor and supervise by HPPCL and HPSPCB
13	R&R Plan			
	Financial Assistance under standard R&R plan	16500000	303066000	HPPCL
	Funds for R&R scheme	7800000		
	Contingencies including compensation for unforeseen damages, development works etc.	15000000		
	LADF	421100000	235600000	
	Total	460400000	538666000	
14	Environment Monitoring Plan			

Sr. No.	Component	Budget Allocated in EMP	Budget Utilized/Released	Implementation Agency
	Effluent from septic tanks	28080000	2769794	Himachal Pradesh State Pollution Control Board (HPSPCB)
	Water Quality (Surface)			
	Water Quality (Groundwater)			
	Water-related diseases			
	Noise			
	Air quality			
	Meteorological aspects			
	Environment Monitoring	4000000	4000000	Centre for Science and Environment, GoHP
	Total	32080000	6769794	
15	Compensation due to loss of agriculture produce during construction phase	10000000	15265000	HPPCL
16	Consultancy for CDM	5000000	0	HPPCL
17	Consent to Establish and its renewal	4500000	4,220,000	HPPCL
	Total (Rupees)	1,549,704,129	1818303011	
Note	Additional amount of Rs. 13673737 for regenerating equivalent amount of degraded forest area in addition to Compensatory Afforestation as leved by MoEF while Granting Stage-I, Foest Clearance has also been submitted to DFO, Kinnaur			
	Grand Total (Rupees)		1831976748	

Details of data evaluated, recorded on Seismograph, for the month of August 2022, installed at project affected panchayats

Location	Component	Location/R.D.	Date of Blast	Time of Blast	Qty. of Explosive(Kg)	Delay used	Depth & Dia of Hole	Observed Peak Particle Velocity(MM/S)	Direction of maximum PPV	Frequency
Powari & Khawan gi	Freeder Tunnel Gate Gallery	409	03.08.2022	11.00AM	125	10	3.5MM-45 DIA	0.012	N	49.0,18
	Freeder Tunnel Gate Gallery	415	03.08.2022	8.00AM	125	10	3.5MM-45 DIA	0.069	E	12.9,7.1,23
	Freeder Tunnel Gate Gallery	421	05.08.2022	2.15AM	125	10	3.5MM-45 DIA	0.007	N	0.01,0.01,0.01
	Freeder Tunnel Gate Gallery	424	30.08.2022	4.30AM	125	10	3.5MM-45 DIA	0.025	E	13.1,2.9,1
	Freeder Tunnel Gate Gallery	427	31.08.2022	4.00AM	125	10	3.5MM-45 DIA	0.039	E	47.9,0.01
	Freeder Tunnel Gate Gallery	433	02.08.2022	7.30PM	125	10	3.5MM-45 DIA	0.001	N	13.9,2.34
	Chamber 3	216	05.08.2022	6.00AM	108	10	3.5MM-45 DIA	0.049	E	47.12,1.23,1
	Chamber 3	225	06.08.2022	5.00AM	108	10	3.5MM-45 DIA	0.002	E	23,47,0
	Chamber 3	228	07.08.2022	7.00PM	108	10	3.5MM-45 DIA	0.012	E	7.4,8.9,47
	Chamber 3	231	11.08.2022	3.15AM	108	10	3.5MM-45 DIA	0.1	N	0.01,0.01,0.01
	Chamber 3	258	12.08.2022	3.00PM	108	10	3.5MM-45 DIA	0.034	N	1.23,47
	Chamber 3	260	17.08.2022	4.00AM	108	10	3.5MM-45 DIA	0.009	E	9.7,1.9
	Chamber 4	231	17.08.2022	8.00PM	108	10	3.5MM-45 DIA	0.0023	N	47,0,0.01
	Chamber 4	216	05.08.2022	2.00AM	108	10	3.5MM-45 DIA	0.04	E	23,45,17
	Chamber 4	243	06.08.2022	1.00PM	109	10	3.5MM-45 DIA	0.04	N	0.01,0.01,0

Chamber 4	246	07.08.2022	12.00AM	10	10	3.5MM-45 DIA	0.065	E	467,0,12,3
Chamber 4	249	11.08.2022	3.00PM	108	10	3.5MM-45 DIA	0.078	N	13,4,9,7
Chamber 4	255	12.08.2022	2.00AM	108	10	3.5MM-45 DIA	0.089	N	12,1,3,4,0
Chamber 4	258	17.08.2022	5.00PM	108	10	3.5MM-45 DIA	0.02	N	0,1,0,0,1,0,1
Chamber 4	260	17.08.2022	8.00PM	108	10	3.5MM-45 DIA	0.04	E	47,0,1
Face III	14,34	11.08.2022	3.00PM	300	10	3.5MM-45 DIA	0.002	N	7,4,8,9,47
Face III	14,36	12.08.2022	4.00AM	250	10	3.5MM-45 DIA	0.012	E	0,01,0,01,0,01
Face III	14,39	17.08.2022	8.00PM	250	10	3.5MM-45 DIA	0.1	N	1,23,47
Face IV	15,18,6	17.08.2022	2.00AM	280	10	3.5MM-45 DIA	0.034	E	9,7,1,9

Atul Chavla

AE (R&R)

Navin Nym (R&R)

Detail of Sand & Aggregate issued to PAF's in r/o STKHEP w.e.f. April 2022 to September 2022

Sr. No	Name/Father Name	Sand	Aggregate
1	Santosh Kumari S/o SH. Bhajan Singh	400	348
2	Krishan Dev S/o Sh. Dev Dutt	400	348
3	Yashwant Singh S/o Rama Nand	143	0
4	Rajender Singn S/o Sh. Ganga	450	273
5	Geeta Bhagat S/o Chering Jiu	143	0
6	Ramesh Chand S/o Charan Sukh	450	278
7	Maya Devi W/o Bhagwar Dass	450	148
8	Yangur Sain S/o Vidya Ram	350	273
9	Charan Sukh S/o Nar Dutt	350	198
10	Maan Dass S/o Sh. Rattan Lal	350	148
11	Diwan Chand s/o Sh Ziu Var	350	148
12	Jagdish Kumar S/o Sh. Kanchak Ram	350	278
13	Prem Singh S/o Shri Amar Sukh	400	278
14	Krishan Chand S/o Sh. Ram Bhagat	400	278
15	Pyare Lal S/o Sh. Kalua Ram	400	278
16	Charan Dassi W/o Leku Ram	400	278
17	Hardev Chand S/o Sh. Charan Sukh	400	278
18	Bhisham Kumar S/o Sh. Kalua Ram	400	278
19	Som Krishan S/o Sh. Gambir Chand	400	275
20	Raj Krishan S/o Lafan Sain	350	348
21	Raghunath Singh S/o sh. Ishwar Dass	350	278
22	Dewa Guru S/o Banti Lal	350	0
23	Chattar Sukh S/o Sh. Nardutt	350	278
24	Jagdish Kumar S/o Sh. Kanchak Ram	350	270
25	Gulab Zin W/o SH. Kanchak Ram	350	350
26	Mohan Kumar S/o Thukden Chhodup	193	0
27	Deep Ram S/o Sh. Kesru Ram	400	278
28	Suvinder Singh S/o Sh. Narpat Ram	400	0
29	Heera Mani W/o Sh. Kalua Ram	400	278
30	Parkash Chand S/o Sh. Kalua Ram	400	270
31	Thakur Singh S/o Sh. Rattan Dass	400	278
32	Keshav Ram s/o Sh. Rattan Sukh	400	0
33	Layak Ram S/o Sh. Veer Lal	400	278
34	Heera Mani W/o Sh. Kalua Ram	400	270
35	Shiv Ram S/o SH. Kesru Ram	400	278
36	Byas Chand s/o Sh. Mil Sukh	400	278
37	Prem Devi S/o SH. Devi Ram	400	348
38	Shya Chand S/o Sh. Padam Nar	400	278
39	Nand Lal S/o Sewa Sukh	300	148
40	Prem Kumar S/o Sh. Sukh Nar	400	278

41	Sharvan Kumar S/o Sh. Chattar Singh	400	278
42	Puran Bhagat S/o SH. Govind Singh	400	278
43	Pyare Lal S/o Sh. Kalua Ram	400	270
44	Mangla Devi W/o Sh. Ramesh Chand	400	278
45	Bir Chand S/o Sh. Dev Sukh	400	278
46	Ram Dass S/o Sh. Jiya Lal	400	278
47	Vidya Sagar S/o Sohan Lal	400	348
48	Shiv Ram S/o SH. Kesru Ram	400	270
49	Angia Ram S/o Sh. Padam Lal	400	348
50	Sushil Dawaj S/o Sh. Kaka Ram	400	278
51	Sikender Singh S/o Sh. Jawari Lal	400	278
52	Jagdish Kumar S/o Sh. Devi Ram	400	273
53	Prem Chand S/o sh. Kalua Ram	400	273
54	Purshoam Kumar S/o Sh. Najar Sain	400	278
55	Virender Singh S/o Devi Dass	350	348
56	Prem Kumar S/o Sh. Sukh Nar	400	270
57	Veer Chand S/o Sh. Dev Sukh	400	270
58	Bansi Lal S/o Sh. Gian Sukh	350	275
59	Raj Krishan S/o Lafan Sain	300	0
60	Sundari W/o Jawan Sukh	400	278
61	Charan Dassi W/o Leku Ram	493	0
62	Yangur Sain S/o Vidya Ram	400	0
63	Hishe Ram S/o Vidya Nar	400	273
64	Chaman Lal S/o Sh. Sewa Sukh	400	348
65	Govind Sukh S/o Sh. Cheyang Sukh	400	278
66	Chokhu Ram S/o Sh. Nar Dutt	400	278
67	Joban Dass S/o Jyoti Lal	400	348
68	Sher Singh S/o sh. Ram Sah	193	0
69	Ravinder Kumar S/o Sher Singh	193	0
70	Hari Krishan S/o Sh. Prem Prakash	400	348
71	Puran Bhagat S/o SH. Govind Singh	400	270
72	Prem Singh S/o Sh. Amar Sukh	400	0
73	Vijay Kumar S/o Bhag sukh	143	0
74	Dev Singh s/o Sh. Dewa Zor	400	270
75	Madan Sukh S/o Jiti Sukh	400	148
76	Jangmo Pati W/o Sh. Subir Singh	450	278
77	Vinod Kumar S/o Sh. Semfel Singh	450	278
78	Jai Singh s/o Sh. Chet ram	450	278
79	Manohar Singh s/o SH. Sher Singh	400	273
80	Chander Mani W/o Sh. Sher Singh	400	278
81	Dropti Devi w/o Sh. Krishan Gopal	400	278
82	Rajesh Kumar S/o Sh. Samfel Singh	400	278
83	Bhupender Singh S/o Sh. Chhaterdhar Singh	400	275
84	Karam Singh S/o SH. Bahadar Singh	350	278
85	Manjeet Singh S/o Sh. Sunder Lal	350	278
86	Balwan Singh S/o Sh. Raj Kumar	400	348

87	Sohan Kumar S/o Sh. Dakpa Namgial	400	278
88	Manoj Kumar S/o SH. Yangbar	400	248
89	Chunni Lal S/o Sh. Samku Ram	243	0
90	Basant Ram S/o Sh. Pal Sukh	400	278
91	Ram Mohan S/o sh. Krishan Dev	400	273
92	Ganga Devi W/o SH. Galden Nargu	400	348
93	Rajesh Kumar S/o Sh. Samfel Singh	400	270
94	Ajeet Singh S/o sh. Panma chhering	400	278
95	Heera Dassi W/o Tashi Sanam	400	278
96	Nargu Ram S/o Sh. Dewa Ram	400	278
97	Sanjay Kumar s/o sh. Palas Ram	400	278
98	Sukh Dev Singh S/o sh. Vinya Singh	400	0
99	Ramesh Kumar S/o Sh. Raghu Lal	400	348
100	Zangmo Pati W/o Sh. Sudhir singh	400	270
101	Suraj Kumari D/o smt. Padam Pati	400	148
102	Rajesh Kumar S/o Sh. Samfel Singh	443	0
103	Raj Kumar s/o Sh. Ugar Sain	493	0
104	Sharwan Kumar S/o Sh. Balwant Singh	350	278
105	Basant Ram S/o Sh. Pal Sukh	400	270
106	Maan Devi W/o Sh. Vijay Kumar	350	148
107	Karan singh S/o Sh. Badar Singh	400	270
108	Balwan Singh S/o Sh. Raj Kumar	500	0
109	Narayan Bhagati W/o Sh. Uma Singh	400	0
110	Nagender Singh S/o Sh. Sanam Sukh	400	278
111	Mal Nar S/o Sh. Sanam Sukh	400	278
112	Radha Singh S/o Sh. Galden Nargu	400	270
113	Kuldeep Singh S/o sh. Uday Singh	500	0
114	Banes Pati W/o Jeet Bhag	400	278
115	Padam Mani W/o Sh. Balwant Singh	400	278
116	Ganga Devi W/o SH. Galden Nargu	400	0
117	Ram Kedar S/o sh. Panma Chhering	400	278
118	Heera Dassi W/o Tashi Sanam	400	270
119	Om Prakash s/o Sh. Bhagwan Dass	350	275
120	Jeevan Singh S/o Sh. Gokal Ram	400	0
121	Manjeet Singh S/o Krishan Singh	143	0
122	Gopi Chand S/o Sh Vijay Ram	450	270
123	Chander Prakash S/o Sonam Ram	450	348
124	Ganga Devi W/o Sh Hari Naam	400	278
125	Ramesh Kumar S/o Late Sh. Mansukh Dass	400	0
126	Gian Puri W/o Sh. Sant Ram	400	278
127	Satya Kumari W/o Sh. Harish Chander	400	0
128	Mahesh Kumar S/o Sh. Dalip Singh	400	378
129	Fool Devi D/o Sh. Bihari Lal	400	0
130	Arun Kumar S/o Gopal Singh	350	348
131	Sujan Singh S/o Charan Singh	143	0
132	Sanjay Kumar S/o Sh. Nar Bahadur	400	270
133	Chander Prakash S/o Sonam Ram	493	0

134	Birbal Singh S/o Sh. Dhakhar Dass	400	278
135	Vijay Kumar S/o Sh. Veer Sain	400	278
136	Jeet Singh S/o Sh. Neelam Dass	400	298
137	Shankar S/o Sh. Vidya Bhaskar	400	348
138	Rupender Singh S/o Sh. Vidya Bhaskar	400	278
139	Rattan Prakash S/o Sh. Inder Bhagat	400	270
140	Hukam Lal s/o Sh. Elam Ram	400	278
141	Hukam Lal s/o Sh. Elam Ram	400	0
142	Ram Lal S/o Sh. Medub Chering	493	0
143	Manoj Kumar S/o Sh. Dharam Pal	243	0
144	Yang Sarni D/o Sh. Bihari Lal	400	348
145	Gopi Chand S/o Sh Vijay Ram	393	0
146	Fool Devi D/o Sh. Bihari Lal	293	0
147	Shiv Devi W/o Dharam Pal	243	0
148	Anjeet Kumar S/o Sh. Dharam Pal	243	0
149	Basant Ram S/o Sh. Dil Sukh	400	278
150	Ram Krishan S/o Sh. Dil Sukh	400	278
151	Bal Chander S/o Sh. Vidya Bhaskar	400	278
152	Ped Ram S/o Fula Sukh	193	0
153	Gurmukh Singh S/o Ranzor	350	148
154	Bhagwan Pal S/o Krishan chand	400	278
155	Shukar Chand S/o Sh. Udam Sukh	450	278
156	Satish Kumari W/o Lal Singh	450	348
157	Hira Chand S/o Sh. Ugar Chand	243	0
158	Gulab Devi W/o Sh. Nar Sain	400	278
159	Chewang Sanam S/o Sh. Gulab Dass	400	148
160	Bhag Rath S/o Duni Chand	193	0
161	Vidya Rani W/o Fakir Singh	400	348
162	Kartar Singh S/o Sh. Hari Saran	400	273
163	Suraj Chander S/o Late Sh. Ringchen Lal	300	0
164	Shiv Devi W/o Ganga Chand	400	278
165	Che Kumari W/o Deep Ram	400	348
166	Satish Kumari W/o Roop Lal	493	0
167	Sanam Dorje S/o Khayali Ram	400	270
168	Gurmukh Singh S/o Ranzor	243	0
169	Kuldeep singh S/o sh. Khayali Ram	400	0
170	Ganga Dev S/o Sh. Makar Jeet	400	278
171	Sanam Dorje S/o Khayali Ram	293	0
172	Sukar Chand S/o Sh. Udam Sukh	400	270

Sanam Dorje

**Compliance Of Final Fc Conditions (Stage II) Monitoring Report in R/o
Shongtong-Karchham HEP**

I	Name of Project	Shongtong Karchham HEP
II	Name of Monitoring/Reporting Agency and address	Himachal Pradesh Power Corporation Limited
III	Report for the period	31 st March 2023

1. Forest Clearance: Forest Clearance for the project was granted by MoEF vide F.no. 8-78/2010-FC, dated 14th Nov. 2012 (submitted with previous compliance report).

Sr. No.	Description	Compliance Status
1.	Legal Status of the diverted forest land shall remain unchanged.	HPPCL will not seek any changes in status of diverted forest land.
2	The Compensatory Afforestation (CA) will be raised and maintained over double the area proposed for diversion in a degraded forest land (i.e. 128 ha) at the cost of User Agency.	Condition is complied with by paying the requisite amount to CAMPA through DFO Kinnaur. The HPPCL has deposited the requisite cost towards CA with Department of Forest, Govt. of HP amounting to Rs. 1, 74, 65,952/- (One crore seventy-four lakhs sixty-five thousand nine hundred and fifty two) only vide DD No. 630072 dated 02.04.2011 (worth Rs. 7, 44, 26,798/- including amount for NPV) drawn on Reckong Peo branch of State Bank of India vide their letter No. HPPCL/GM-STKHEP/Forest/ 2010-24-27, dated 02.04.2011 as per the bill issued by DFO Kinnaur vide letter No 9216 dated 30.03.2011. Progress report up to Sept 2022 under CA is attached as Annexure- .
3	The user Agency shall pay the additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India.	Condition has been complied with by paying the requisite amount to CAMPA /DFO Kinnaur. HP Forest Department through DFO Kinnaur raised a bill for Rs. 5, 69, 60,846/- (Five crore sixty-nine

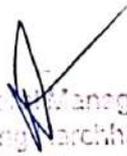

 Dy. General Manager (R&R)
 Shongtong Karchham HEP,
 HPPCL, Reckong Peo
 Distt. Kinnaur (HP)


 F. Gargiwal

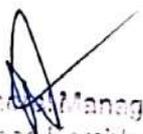
		<p>lakh sixty thousand eight hundred and forty-six) only against NPV vide letter</p> <p>No. 9216 on dated 30.03.2011 and same has been deposited vide DD No. 630072 dated 02.04.11 with the DFO Kinnaur HP (submitted in previous compliance report). An undertaking to pay the additional NPV, if so determined as per the final decision of Hon'ble Supreme Court of India has already been given. Progress of the NPA is not being submitted by the Concerned Forest Department</p>
4	All the funds received from the user Agency under the project shall be transferred to Ad-hoc CAMPA pertaining to the state.	Project proponent has deposited all the funds to the DFO, Kinnaur H.P forest department and further deposited to Ad-hoc CAMPA by DFO, Kinnaur.
5	The State Government shall ensure that minimum flow of 15% is maintained at all time.	<p>The project proponent is committed to maintain 20% Environmental flow as per Environment Clearance condition. The environmental flow assessment study has been conducted by NIH Roorkee. The EAC in its meeting held on 10th and 11th December, 2013 desired to have presentation on Environment flow study. The presentation was given by project proponent before the EAC on 16 October, 2014. The EAC observe that Environment flow study was carried out in accordance with the Flow duration curve method. While this is generally in order but for further clarity the same should be carried out through Hydraulic rating and Habitat Simulation method. The technique shall factor the need of aquatic faunal population. Also the adequacy of environmental flow in terms of depth, velocity and top width needs to be checked and proposed a fresh. Accordingly the environment flow study has been revised as desired by EAC and submitted to MoEF&CC for approval.</p> <p>The preference shall be given to</p>


 Dy. Controller Manager (R&R)
 Shergong Karchham HEP,
 HPPOL, Rackong Peo
 Distt. Kinnaur (HP)

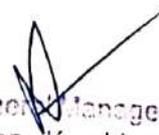
		Himachalies for the employment in the project.
6	The user agency shall set up Ecological Monitoring Unit to monitor the impact of the project on flora and fauna of the area.	As per the stipulations imposed by Forest Advisory Committee, MoEF&CC an Ecological Monitoring Unit (EMU) to monitor the impact of project on flora and fauna of the area was to be constituted Since, the Stage-I Forest Clearances to Shongtong Karchham HEP & Integrated Kashang HEP were granted within the same time period and with similar condition of setting up of an EMU. Thus, Divisional Forest officer Kinnaur at Reckong Peo through his office order issued vide No. 3KNR/2011-12 dated 5.04.2011” framed committee for the Ecological Monitoring to monitor the impact of aforesaid Projects on flora & Fauna within the jurisdiction of command area of the Shongtong Karchham HEP , as well as, Integrated Kashang HEP. Project proponent had agreed to comply the directions of above nominated committee. On dated 19/06/2015 this office received a letter from the O/o General Manager, IKHEP that a payment of Rs. 6,00,000/- has been made to DFO (Kinnaur) on account of APO for Ecological Monitoring Unit to monitor the impact of project on flora and fauna of the area in r/o IKHEP & STKHEP, HPPCL. The amount is chargeable to both the projects on pro rata basis .The same was verified by this office and Rs. 4,18,605/- from the total of Rs. 6,00,000/- were charged towards STKHEP, HPPCL.
7	The user agency shall keep the effect of camping labourers on the flora and fauna during the construction phase of 48 months at minimum by providing alternate fuel for cooking and heating.	Provision has been made in EMP to provide alternative fuel (i.e. LPG /kerosene/ electricity) for community kitchen. If fuel wood is to be procured, it has to be through authorized sources only. From April 2022 to June 2022, 139 Nos. & from July 2022 to Sept 2022, 114 LPG cylinders have been provided by the contractor i.e. M/s Patel Eng. Ltd to the labour and staff besides


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 HPPCL, Reckong Peo
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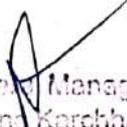
		running community kitchens/mess at all the locations being the main contractor of STKHEP.
8	The entire reservoir created due to submergence shall be declared Reserve Forest under Indian Forest Act. 1927 within six months. However, regulated fishing shall be allowed. Nodal officer shall submit compliance report in this regard.	Since the Project is a Run-of-the-River type (RoR) hydropower project with diversion done through a barrage with head race tunnel (HRT). Thus, the submergence area is very small (27 hectares), which shall be got declared as Reserve Forest under Indian Forest Act. 1927 through HP State Forests Department with regulated fishing being allowed.
9	Catchment Area Treatment Plan should be implemented at the project cost under the supervision of the State Government.	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. 701.95 millions. Out of which 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. During the reporting period HP forest department HP has reported the Physical and financial progress of CAT plan for the FY 2022-23 up to 31.03.2023 Copy of the same is attached as Annex-A
10	Green belt of adequate width shall be raised by the user agency around the reservoir at the cost of the project.	A plan for Green belt development around reservoir and around surface components and along project roads at the cost of the project has been included in the EMP for which provision of 40 lacs has been made in EMP (Chapter-9). The same will be taken in consultation with forest deptt. after completion of civil work.
11	The user agency shall facilitate a basin level study on the impact of HEP's on the flora & fauna of the as per the TOR submitted to MoEF.	Project proponent is committed to comply the outcomes of the basin level study of Satluj basin on the recommendations of MoEF, Govt. of India. Himachal Pradesh is getting study conducted for cumulative or ecological


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impact of all the Hydro power Projects in operation and under execution or are planned to implementation in near future in Satluj Basin of Himachal. Job of this study has been awarded to Indian council of Forestry research and Education Dehradun in Feb 2012 and accordingly Govt. of Himachal Pradesh has constituted Two member panel of Environment and social Expert PESE) Sh.D.C.Khanduri (Rtd.IFS) Dehradun and Dr. Rashmi Nayar - Associate Professor and Management of Land Acquisition Resettlement and rehabilitation Administrative Staff college of India.)Towards states compliance for Environment and social Development policies in regard to the Development of Hydro Power Projects in the Satluj Basin of Himachal Pradesh. Recently in this regard the experts Panel along with the two senior officers of Directorate of Energy, GoHP, visited the various Hydro Power Projects and on 7th Dec, 2013 and DOE has organized a meeting with the Panel of Environment and social Experts(PESE)for Satluj basin from 12th August to 18 August at various location i.e. on 12.08.2014 at Jakhari and on 13th August 2014 at Reckong Peo and Lippa on 14th August 2014 at Pooh and Nako on 16th August at Tabo. Consequent upon this meeting on the demands of the stakeholders and villagers of various Villages DOE has been requested to hold a another meeting in the presence of panel of experts involved in the preparation of these reports and DOE has arranged another meeting with Stakeholder at Reckong Peo on 8th Dec 2014 and 9th Dec 2014 at Pooh . consequent upon the above facts the committee has submitted the draft report on CEIA of Satluj basin to DoE and DoE has placed the same in its official web site of DoE and ICFRI has submitted the


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		final report to MoEF&CC for approval. MoEF&CC has listed the case on 29 th EAC on 05th December, 2019 & 41 th EAC on dated 15.02.2023 for consideration and discussion in this matter .
12	The user agency shall carry out the muck disposal at pre-designated sites in such a manner so as to avoid its rolling down.	Project proponent will abide this condition and committed to comply. All the necessary steps to prevent rolling down of muck are being taken by constructing/raising retaining walls, Gabions & other structures through its main contractor i.e. M/s Patel Eng Ltd. The detail muck statement is being submitted to HPSPCB regularly.
13	The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the user agency at the cost of project under the supervision of State Forest Department. Retaining walls and terracing shall be carried out to hold the dumping material in place. Stabilization and reclamation of such dumping sites shall be completed before handing over the same to the State Forest Department. In a time bound manner as per Plan.	A detailed Muck Management Plan (MMP) has been prepared as part of EMP (Chapter-6) which prescribes for engineering and biological measures for stabilization of dumped muck. The MMP is being implemented diligently. As already submitted, its implementation is also being monitored strictly by the State Pollution Control Board. Concrete Cladding on Total nos.306 no of wire crate were being carried out during April 2022 to Sept, 2022. And of 1307 no of crates were erected during the reporting period with an expenditure amounting to Rs 1,17,68,105/- were incurred
14	The user agency to consult other organization having experience in construction of roads in hilly areas such as BRO to avoid frequent road blocked due to landslides etc. and shall provide breast walls and retaining walls wherever necessary.	The user agency i.e. HPPCL is sister concern of Himachal Pradesh State Electricity Board Ltd.(HPSEBL) which have sufficient experience in construction of roads and related civil works. However, the agency like BRO, GREF and HPPWD etc. are also being consulted for proper construction of roads as and when required.
15	The Forest Department shall regenerate	Total of Rs. 1,36,73,737/- have been


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	equivalent amount of degraded forest area, in addition to the condition no. 2. As the user agency does not have qualified manpower and control on the forest area to execute the same, they have paid for the same to the CF, Rampur. The Forest Department shall implement the same and submit a compliance report.	deposited with D.F.O, Kinnaur for regenerating equivalent amount of degraded forest area, in addition to the condition no. 2 (Copy of the progress report submitted by the DFO Kinnaur has already conveyed to MoEFCC with previous compliance as Annexure-VII) during the FY 2016-17 & 2017-18 total progress of Rs 1,36,74,200/- has been received from forest Deptt.
16	The User Agency shall submit annual self monitoring report indicating status of compliance to the conditions stipulated in the approval, to the state government and the concerned Regional Office of the Ministry.	HPPCL is committed to abide by and comply with the condition. Last compliance report has been submitted to MoEF, Regional Office Dehradun & Pr.C.C.F, and Shimla on 07.06.2022 (submitted with previous compliance reports).
17	All other conditions including standard conditions applicable to the proposals under Forest Conservation Act, 1980 and under different rules regulations and guidelines including Environmental Clearance and rehabilitation shall be complied with before transfer of forest land.	All other conditions including standard conditions applicable to the proposals under various Acts and rules and clearances are acceptable to project proponent and will abide these condition and committed to comply.


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Conditions stipulated under Final Environmental Clearance of STKHEP							
Part A		Compliance Status					
(i) The following Catchment Area Treatment Plan, as proposed in the EIA/EMP Report shall be completed in 5 years-		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. 701.95 millions. Out of which 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. During the reporting period HP forest department HP has reported the Physical and financial progress of CAT plan for the FY 2022-23 up to 31.03.2023 Copy of the same is attached as Annex-A					
Treatment Measures		I	II	III	IV	V	Total
		Year	Year	Year	Year	Year	
A) Biological Measures							
Afforestation /Gap		81	80	80	80	80	401
Plantation (ha.)							
Pasture Development (ha.)		476	475	470	470	470	2361
Nursery Development (nos.)		5	5	-	-	-	10
B) Engineering Measures							
Step Drain (Rmt.)		57	57	57	57	57	285
Check Dams (nos.)		5	5	5	5	5	25
(ii) The details of the land holding of project affected persons whose land is being acquired shall be submitted to this Ministry. The benefits for the land losing households will be as per the National Rehabilitation and Resettlement Policy, 2007 (NRRP, 2007) or as per the State Rehabilitation and Resettlement Policy, whichever is higher. Adequate publicity for the compensation package shall be given in the affected villagers. All R&R Issues shall be completed before commissioning of the Project.		The benefits to the land losers have been given as per Rehabilitation and Resettlement of HPPCL duly approved and notified by Govt. of Himachal Pradesh. The details of benefits have been submitted to your office vide this office letter no. HPPCL/SM(R&R)/EC-Vol-I/2012-5543, dated 18/03/2013. Physical and financial Progress as on 31.03.2023 is attached as Annex-II					


 Dy. General Manager (R&R)
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 Dist. Kinnaur (HP)



(iii) All commitments made during the public hearing shall be fulfilled completely.	Project proponent is abiding with the commitments made during the public hearing and status of the compliance to public hearing is being reported separately in the report
(iv) A scientific study from a reputed institute for deciding the minimum environmental flow to be released during the lean season should be undertaken. Till the study is completed, 20 % of the average flow of four consecutive leanest months of 90% dependable year shall be maintained as environmental flow. After the study is completed, whichever is higher figure shall be adopted.	The project proponent has complied with this condition. The environmental flow assessment study has been conducted by NIH Roorkee. The EAC in its meeting held on 10 th and 11 th December, 2013 desired to have presentation on Environment flow study. The presentation was given by project proponent before the EAC on 16 October, 2014. The EAC observe that Environment flow study was carried out in accordance with the Flow duration curve method. While this is generally in order but for further clarity the same should be carried out through Hydraulic rating and Habitat Simulation method. The technique shall factor the need of aquatic faunal population. Also the adequacy of environmental flow in terms of depth, velocity and top width needs to be checked and proposed a fresh. Accordingly the environment flow study has been revised as desired by EAC and submitted to MoEF&CC for approval.
(v) The equipment likely to generate high noise level during the construction period or otherwise shall meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under Environment Protection Act. (EPA), 1986.	The equipment likely to generate high noise level during the construction period in the project area meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010. In compliance to this condition acoustic enclosures on all DG sets have been provided by the main contractor i.e. M/s Patel Eng. Ltd.


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 Shongtong Korchham HEP,
 HPPCL, Reckong Peo
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	30.03.2011. Physical and progress of revised APO for Compensatory Aforestation received from DFO Kinnaur as on Sept 2022 has already been conveyed.
(viii) Greenbelt development in 40 ha of land along the approach roads, residential areas, office complex, barrage site and other working areas with various native plant species shall be undertaken immediately. The allocated budget of Rs. 40 lakhs for this purpose shall not be diverted to any other purpose.	The Greenbelt development will be taken up in consultation with HP Forest Department shortly after the completion of civil work.
(ix) The revised Fisheries Management Plan submitted vide letter NO. HPPCL/ESMU-2/Shongtong/09-1658-61 dated 9 th February, 2010 shall be undertaken in consultation with the Fisheries Department, Government of Himachal Pradesh. Breeding and hatching of indigenous fish i.e. Snow Trout will be carried out separately. The same shall also be followed in the proposed hatchery at Sangla with separate bays.	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 nd Installment will be released after Utilization Certificate of balance amount is received from Fisheries Deptt. This is still awaited from Director of Fisheries Govt. of HP.
(x) The proposed Wildlife Management & Development and Conservation of Biodiversity Plans at a cost of Rs. 764.50 lakhs shall be taken-up strictly as outlined in the EIA/EMP Report and implemented in consultation with the State Forest Department without any diversion of funds. A report of implementation shall be included in the sixth monthly compliance report to be submitted to the Ministry.	The condition has been compiled by the project proponent. Biodiversity conservation plan includes Compensatory Afforestation (CA), NPV and cost of trees for which HPPCL has already deposited the requisite amount with H.P forest Department/CAMPA. The cost on account of wildlife Management (Chapter-7) has been included under revised CAT Plan of STKHEP and approved by the H.P forest Department. Rs.60.44 crore toward cost of implementation of CAT plan has already been released to H.P forest Department/CAMPA. During this period the no physical and financial progress of same has been received by this office from DFO wildlife.
(xi) About 1.5% of the total project cost shall be spent for the Local Area Development.	The condition is being compiled by the project proponent. Till date Rs. 25.56 Crore has been deposited as LADF as on 31.03.2023, out of which 21.06 lakh were


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 Shongtong Karchham HEP,
 HPPCL, Rockong Peo
 Dist. Kinnaur (HP)

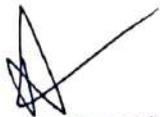
	spent on various heads of development activities in project affected Panchayat's and being regularly monitored at local area Development Committee During its various meeting .
(xii) Any other clearance from any other organization/department, if required shall be obtained.	Renewal of Consent to Establish is required to obtain from H.P State Pollution control Board. However, as per latest notification of No. B-29012/ESS/CPA/2016-17/2570 dated 02/02/2017 issued by Member Secretary, Central Pollution Control Board, MoEF&CC, Govt. of India, addressed to the Member Secretary of all State Pollution Control Boards vide which under para (iv) of the aforementioned letter it is stated that "Further, all the projects requiring Environmental Clearance either from State Level EIA Authority or MoEFCC may be exempted from obtaining the consent to establish. Such projects may be directly granted CTO subjected to EC and installation of pollution control devices." Renewal of the same is being regularly applied by the project proponent by depositing the requisite renewal fee of the same every year. For the FY 2022-23 is in progress with the HPSPCB, copy of online status is attached as Annex- III
Part-B General Conditions	
(i) Adequate arrangement for providing free fuel like kerosene/wood /LPG shall be made for the labourers engaged in the construction work so that indiscriminate felling of trees is prevented.	The condition is being complied with. From April 2022 To Sept 2022, 253 nos. LPG cylinders have been provided during The reporting period.
(ii) Medical facilities as well as recreational facilities shall also be provided to the labours.	Two nos. First Aid post has been made functional at Site office Ralli and Barrage location. Contractor has provided Medicine of Rs. (1,07,820/- and spent Rs. 8,72,465/- on salary of medical attendant and Rs. 9,53,153- spent on Ambulance. Rs. 9,60,000/-has been spent on salary of

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Shonglong Karchham HEP,
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	<p>ambulance driver. Total No. Medical attendant provided = 04 Total No. of ambulance = 04</p>
(iii) Labourers to be engaged for construction work shall be thoroughly examined by health personnel and adequately treated before issuing them work permit.	Prior to enrollment in the execution activities all the labourers are thoroughly checked up. After ensuring the complete fitness, the labourers are being engaged.
(iv) No fugitive dust emissions should be observed at the construction sites. Water sprinkling arrangements shall be made to suppress the fugitive emissions.	The condition is being complied by the contractor. The DG sets have been provided with acoustic enclosures and proper stack height regular maintenance of DG sets are being carried out. On account of this an expenditure of Rs.500000 and 40000 0/- were occurred during this period. The water tanker has been deployed in the project area to sprinkle the water in the project area to suppress the dust emission due to movement of vehicles
(v) Potable drinking water and proper sanitary facilities shall be provided for the labour force and the local area people.	Potable drinking water and proper sanitary facilities has been provided near each Adit portal for the labourers in addition to this the same has also been provided at the labour camps at Ralli and Tangling. for which an expenditure of Rs 10,40,502/-were occurred towards the salary of drivers and helper for water supply in supply of drinking water in Main contractors residential accommodations for drinking purpose.
(vi) Restoration of construction area including dumping sites shall be ensured by leveling, filling up of burrow pits, landscaping etc. The area shall be properly treated with suitable plantation.	The project proponent is committed to restoration of construction area including dumping sites by leveling, filling up of burrow pits, landscaping etc. The plantation work will be taken up after finishing of construction phase. In the mean time gabion walls have been provided at each dumping site and are being strengthened by providing Cement Concrete Cladding.
(vii) Separate financial provision shall be made in the total budget of the project for implementation of the above suggested safeguard measures. The same shall be informed to the Ministry.	The condition has been complied with; separate provisions in EMP under various chapters/heads have been made for implementation of suggested measures.

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Shenglong Archdam HEP,
HPPCL, Dschong Poo
Dist. Wundwin (HP)

(viii) Environmental parameters shall be monitored and six monthly monitoring reports shall be submitted to the Regional Office of the Ministry and State Pollution Control Board for their review.	Monitoring reports are being submitted regularly. Last Six monthly report was submitted to the MoEF&CC, Regional Office Dehradun on dated 07.06.2022
(ix) A Multi-Disciplinary Committee (MDC) to monitor environmental safeguards during the construction shall be construction by the Ministry on the suggestions of the Proponent, Six monthly monitoring report of this Committee shall be displayed on the web-site of the Proponent.	The condition is being compiled by the project proponent as an Ecological Monitoring Unit has been set-up under the Chairmanship of DFO, Kinnaur to monitor the impact of the project on flora and fauna of the area as submitted to your office vide this office letter no. HPPCL/SM(R&R)/EC-Vol-I/2012-5543, dated 18/03/2013.
(x) Videography of the project area shall be carried out to ascertain that no damage occurs, the PP shall pay compensation for the damages.	The Videography of the entire Project Affected Area has been done along with water resources inventory. The project proponent will ensure that no damage to houses of the local people occurs. To monitor the ground vibration arise due to blasting in tunnels six Nos. seismographs has been installed in each Project affected Panchayat's and monitoring report is being submitted to concerned Panchayat's, Member secretary, LADC and President, Zila Parishad regularly.
The Project Proponent shall provide full cooperation and all required documents / data to the Officials of relevant Regional Office of MOEF who would be monitoring the implementation of environmental safeguards.	Project proponent commits to provide full co-operation and all required documents / data to the Officials of relevant Regional Office of MOEF&CC, who would be monitoring the implementation of environmental safeguards.
Besides the above stated conditions, the Project Proponent and Government of Himachal Pradesh shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time.	The project proponent is abiding by the condition. For effective implementation of the environment safeguard, as proposed in EIA/EMP and other policies HPPCL has establish an Environment cell at each project level with experienced and qualified environment and R&R staff.-


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 Shri. Jang Nand Lal Mehta
 HPPCL, Narasing Poo
 Dist. Kinnaur (H.P.)

<p>The environmental management plan shall be strictly adhered to and a sum of Rs. 84.891 Crores, the budgetary provisions for implementation of EMP shall not be diverted for any other purpose.</p>	<p>The condition will be complied with; the cost of EMP has increased due to HP Govt. notification regarding CAT Plan and Environment Monitoring Plan.</p>
<p>Any change in the scope of the project shall be intimated to the Ministry and fresh approval if required, shall be taken from the Ministry.</p>	<p>The presentation before the Environment Appraisal Committee was held on 10/12/2013, 16/09/2014 & 16/10/2014 at MoEF&CC, New Delhi for revalidation of Environmental Clearance due to enhancement of installed capacity. The matter has been taken up with WAPCOS for updating of EIA/EMP and the revised plan has presented before the 37th EAC of MOEF&CC on 30.11.2022 which is under progress with the MoEF&CC.</p>
<p>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.</p>	<p>Environment safeguard measures as forced by ministry are being implemented. Additional safeguard measures, if any proposed by ministry will also implemented. So far no additional measure suggested.</p>
<p>This clearance letter is valid for a period of 10 years from the date of issue of this letter for commencement of of construction work.</p>	<p>Status remains the same as per the stand status already conveyed vide previous compliance period ending June 2022. As per As per the MoEF&CC Notification S.O. 1886 (E) dated 20.04.2022, the EC validity of River valley and Hydro-electric project is 13 years which can be extended for 2 years. Also, the MoEF&CC O.M. No. IA3-22/10/2022-IA.III [E-177258] dated 11.04.2022 .</p>
<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local body and the local NGO, if any, from whom any suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.</p>	<p>Status remains the same as per the stand status already conveyed vide previous compliance period ending June 2022. No Change. This issue stand closed</p>


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 Shenglong Kanchham IEP,
 HP PCL, Raikong Poo
 Dist. Kinnaur (HP)

<p>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 the 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 and Forests at http://www.enyfor.nic.in.</p>	<p>The project proponent has advertise in two local newspapers i.e. 'Divya Himachal' and 'The Indian Express' on 1st June 2011 informing that the project has been accorded environmental clearance by MoEF 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 and Forests at http://www.enyfor.nic.in. Refer this office letter no. HPPCL/SM(R&R)-SKHEP/Env-IV/2011-1718-20, dated 22/07/201. This issue stand closed</p>
<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, decided in consultation with the Ministry.</p>	<p>The project proponent will conduct the study undertaken by an independent agency, decided in consultation with the Ministry after 5 years of the commissioning of the Project, regarding impact of the project on the environment and downstream ecology.</p>
<p>The Project Proponent shall submit six monthly compliance reports of the stipulated EC conditions and the monitoring data (both in hard copies as well by e.mail) to the respective Regional office of MoEF and the State Pollution Control Board. Both monitoring and compliance reports shall be up-loaded on the Web-site of the Proponent.</p>	<p>The condition is being complied with. Last Six monthly reports was submitted to the MoEF, Regional Office Dehradun on dated 07.06.2022</p>


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 Sanglong Karoham HEP,
 HPPCL, Rackong Peo
 Distt. Kinnaur (HP)



Annexure-I				
Expenditure Incurred for Implementation of the R&R plan and other various development activities (including LADF) upto 31.03.2023				
1. R&R Schemes				
Sr. No.	R&R Schemes	Achievement		Remarks
		Physical	Financial (in Lacs)	
1	ITI Scheme	48	20.66	
2	Merit Scholarship Scheme	635	57.25	
3	Training-Cum Awareness Scheme	17 (1380 people)	7.25	In this scheme 10 no. Medical Camps, 3 no. Horticulture and agricultural camps and 2 no. Training cum awareness camp were organized on Project Affected Areas (PAA's)
4	School Competition Scheme	20 (1100) students	2.12	Under this scheme 16 no. school students competition were organized at Project Affected Areas on different topics like essay writing, painting, slogan writing and declamation competition etc.
5	Sports Tournament Scheme	2 (180 People)	0.90	2 nos. sport Tournament (Mens & women) were organized at project affected area i.e. volly ball competition, cricket, folk dance and solo songs etc.
6	CBDO Scheme	5	2.8	1. Mande Sanchain Shankar Committee G.P. Powari. 2. Mahila Mandi Mebar G.P. Mebar. 3. Mahila Mandal Khawangi G.P. Khawangi. 4. Mahila Mandal Barang G.P. Barang. 5. Mahila Mandal Shudharang G.P. Shudharang.
7	Self Employment Scheme	1	0.35	In this scheme 1 No. MPAP's namely Chunis Lal resident of Village Tangling has provided financial assistance for Retail Shop (Karyana/Chicken Shop)
8	Forest Right Scheme	1426	1921.8	500 days minimum wages to PAF's of STKHHEP
9	Minor Mineral Scheme	224	168.75	This amount has been given to PAF's in lieu of loss of minor minerals.
Total=			2181.88	
2. Panchayat wise acquisition of Private land for construction of STKHHEP:				
Sr. No.	Name of Panchayat	Land	Compensation	
1	Powari (80 person)	5.7071	1577.3	
2	Mebar (Ralli) Barang (22 person)	1.2687	350.65	
3	Khawangi (18 person)	0.4016	110.99	
4	Kalpa-Shudharang (9 person)	0.5932	163.94	
Total=		7.9706	2202.88	
3. Panchayat wise Expenditure incurred under R&R Grants.				
Landless Grant				
1	Powari	64	40.00	Welfare grant as per R&R Plan (Part V)
	Khawangi	17	9.75	
	Barang	8	3.5	
	Mebar (Ralli)	14	7.0	
	Kalpa	9	4.5	
Total=		112	64.75	
2	Houseless Grant	2	15	2 nos MPAP's namely Sh. Nandhan Sukh and Sh. Raj Kumar VPO Tangling (Powari) has provided the houseless grant as per R&R plan
3	Transportation Grants	9	1.8	9 nos. MPAP's has been given transportation grant as per R&R Plan. Out of 9 nos. 6 nos. MPAP's from Powari Panchayat and 1 no. from Khawangi Panchayat, 1 no. from Mebar Panchayat and 1 no. from Kalpa Panchayat
4	Displaced Shopkeeper Grants	4	8.8	4 nos. MPAP's namely Sh. Muris Lal, Sh. Suresh Kumar, Gulab Singh VPO Tangling (Powari) and Raj Kumar VPO Khawangi has provided the financial Assistance for displacement of shop @ 2.20 lac each including transportation grant.
5	Cartel shed Grant	2	0.4	2 nos. of MPAP namely Raj Kumar from Khawangi Panchayat and Shiv Dayal from Kalpa Panchayat has provided financial assistance as per R&R Plan.
6	Rent for Temporary accommodation	1	0.18	1 no. MPAP from Powari Panchayat has provided the assistance.
Total=			90.93	

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Shri. Mang Karandam HEP,
HEP Cell, P.O. No. 100
Distt. Raichur (KAP)

T. Srinivas
Dy. GM (Env.)

R. Srinivas

1. Detail of activities under LADF				
Sr. No.	Total Liability against LADF	Amount deposited till date (In Lacs)	Balance Amount (In Lacs)	Remarks
1	4211.00	1556.00	1655.00	
5. Panchayat wise Detail of Crop compensation				
Sr. No.	Name of Panchayat	No. of Beneficiaries	Amount (In Lacs)	Remarks
1	Powari	477	65.99	Crop compensation paid on account of Horticulture and Agriculture losses for the F.Y. 2013-16
2	Barang	399	41.69	
3	Mebar	115	10.93	
4	Khawangi	122	14.24	
5	Shularang	265	19.8	
Total=		1378	152.65	
6. Panchayat wise detail of other development activities				
Sr. No.	Name of welfare activities	No. of Beneficiaries	Amount (In Lacs)	Remarks
Name of Panchayat:				
1	Khawangi	180	170.17	Various civil works i.e. construction of road, water supply and protection works.
2	Powari	224	482.99	
3	Barang	328	529.09	
4	Mebar	71	247.73	
5	Shularang	158	61.67	
6	Kalpa	465	2.96	
Total=		1426	1494.61	
7. Detail of the Sand & Aggregate issued to the PAF's of STKHEP				
Sr. No.	No of PAF's benefited	Sand/Aggregate (Cum)	Amount (In Lacs)	Remarks
1	700	15130.40	198.59	Provided free sand and aggregate to PAF's of PAA
2	G.Total=	1+1+3+4+5+6+7=	8877.54	


 Dy. General Manager (R&R)
 State Long Kisan HEP,
 H.P. S. J. P. P. P.
 District, J.P.


 Dy. M (S&A)





Himachal Pradesh
State Pollution Control Board

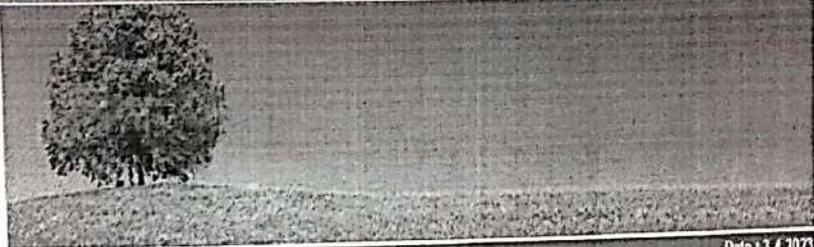
Online Consent Management & Monitoring System

Ministry of Environment, Forest and Climate Change
Government of India



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Welcome Shongtong Karchham HEP

Date : 3-4-2023

Send us your feedback and suggestions

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In-progress Application **Submitted Application**

Application No	Application Date	Application For	Application Name	Application Type	Certificate For	Status	Scrutiny Status By HPSPCB	Scrutiny Completion Date	Scrutiny's officer group	Officer
3750474	24-03-2022 12:57	both	Shongtong Karchham HEP	CTE	reNew	Returned being In-Complete	View Reason		RO-Rampur	SA-Rampur
1352272	27-04-2022 12:30	both	Shongtong Karchham HEP	CTE	reNew	Returned being In-Complete	View Reason		RO-Rampur	SA-Rampur
1306807	16-11-2019 10:07	both	Shongtong Karchham HEP	CTE	reNew	Returned being In-Complete	View Reason	10-02-2020 03:36	Industry	SA-Rampur
434363	15-03-2019 03:37	both	Shongtong Karchham HEP	CTE	reNew	In-Process			New Application	JEE-Rampur
7948767	21-01-2023 01:37	both	Shongtong Karchham HEP	CTE	reNew	In-Progress	In-Process		RO-Rampur	EE-HO