



***INTEGRATED-KASHANG
HYDRO ELECTRIC PROJECT
(243 MW)***

2nd Six Monthly Compliance of MoEF & CC

Status Report for the Period April .2019 to Sept.2019

For Stage-I,II&III (195 MW)

Point wise reply:

Sr. No

1.	CAT plan implementation completed on priority basis. Progress of CAT works			
Sr. No	Funds released by the project authority till date	Funds spent by the forest department till date	Details of the engineering works Executed till date	Area covered by carrying for Plantation and no of plants planted.
1	Rs 13.03 cr.	Received UC of Rs.11.7139 Crore/- up to 30 th Sept 2019. Apart from this amount, Rs. 8029,462/- spent for wildlife management and biodiversity conservation plan. During this quarter Project proponent has deposited Rs 941.92 lakhs being 2% of the project cost of IKHEP stage –I deposited as special condition imposed by the NBWL while granting Clearance as already conveyed in the previous compliance .	Copy enclosed as Annexure-A	Utilization certificate received from HP Forest department up to 3 ^{0th} Sept. 2019 under the head of Enrichment 10 ha., were spent out of various heads i.e. Enrichment/ new plantation & Maintenance of Afforestation, NEFT (Herb plantation) & development of nursery over a. of land and soil and water conservation works. Which includes avalanche control over 8 River /Nalla's and river bank stabilization. for land stabilization for the total soil and moisture conservation work. Physical and financial progress of Rs 31,215 were received up to Sept 2019 out of the total allocation of funds amounting to Rs 6,05,700/- for the FY 2019-20 enclosed as per Annexure-A.

2. Physical and financial Progress about the implementation of the R&R scheme is enclosed as **Annexure-B**
3. Updated information on the project in **13 point data sheet** is enclosed as **Annexure-C**
4. Environmental monitoring report containing all the parameters of Monitoring water quality samples for drinking and waste water, Air quality and Noise quality samples have been carried out in the month of Augst .2019 through external agency and HP State Pollution Control Board , 2019 at project sites of IKHEP and the various parameters were analyzed i.e. pH, colour, taste, odour, Turbidity TDS, total hardness CaCO₃, Alkalinity as CaCO₃, Chlorides, Residual free chlorine, Ca, Mg, Nitrate, Floride Sulphate, iron Copper, Manganese, Mercury, Cadmium and Zinc. For drinking water and pH, TSS, oil and grease, COD and BOD,3 days and total residual Chlorine. Various parameters of air quality i.e. particulate matter PM₁₀ , particulate matter PM_{2.5} , suspended particulate matter Sulphur Dioxide, Nitrogen dioxide, Carbon Mono- oxide & Ammonia as NH₃ but during the reporting period the environmental parameters were not monitored due to non working season Copy attached a **Annexure-D**
5. **Medical facilities through contractors to the workers**:-Project proponent has established a dispensary at Project site i.e. Reckong-Peo which is being run by , M/S Patel Engineering, along with facility of ambulance vehicles . Time to time medical camps are being organized by the Project proponent in PAA. Copy of the Expenditure made by the M/S Patel Engineering during the reporting period April 2019 to Sept 2019 is enclosed as **Annexure-E** and apart from this medical fund i.e. 0.05% of the total project cost has been earmarked on account of the medical fund management committee for reimbursement of medical expenses to PAFs in hardship due to illness or in extreme illness or accident cases. As on date Rs. 12,75,696/-/- has been disbursed among 53 PAFs.
6. So far, engineering measures, like retaining structures have been raised on the approved /designated dumping sites and as on date create wire / protections works were raised at various locations :-

Power House site =	11,871 Nos.
Intake site.	= 351 Nos
IPS site	= 650 Nos

i.e 12872 nos of create walls were raised at various sites of IKHEP Consequent upon the and instruction issued to the Main Contractor for raising additional protection walls before TOC 50 numbers of additional Crate walls near Power House and 27 numbers near Intake and 5 additional crate walls were erected at various dumping sites and once the protection works are completed and Project Environment cell is also continuously inspecting and implementing the norms as per the outcome of various visits Project proponent suggested remedial measures to the contractors for implementation of the biological treatment of dumping sites of Power House and IPS completed with plantation of around 3300 numbers of various plant species and erosion control blanket .

Details of allocation of funds for different Environment management plan along with utilization of funds are as under;

- Rs1303.0 lacs against CAT plan
- Rs. 33.67 lakhs against compensatory afforestation(CA) of Stage –I &Rs 119,57,407 against Stage II &III .
- Rs 42.00 Lakhs against Fishries management.
- 1795.82/- lacs under Environment Monitoring to the HPSPCB.
- 941.92 lakhs for Monitoring the Environment

Provision/ Compliance of EMP and its utilizations

Sl. No.	Particular	Provisions in EMP (Rs. in Lakhs)	Utilization of Amount (Rs. in Lakhs)	Remarks
1	<i>Catchment Area Treatment Plan</i>	3050.60 for IKHEP, Stage I,II,III &IV	Rs 1303.	Had been deposited with the CAMPA against Stage I, II &III of IKHEP and utilization of Rs1054.93 lakhs has been received from DFO Kinnaur /Forest department
2	<i>Implementation of Resettlement & Rehabilitation Plan</i>	300.00 Implementation of Resettlement & Rehabilitation Plan	4587.65	For the implementation of R&R benefits and works / tender awarded to PAFs Contractors including LADA funds deposited with the LADC & other then LADA works
3	<i>Compensatory Afforestation</i>	541.00	Against Stage I,II&III Stage –I Rs 33.66 Stage II&II Rs.119.57 (is already deposited with the Forests Deptt.)	CA over the 38 Ha against IKHEP Stage –I achieved and against Stage II &III, DFO Kinnaur conveyed the progress of 30 ha out of 36 Ha in the Lippa, Jangi and Asarang is in progress with an Expenditure or Rs 23,16000/- .
4	<i>Greenbelt Development</i>	55.00	Rs 5.0+4.26=9.26	5.0 lacs for strengthening of Nursery and Rs.4.26lacs. for green belt development at Intake site of IKHEP Stage -I
5	<i>Wildlife Management and Biodiversity Conservation Plan*</i>	100.00*	88.789 941.92 (over and above from EMP)	Utilization Certificate received from DFO wildlife up to 31 st March 2019 where

				Rs.20,162 as the approved APO for the FY 2019-20 was reported by the DFO wild life /-.(Cost as met from CAT plan funds) apart from this NBWL while according Clearance imposed a condition of 2% of the project cost as a mandatory stipulation to the project roponent . and project proponent had deposited Rs 941.92 Lakh to CAMPA against IKHEP Stage –I
6	<i>Muck Management Plan</i>	552.00	388.00+ 221.75	For Engineering measurers i.e. construction of crate walls/ gabions through contactor. Against IKHEP stage –I only. And the reclamation / biological treatment of the dumping site at Power house and IPS were were completed with the xpenditure of Rs 221.75 and the process of handing over of the site after due reclamation were in process but due to ongoing widening of NH-5 BRO had damaged all the reclaimed site along with the power House approach roads, matter is being taken up with the BRO.
7	<i>Restoration Plan for Quarry Sites</i>	64.00	0.95	Since no quarrying was carried out from Proposed quarry site. (Rs 0.95 Lacs spent for

				preparation of mining plan)
8	<i>Landscape and Restoration Plan</i>	26.00	120.00	Landscape restoration plan is in progress installation of lighting arrangements to enhance the night effect is completed with the Expenditure already inbuilt in the Electrical Contract Rs 75 lakhs and Rs. 45 Lakhs lacs. has been incurred for providing crash barrier along the power house Road which is also partially damaged by the BRO .
9	<i>Health Management Plan</i>	65.00	65.0 (Against IKHEP Stage -I LADA fund had already been disbursed with LADC)	Being implemented through Contractors & Portion of the expenditure of Plan will be met from LADF. Apart from this Project level medical Fund scheme is being run by the project proponent and an expenditure of Rs 12.75 lakhs is spent on this scheme.
10	<i>Provision for Subsidized Fuel*</i>	113.00*	139.96	Total 8169 no. of commercial cylinders amounting to Rs 130.35 lacs were provided to the labourers through contractors, rest of the cost of subsidized fuel will be met from CAT plans
11	<i>Solid Waste Management</i>	228.00	(Rs.706.00 Against IKHEP Stage -I& Against Stage II & III 72.00 LADA fund had already been disbursed with LADC)	Part of the amount i.e. Rs 50 lacs is meet from LADF against Stage –II& III and part of around 45 lacs. is earmarked for common

				incinerator& sewage plant at HPPCL Colony . which is not constructed yet, being implemented by project proponent
12	<i>Disaster Management Plan</i>	40.00	20. 00+56=76.00	Helipad has been established at Intake site of KHEP Stage – I,. Rs 56.00 Lakhs incurred for Installation of alert system, at control room at power house site and communication
13	<i>Environment Monitoring Plan</i>	124.00	1795.82	Rs.1795.82 lakhs to HPSPCB for monitoring and consent fees including Rs 20 lacs. to society of Environmental Protection and sustainable Development at Department of Environment Govt. of HP and addl. 6 lacs for HP Forest department
14	<i>Fisheries Development Plan</i>	105.00	42.00 lacs	Rs 42.0 lacs was deposited with directorate of fisheries and utilization of Rs 40.5 has been reported by the Directorate of Fisheries
	<i>TOTAL</i>	5150.60	10571.54	Note : The amount of Sr. 11 of solid waste management is not included in the Total Amount.

7. Physical and financial progress report of compensatory afforestation

Project Name	Funds released by the project authority till date (Rs.)	Funds spent by the forest department till date (Rs)	Area covered in the Plantation and no. of plants planted till date
Stage -I	33,66,650	20,95,280	38 ha Progress already conveyed vide previous compliance Reports
Stage II & III	Rs1,19,57,406	23,16000/-	CA against IKHEP Stage I . i.e. 38 ha of Forest land is achieved and DFO Kinnaur has conveyed a Physical and financial progress of CA Rs 12,38,500, over the 30 ha against 36 Ha of Stage II & III. for implementation of CA over 35 ha in Jangi and Lippa & Asarang areas and the Physical & financial Progress of Rs.68,531/- for the Financial year 2019-20 Copy attached as Annexure-F

8. Out of the Integrated Kashang HEP - 243 MW share of Rs. 105 lacs, 2 installments of the above share i.e. 42 lacs. (21 lacs each) were deposited with the Director cum Warden fisheries Himachal Pradesh, HPPCL is continuously pursuing the case with the Directorate of Fisheries, for development towards fisheries schemes. Utilization certificate of Rs.40.5 lac has been received from Director cum Warden Fisheries Himachal Pradesh, Copy already attached as Annexure-E in previous report. Project proponent shall monitor the progress achieved on this account after site visit in near future.

9. Information about labour engaged by Main contractors and fuel supplied by the contractor.

Year /periods	No of labourers engaged Contract wise.	Quantum of free fuel supplied or subsidy provided	Financial expenditure incurred in (Rs)
April 2019	42 (Civil Contractor)	11	20175
May 2016	69 (Civil Contractor)	16	29320
June 2016	53 (Civil Contractor)	17	31152.5
July 2019	58 Civil Contractor)	09	16492.5
August 209	65 Civil Contractor)	11	20157
Sept 2019	110 (Civil Contractor))	09	16492
Total		73	1,33,789/-

10. Information about the medical checkup by the different contractors, expenditure incurred on medicines

Year /periods	No of labourers checked up Contractor wise	Expenditure incurred on providing medicines	Expenditure incurred on providing other facilities (in Rs)
From April. . 2019 to Sept ,2019 (by M/s Patel Ltd.)	Oct 2018 to March , 2019. (Civil Contractor)	71,400-(Oct.,2018 to March 2019	1,03,226 (Aprox.) total of 51,000/- incurred

Pre medical examination of workers were conducted by medical team comprising of 1 doctor, 2 compounders 2 senior nurses and 1 nurse and 3 attendants and the ambulance vehicles were deployed at the sites with all medical facilities during the construction of IKHEP Stage –I, as far as the construction activities of IKHEP Stage II & III is concerned, due to resistance by the villagers of Lippa the construction activities were not carried out earlier but during the reporting period the villagers of lippa are now aggred to co-oprate with HPPCL and the infrastructure works i.e. construction of Approach roads etc are started from Lippa side excavation of BR-III is being carried out by M/S Patel Engineering and M/s Patel Engineering had setup a first Aid center at Intake site with a full time Male pharmacist.. Apart from this Project proponent has implemented a project level medical

<p>fund scheme in Project area and kept 0.05% of the total project cost to facilitate and provide medical facility and support for medical treatment of project affected families and as on date Rs 12,75,696/- were reimbursed to 35 beneficiaries.</p>
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11. Social welfare measures and other schemes being run for the locals and project affected people enclosed as **Annexure-B**

12. Compliance of Public hearing and comments made during the Public hearing along with the Compliance status

Details of issues raised during Public Hearing on 28-05-2009 at 11:00 AM onwards for proposed Integrated Kashang HEP, organized by H. P. State Pollution Control Board at village Lippa, Tehsil, Moorang, Distt. Kinnaur (H.P):-

Sr. No	Issues Raised	Remarks on the issues raised	Compliance Made
1.	The representative of the public raised an objection that all the agriculture and Horticulturist of the Sub-division adjoining to underground works has not been indicated in R&R plan (rehabilitation and resettlement) whereas all the agriculture and Horticulturist should have been covered under R&R Plan ?	Gram Panchayat Lippa has been declared as a project affected area of Integrated Kashang HEP, Stage-II & III under R&R Plan.	Due to litigation in the Hon'ble NGT, no activity has could be started from Lippa side earlier but now infrastructure development activities started from Lippa side. Project proponent has already recommended the entire Lippa & Asarang Panchayat as PAA against Integrated Kashang HEP, Stage-II, III and Stage -IV. Further, Govt of HP has also notified a policy for compensation for damage to crops during construction of hydro projects in HP vide its notification No. MPP(F)10-18/2011 dated 11. July 2011 and project proponent is committed to implement the same.
2.	It is apprehended that all the 15 water sources in the Lappo chak area will dry up, which have not been mentioned in R&R Plan. Hence, injustice has been meted	A committee comprising of members of Project Proponent, IPH, revenue and representative of concerned Panchayat will	Project proponent had inventorized all the springs in the vicinity of LIPPA Asarang, Tokto & Rarang Prior to the start of

	out with the local people ?	be constituted and will carry out flow measure in lean season and will also prepare video graphic film. In case of reduction observed in the flow of water, it will be compensated by the project proponent.	construction i.e. in the Month of May and June, 2012 in the presence of representatives of concerned Villages. Project proponent is committed to carry out the inventorization of all the springs in the vicinity of Lippa and Rarang during the construction and to maintain the records of the same and shall repeat the same practice during the construction Phase and restore the same by any means if any discrepancies are observed during the construction phase. But due to pending litigation in the NGT, villagers are not cooperating with the Project proponent; But now villagers of Lippa are welcoming and the Main construction activities are likely to start from the Lippa where as infrastructure development activities started from Lippa side as on date As the Status remain same as previous compliance. Status same as already conveyed vide previous compliance. .
3.	Due to blasting in the tunnels it is apprehended that it will cause landslides which have not been indicated in R&R Plan and local people has been cheated.	Controlled blasting will be done and it will be ensured that there is no landslide and no damage to the property of the Government and local residents.	In case of Kashang HEP Stage-I underground excavation is complete. The excavation of Stage II is stopped due to resistance by villagers of village Lippa. Project proponent is committed to carryout controlled blasting. Moreover the tunneling activities of Stage- II is across the Mountain and having the rock cover of 500 mtr to 1500 mtr.

			<p>Status same as already conveyed vide previous compliance. HPPCL has carried out a study on Safety of Public structure due to blasting in tunneling through central Institute of Mining and Fuel Research {Council of Scientific and Industrial Research}. <i>It shows that the magnitude of vibration after 60 m distance is safe but it became insignificant beyond 100m distance from the damage point of View.</i> In one of the HPPCL's project in Kinnaur i.e Shongtong Karcham HEP, HPPCL .</p>
4.	<p>Dust from the construction of project is likely to damage orchards and crops and is serious issue which has not been indicated in EIA/EMP report.</p>	<p>Mitigation measure to control dust due to construction of project have been suggested in EIA/EMP report.</p>	<p>Most of the Construction sites are far away from the human habitant and underground. Project proponent is committed to take mitigation measures. Sprinklers at various locations and daily sprinkling at specific periodicity and intervals were /shall be carried out (in case of IKHEP Stage – I). Same practice will be adopted in case of IKHEP stage- II & III when the construction activities will be started. Project Proponent had engaged an independent monitoring agency through its main contractor for monitoring of Environmental parameters i.e. Air water and noise. Apart from the HP State pollution control Boards. During the</p>

			<p>Construction period all the parameters were within permissible limits. Despite of adhering all norms within the limits. Govt. of HP, Department of MPP and Power has formulated uniform policy for compensation for damage to crops during the construction of Hydro Electric Projects. On dated 11th July, 2011. Even though in case of any damages occurred to the crops due to project activities project proponent is abided by the Guidelines / Notification issued by the Govt. of HP, Deptt. Of MPP & power time to time and in case of IKHEP Stage-I Project proponent had disbursed Rs. 1.69 crore as compensation to the villagers of Pangti in lieu of Damage to crop where as in case of losses of agriculture crops due to Project activities same practice will be adopted to compensate the losses in Lippa also.</p>
5.	Adverse effects due to construction of project have not been mentioned in R&R Plan.	R&R Plan has been prepared in accordance to the NRRP 2007 and Himachal Pradesh Hydro – Power Policy and the same has been approved by H.P. Government wherein all the aspects have been incorporated.	<p>Prior to project execution Environment Impact Assessment report is to be carried out to evaluate the environmental Impact, if any, by the project and on the basis of Environmental Impact assessment report Environment Management Plan has to be prepared to mitigate the Impact by</p>

			<p>the execution of the project, and in case of Integrated Kashang HEP (243 MW), project proponent has got conducted EIA and EMP studies through the Expert team of an independent agency i.e. HFRI . and after the recommendations of State Govt. and further, Expert Appraisal Committee of MOEF Govt. of India, EAC has recommended the final Environmental Clearance of Integrated Kashang HEP 243 MW. R&R plan is itself an Remedial document i.e. Rehabilitation and Resettlement Plan on the basis of Social Impact. Status same as already conveyed vide previous compliance as on Rs . 91.50 Crore has already being spent on for carrying out R&R activities.</p>
6.	<p>It is apprehended that there will be decrease in yield of fruits and vegetables and increase in un-employment due to construction of project, but there is no mention regarding the provisions of permanent solution for employment.</p>	<p>Employment will be provided to the local people in accordance to the notification of H.P. Government and there will be no adverse effect on vegetable and fruits production.</p>	<p>Govt. of HP, Department of MPP and Power has formulated uniform policy for compensation for damage to crops during the construction of Hydro Electric Projects on dated 11th July, 2011. Further in case of Integrated Kashang HEP Stage -I a committee has been constituted to assess the compensation for Horticulture and Agriculture crops and the committee has conducted various visits to the PAA of IKHEP Stage I i.e village Pangti. During the reporting period HPPCL management has deposited</p>

			<p>Rs 1.69 Crore with the Local administration in lieu of damage to crop compensation to compensate the losses as per the above mentioned policy of HP Govt., Rs 25 lacs stands already deposited with the district administration for this purpose. Same practice will be followed in case of Stage II & III. However only infrastructure development activities has started from Lippa side no main construction activities have been started from the Lippa side so far.</p>
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7.	Due to construction of tunnel near by Dakchompa place, religious and pristine temple of Guru Padam Sambhav is likely to be damaged which has not been addressed, which is religious and important holy place for the villagers of Lippa.	There is no likelihood of damage to be caused to the temple, however; if damage occurs due to construction of project the same shall be compensated by the project proponent.	HPPCL has carried out a study on Safety of Public structure due to blasting in tunneling. through Central Institute of Mining and Fuel Research {Council of Scientific and Industrial Research}. <i>It shows that the magnitude of vibration after 60 m distance is safe but it became insignificant beyond 100m distance from the damage point of View.</i> In one of the HPPCL's project in Kinnaur i.e Shongtong Karcham HEP, HPPCL since the construction sites of stage II & III are far away i.e. Horizontally as well as vertically Approx 1.00 Km from the project site & Project proponent is committed to carryout Controlled blasting, In case damage to any structure occurs the same shall be compensated logically and fairly.
8.	Dumping site at Lappo Ronnam is not appropriate /sufficient, which is likely to have substantial impact on the environment and aquatic life.	Dumping sites have been selected in consultation with forest department and capacity for dumping is adequate. All the dumping sites will be protected by providing retaining structures so that there is no spillage of debris.	As on date the major construction from the Lippa side is yet not started. And as per the suitability of the excavated material, Project proponent will encourage the maximum utilization of this excavated material. Moreover Project proponent will dispose off maximum muck to the other side of the ridge. i.e. Pangi side where project proponent has purchased sufficient private land for the same. And dumping will be done with Proper protection works so far as

			<p>aquatic life is concerned Project proponent had got conducted a study from the Directorate of Cold water fisheries Bhim Tal, and above agencies had denied any fish fauna in the Kerang Stream .</p>
9.	<p>Impact on pasture and their customary rights have not been mentioned and how it will be compensated is not clear in the project report, which is very useful to the villagers of Lippa.</p>	<p>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 produces, in case some damage is observed, the same shall be compensated by the project proponent.</p>	<p>All the customary & Forest rights of Kinnaur has been settled and well documented in the report “Forest settlement Report of Satluj Valley, Bushahr State Part -1” by HM Glover in the year 1921 and people of the District are enjoying the same. Project proponent has extended forest customary right equal to 500 days minimum wages to each PAF in lieu of this customary right in the Project affected area of Kashang HEP Stage-I and till date Rs 3.76 crore has been disbursed to 510 families and same practice shall be adopted in case of Kashang Stage II & III too.</p>
10.	<p>As per the Ministry of Environment and Forest Notification, water from Kerang Khad should be discharged in the same Khad which is not proposed and water will be diverted to Kashang Kahd, as a result moisture contents will be reduced and will have adverse impact on Fruits and Crops.</p>	<p>Provision to ensure that 15% water is discharged from the Kerang khad as per H.P. Govt. notification will be kept and as such there will be no adverse impact on the fruits and crops. Regarding the discharge of water of Kerang Khad back in the same Khad is ruled out.</p>	<p>Project proponent is committed to comply with this condition. More over Scientific study from a reputed Institute for deciding the minimum flow to be released during the lean season is complete and report awaited and project Environment cell is continuously pursuing the matter telephonically with the IIT Roorkee. Prof. Arun Kumar of IIT Roorkee (HoD Hydrology has conveyed to the Project proponent that, ‘this aspect of Hydrology is covered in</p>

			<p>detail in CEIA and separate study in IKHEP may not be required. On receipt of CEIA, project proponent may go through the report, which was expected shortly. But due to some technical/ administrative issues the reports has been delayed and project proponent is committed to comply the recommendations of the same in case of IKHEP instead of carrying out same study again. Since the Project is under construction and the construction of Stage II & III is yet not under taken due to resistance of the villagers of Lippa, although petitions has been disposed off and no diversion of water is undertaken yet and 100% of its discharge is flowing through its main course of stream /khad as on date. In case of IKHEP Stage –I , project has been commissioned and project proponent has installed a continuous flow measuring device at intake site of IKHEP Stage-I and 15% water is discharged through it and being monitored by HP State pollution control board and can be checked online through. www.hppcblive.com/ live/ kashang</p>
11.	<p>There is a serious problem of flood in Pazzer Nallah adjacent to Kerang Nallah every year which bring lots of debris, stones and silt to the down side. The water of Kerang Khad flushes/ removes the debris brought by Pazzer Nallah resulting in less damage to</p>	<p>Proponents are aware of this problem and adequate amount for treatment for this problem which is mentioned in CAT plan will be provided. There will be proper water supply after tunnel preparation and there</p>	<p>Most of the Construction sites are far away from the human habitant and underground. Project proponent is committed to take mitigation measures. Sprinklers at various locations and daily</p>

	<p>adjacent sites at the confluence point. If tunnel is constructed and water is diverted to tunnel from Kerang Khad, then debris, which is brought by Pizzer Nallah will be accumulated on the confluence point of Pizzer Nallah and kerang Khad. There is no solid solution to this problem only under EIA & EMP only for sake of formality, it is mentioned.</p>	<p>will be no debris accumulation in the area. When there is more debris accumulation there in the Nallah than project proponent will stop plant for two or three days and all water of Kerang Khad will be supplied for removal of debris.</p>	<p>sprinkling at specific periodicity and intervals were /shall be carried out (in case of IKHEP Stage – I). Same practice will be adopted in case of IKHEP stage- II & III when the construction activities will be started. Project Proponent had engaged an independent monitoring agency through its main contractor for monitoring of Environmental parameters i.e. Air water and noise. Apart from the HP State pollution control Boards. During the Construction period all the parameters were within permissible limits. Despite of adhering all norms within the limits. Govt. of HP, Department of MPP and Power has formulated uniform policy for compensation for damage to crops during the construction of Hydro Electric Projects. On dated 11th July, 2011. Even though in case of any damages occurred to the crops due to project activities project proponent is abided by the Guidelines / Notification issued by the Govt. of HP, Deptt. Of MPP & power time to time and in case of IKHEP Stage-I Project proponent had disbursed Rs. 1.69 crore as compensation to the villagers of Pangi in lieu of Damage to crop where as in case of loses of agriculture crops due to Project activities same practice will be adopted to compensate the losses in</p>
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			Lippa also.
12.	Provision of Rs. 2 crore for compensation/felling of trees is very less.	Compensation for felling trees which is sum of Rs. 2 Crore is adequate amount and the final amount will be decided by the Forest Department.	Provisions for compensation/ felling of trees are raised by the HP Forest Department being concerned & technically qualified for the same job. Compensation in lieu of the area CA & NPV is raised by the Forest Department in lieu of the amount of land diverted and to carry out the Compensatory afforestation, double the area diverted for said project and the Cost of trees to be felled will be separately raised by the forest department as per the nature and species of the trees to be felled according to schedule of payment of their own department and Project proponent has deposited Rs.1,0854,136/- In lieu of NPV, Rs. 36 lac. against CA and Rs. 2,32,43,829/- against Cost of 349 No. of trees in case of Integrated Kashang Stage –I & Rs. 1,19,57,406/- & Rs. 1,58,64,073/- against CA & NPV respectively for Integrated Kashang Stage-II & III. Compensatory afforestation double the area in lieu of forest land diverted for Integrated Kashang HEP stage–I i.e. 38 ha is complete. Since CA of IKHEP stage II & III has been diverted to Rampur Circle for implementation of 36 ha as intimated by Divisional Forest officer Kinnaur. But as per the direction of NGT DFO Kinnaur has re-

			<p>scheduled the APO and allocated / ear marked 20-30 ha of Forest land in Lippa and Jangi and Compensatory Afforestation (CA of IKHEP Stage II &III) DFO Kinnaur, has submitted the Physical and Financial progress of Rs.68531/-/- out of allocation of funds amounting to Rs 4,55,000/- against CA over UF Jangi, C 215 and UF Assarang for the FY 2019-20 in lieu of CA over 30 ha (in Lippa and in UF Jangi, 10 ha in C-215 Lippa and 10 ha in UF Asarang Area</p> <p>Annexure-F</p>
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13.	<p>There is no mention about 15-16 water resources falling in the project area in EIA & EMP.</p>	<p>A committee comprising of member of Project Proponent, IPH, revenue and representative of concerned Panchayat will be constituted and will carry out flow measurement in lean season and will also prepare video graphic film. In case of reduction observed in the flow of water it will be compensated by the project proponent.</p>	<p>Project proponent is committed to carry out the inventorization of all the springs in the vicinity of Lippa and Rarang and kept the records of the same prior to the start of any construction activities and shall repeat the same practice during the construction phase and restore the same by any means. If any discrepancies are observed during and afterwards. Project proponent has already inventorized all the springs in the vicinity of LIPPA, Asarang, Tokto & Rarang, prior to start of Construction i.e. in the month of May and June, 2012 in the presence of representatives of above villages, till date no</p>
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			Major/ Main construction activities could be started from the Lippa side. Since the issue is disposed off and villagers are welcoming the project proponent and project proponent is committed to comply the commitment made in the NGT and EMP in totality
14.	It is apprehended that the customary rights of the local people to collect herbs and medicinal plants will be damaged and will affect the income source and there is no mention about this in the EIA &EMP.	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.	All the customary & Forest rights of Kinnaur have been settled and well documented in the report ' Forest Settlement Report of Sutlej Valley, Bushahr State Part -1' by HM Glover in the year 1921 and people of the district are enjoying the same, Project proponent is extending forest customary rights equal to 500 days minimum wages to each PAF in lieu of forest customary right and in case of Kashang HEP Stage-I Project proponent has disbursed, 500 days minimum wages to residents of village Pangi and till 31-12-2016 Rs. 3,76,40,250/- have been disbursed among 510 families and same practice will be adopted in case of Kashang Stage II &III too and apart from this due to intervention of Hon'ble NGT project proponent had place the entire proposal of FC before the affected Panchayat for the settlement of Forest Right and state Govt. has settled the Pending FRA of village Lippa, as per

			the Provisions of Law
15.	There is no provision in the EIA & EMP regarding the dust emission from the dumping sites.	The provision for suppression of dust will be incorporated in the EIA & EMP.	Most of the Construction sites are far away from the human habitation and underground. Project proponent had carried out the mitigation measures as per the commitment made in the Environmental public Hearing, by sprinklers at various locations by providing sprinkling at specific periodicity and intervals in case of IKHEP Stage –I. Project Proponent had engaged an independent monitoring agency through its main contractor for monitoring of Environmental parameters i.e. Air Water and Noise apart from the HP State Pollution Control Boards and during the Construction period all the parameters were within permissible limits. Same practice will be followed in case of IKHEP stage- II when the construction activities will be started.
16.	It has been wrongly indicated in the EIA & EMP that there are 99% Hindu and 1% Buddhist.	It will be corrected.	It has been corrected in the final EIA &EMP
17.	Sub-villages above the intake site have not been mentioned in the EIA & EMP.	The area will be inspected by project proponent along with the representatives of the village and if such area is found, the same shall be incorporated in EIA/EMP.	Status remains the same as per the status already conveyed vide previous compliance.
18.	15% discharge of water from the diversion structure is not sufficient.	The 15% water will be release from the diversion structure as per the H.P. Govt. notification.	Comments same as Sr. No. 10 above

19.	There will be adverse impact on Economic and Social culture. How it will be compensated.	There will be no adverse impact on the Economic and social culture.	It is well known fact that the Economic and social status of the PAA/ PAFs in the vicinity of the Project area is always flourished due to project activities, as new avenues of Employment and social activities will be generated, where as social culture of an area is also directly associated with the economic , and with the growth in the economic status. Social status is also improved, more over HPPCL has incorporated a vision to improve the economic status of the affected people from present level, by virtue of extending the benefits vested in the R&R plan in respect of economic and social culture as the Hydro Power projects are strengthening the growth and are backbone of state's economy .In case of IKHEP Stage-I , it is visually evident that the life style/living standard of villagers of Pangri is improved. Like prior to start of the construction project activities, majority of the Household were residing in Kachha Houses, whereas, today majority of the houses are Pakka/ RCC, buying/spending capacity of th villagers have improved, number of vehicle in the village is also increased, land holding of the village is also increased as HPPCL has provided/ improved Irrigation facilities. In
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			<p>totality the life style of the villagers has improved after the Project as discussed with the village Numberdar (Village Revenue Head). Same Practice will be adopted by the Project proponent in case of Stage II & III rest Status same as already conveyed vide previous compliance</p>
20.	<p>Have you conducted any study regarding reduction in the size of glaciers and what will be the impact on glaciers due to construction of the project?</p>	<p>No study has been conducted so far regarding reduction of glaciers.</p>	<p>No study has been conducted by HPPCL so far so far as reduction of glaciers is concerned.</p>
21.	<p>Is there any provision to provide jobs to every resident of Lippa.</p>	<p>Employment will be provided to the local people in accordance to the notification of H.P. Government.</p>	<p>As per the HP Govt. notification, employment will be provided to the local people and as per R&R plan of HPPCL, the Main PAFs who are eligible for direct employment but have not been provided employment will be given a special rehabilitation/employment grant equivalent to the 1000 days of minimum wages for labour per family. Where as in case of Integrated Kashang HEP Stage- I, 63 No. of persons were engaged in HPPCL through work orders / outsource basis and 106 no., 46 no. & 26 no. by its main contractors i.e. M/s HCC and M/s Patel Engineering and M/s Andritz Hydro respectively and same practice will be adopted in case of Stage II & III (Lippa Village)</p>

22.	Representative of Lippa village opposed the construction of the project.	No comments	Now after the disposal of the case in NGT, villagers are welcoming the Project proponent for construction of Stage II & III
23.	People are being cheated /misguided through conducting public hearing.	People are not misguided /cheated through the public hearing but they are made aware about the project proposal and impacts on the environment and mitigation measures proposed by the project proponents.	People are not misguided /cheated through the public hearing but they are made aware about the project proposals. And Project proponent wants to involve the local people in the construction of project
24.	20% royalty should be paid to the residents of villager of Lippa	No comments	Since this is a policy of H.P. Govt. and HPPCL is entity of HP. Govt. and as per the new notification of LADF of dated 5 th Oct, 2011., after commissioning of the project the Govt. will provide 1 % free power to LADF. The amount so received shall be allotted by LADC in the form of cash transferred to all the families of the project affected area, yearly , during the entire life span of the project.

Details of issues raised during Public Hearing on 29-05-2009 at 11:00 AM for proposed Integrated Kashang HEP , Organized by H. P. State Pollution Control Board at Village Pangti, Tehsil Kalpa, Distt. Kinnaur H.P.:-

Sr. No	Issues Raised	Remarks on the issues raised	
1.	Provision kept in the Environmental Management Plan should be properly implemented.	Environmental Management Plan will be strictly implemented and will be regularly monitored by the State Pollution Control Board.	EMP is implemented strictly as per the provisioned of Rs. 5150.51 Lakhs in EMP Rs 10571.54 Lakhs had been exhausted in the implementation

2.	During the implementation of CAT Plan local people should be involved.	The CAT Plan is implemented by the HP Forest Department and project proponent will send this request to the Forest Department.	Verbally communicated by the concerned forest Deptt. that the CAT plan implementation is carried out by the local people at large. it was conveyed by the Forest department that the implementation works of CAT plan are being done by local contractors.
3.	How much time will this project take for commissioning as local resident of Pangi village are suffering from pollution due to inordinate delay in the construction of project?	It is likely to be completed by 2013.	As far as construction work of Integrated Kashang HEP stage- I is commissioned on March, 2016 and the commercial generation has started from Sept., 2016.
4.	Employment should be given to the Local People in the project and free electricity should be provided to the Project Affected Area.	Employment will be given as per the HP state Govt. Notification and preference will be given to the project affected people.	As per the HP Govt. notification employment will be provided to the local people and as envisaged in R&R plan of HPPCL, the main PAF who are eligible for direct employment but have not been provided employment will be given a special Rehabilitation/employment grant equivalent to the 1000 days of minimum wages for labour per family. Where as in case of Integrated Kashang HEP Stage- I, 63 No. of persons were engaged in HPPCL through work order / Outsource basis and 106 no., 46 no. & 26 no. with its main contractors i.e. M/s HCC and M/s Patel Engineering and M/s Andritz Hydro respectively and same practice will be followed in case of Stage II & III (Lippa Village)

5.	Pastures in the Project Area are getting damaged due to the construction of Project road?	The muck/debris generated due to construction of project road is being utilized for the construction of road by way of filling and no damage has been caused to the pastures.	Since majority of the components of the IKHEP are underground and very limited components/structures are on the open surface. i.e. Diversion structures and dumping yards, in case of Integrated Kashang HEP Stage-I, road connectivity to the area is already there, widening of the existing road and only 1000-1500 mts. approach road was constructed, up to the diversion structure by adopting cut and fill type activity and muck generated was used for the same. Dumping of muck is being done on the designated dumping sites. And all the dumping yards are of temporary use and after completion of dumping, the diverted land shall be returned back to the HP Forest department after proper reclamation. There is no question of damage to the pasture of land due to construction of roads. Moreover it has facilitated the villagers, in their day to day life due to connectivity of approach roads to their Dogri and forest areas and same sequence will follow in Lippa Valley.
6.	As it was decided by the Project proponent that all the infrastructure building such as school, hospital and colonies will be constructed in the Pangri village but now it is proposed to construct these structures at Reckong-Peo?	The project proponent clarified that the residential colony (Type-I, II) and dispensary will be constructed at village Pangri for Kashang HEP Stage-I.	Colony for O&M and Police chowky Building, Community hall for PAA of Pangri and Dispensary building was constructed in the acquired land of IKHEP Stage- I at Pangri Village as per the previously conveyed compliances but due to heavy snow fall & torrential rain fall and cloud burst in

			the month of Jan., Feb. & June, 2013 respectively heavy damages to the residential colony has occurred. During the reporting period Design team from Design office visited the Project site and submitted their drawing for strengthening the damage portion. But the GSI team declared this area highly vulnerable to landslide/subsidence and no construction is recommended. Rest status remains the same as per the status already conveyed vide previous Compliance Period ending Dec., 2016.
7.	Cracks have developed in the houses of local peoples due to construction of Project roads?	Any damage caused due to construction activity shall be compensated by the project proponent.	This issue is closed. Project proponent has already paid Rs105.Lacs in lieu damage to structures due to construction activities in IKHEP Stage-I as per the version of LADC.
8.	Water from Kirang Khud should not be diverted into Kashang Khud .	This proposal is not feasible.	This proposal is not feasible.
9.	During the Project road construction Breast Walls have not been provided due to which cracks are appearing in the adjoining land?	The project proponent has assured to start construction work of breast walls wherever necessary very shortly.	This Issue is closed. Since all the activities completed in IKHEP Stage-I and Project proponent has complied all the Commitments made in the Public hearing.
10.	Due to unmettled Project road dust is being generated and effecting the local inhabitants?	It is not feasible to metal the project road during the construction stage, but water sprinkler will be provided to suppress the dust emission.	Sprinkling of the water is being carried out through water tankers deployed at various locations Sprinkling is being carried out with specific periodicity and interval and records are being kept in PIU.
11.	Damage caused to Kuhl due to construction of Project road has not been repaired.	Project proponent ensured to take Immediate effective steps to restore the damaged	This issue is closed as Project proponent has already compensated for the same by providing HDPE pipes to the

		Kuhl.	affected villagers of PAA.
12.	How many dumping sites have been proposed and where crushers will be established?	13 dumping sites have been proposed and two stone crushing units have been proposed, one at Intake site and other at Akpa/Powerhouse.	Thirteen dumping sites have been proposed for Integrated Kashang HEP out of which five sites are being used for dumping of excavated material & compliance of the same is being submitted monthly to the HPSPCB,
13.	Study should be conducted with respect to adverse impact on the horticulture and agriculture.	It was clarified by the project proponent that most of the project components are underground and there will be no significant adverse effect on horticulture and agriculture.	Govt. of HP, Department of MPP and Power has formulated uniform policy for compensation for damage to crops during the construction of Hydro Electric Projects on dated 11 th July, 2011. Further in case of Integrated Kashang HEP Stage -I a committee has been constituted to assess the compensation for Horticulture and Agriculture crops and the committee has visited the PAA of IKHEP Stage I i.e village Pangti. During the reporting period on the basis of the recommendation of the Committee project proponent had deposited Rs.1.69 Crore with the local administration in lieu of compensation for damage to crops during the construction of IKHEP Stage-I.

13. Issue of Scientific study has been discussed in length in Para “10 of Environment Public Hearing dated 28.05.20109 at Lippa”
14. The wildlife life sanctuary exists at a distance of 1.5 Km from stage- IV. And project Proponent has obtained the Clearance from NBWL in its 31st meeting held on 12th & 13th August, 2014 under the Chairmanship of Hon’ble minister of State for Environment Forests and Climate Change Copy of clearances letter has already conveyed in Privious compliance report .

15. Copy of news paper cutting of the advertisement has already conveyed in various previous compliance Report

Environment Clearance Compliance

Kashang HEP has been renamed as Integrated Kashang HEP. Environmental Clearance for the Project has been accorded vide Additional Director, GOI, and MoEF letter No. J-12011/13/2002-IA.I dated 15th Nov, 2002. Extension for this clearance has also been accorded vide GOI, MOEF letter No. J-12011/13/2002-1A.I dated 18.01.2008. The status of ongoing works further intimated to Additional Director MOEF, GOI, New Delhi vide DGM Kashang HEP, Rekong-Peo letter No: 2264-65 dated: 8.7.2008. Now, since the work on the Project has commenced within the extension period granted up to 15.11.2008, the clearance will remain valid for entire construction period. Moreover, environment clearance for all the stages of Integrated Kashang HEP (243 MW) has already been accorded by the GOI, MoEF vide letter No. J-12011/81/2007-IA.I dated 16 /4 2010.

Compliance status of conditions of the Environment Clearance stipulated for Integrated Kashang HEP Stage-I, II, III & IV (243MW) is given as under:-

Part A: Specific Conditions:

<p>(I) Catchment area Treatment Plan as has been proposed should be completed in 4 years. The plan is given below</p>	<ul style="list-style-type: none">• CAT Plan was proposed for IKHEP Stage-I for Rs 3.03 Crores.• Revised EMP, the provision of amount of CAT plan for IKHEP (243 MW) @ 2.5% i.e. Rs 30.50 Crores is kept as per the new notification.• HPPCL has deposited the proportionate amount of CAT plan's bill raised by H.P. Forest Department i.e. Rs 13.03. Crores.• Utilization of Rs. Rs 11.7139 crore has received from HP Forest Department.
<p>(II) The land holding of project affected persons whose land is being acquired to be submitted to this ministry. The benefits for the land losing households will be as per the Rehabilitation & Resettlement Policy, 2006, Government of Himachal Pradesh. Adequate publicity of the compensation package should be circulated in the affected villages</p>	<ul style="list-style-type: none">• Acquisition of land for the construction of Stage-I has been completed• Project proponent had submitted the List of MPFs to the MoEF through its various Compliance reports i.e. the compliance report of dated 22.06.2012 .• Acquisition of land for stage II, III & IV is under way.• The benefits to the land losing household's are admissible as per the Rehabilitation & Resettlement plan.• Project proponent is implementing the

	<p>various R&R Schemes.</p> <p>IKHEP, HPPCL has disbursed the land compensation @1,04,000 per biswa (Rs. 20,80,000/ Bigha or Rs2,76,59,574.74 per ha) which is one of the highest rate of land compensation in the Stat apart from this Project proponent had disbursed the resettlement grant to the eligible land looser as per the R&R plan of HPPCL</p>
(III) The Commitment made during the public hearing should be fulfilled.	Project Proponent is committed to comply with all the commitments made during Public hearing and compliance of Commitment made during Environment public hearing is separately discussed in 'Para 13'.
(IV) A scientific study from a reputed institute for deciding the minimum flow to be released during the lean season should be undertaken. Till the study is completed 15% of the average flow of four consecutive leanest months should be maintained for environmental flow. After the study is completed release of minimum flow should be study based or 15% whichever is higher.	<p>Status same as conveyed in the previous 6th monthly compliance period ending June 2016. Scientific study from a reputed institute for deciding the minimum flow require to be releasing during the lean season is in process and project proponent has decided to carry out the Study through IIT Roorkee and project proponent had submitted the Executive summary of EIA/EMP and DPR to the IIT Roorkee and project Environment cell is continuously pursuing the matter telephonically with the IIT Roorkee Dr. Arun Kumar HOD Hydrology of IIT Roorkee apprised to the Project proponent that, ' this aspect of Hydrology is carried out in detail in CEIA and separate study in IKHEP may not be required on receipt of CEIA project proponent may go through the report and if feels like carrying the study may carry out. Since the CEIA report of the Satluj basin is yet not finalized or reveled to the Public domain or project proponent has not received the copy of the same. Moreover Project proponent is committed to release the 15% of the average flow of four consecutive leanest months for environmental flow. Since the construction of IKHEP, Stage -I is completed and as per the commitment made by the Project proponent , in</p>

	<p>previous compliances, project proponent had installed the Continuous flow measuring device in intake for measurement of the 15% e-flow. Which can be verified from www.hppcblive/live/kashang. The construction of Stage II & III is yet not under taken due to matter pending in the NGT, no diversion of water is undertaken yet and 100% of its flow is flowing through its main course of stream /Khad or same stream moreover this aspect of EMP is also incorporated in the EMP of Satluj basin and the aspect is dealt by the IIT Roorkee.</p>
<p>(V) As committed during Environmental Public hearing, the project proponent should clear the shoal formed by silt brought by Garang (also known as Pazzar) a left bank tributary of Kerang khad near village Lippa well downstream of the project by either releasing enough downstream discharge during summer months or through other means</p>	<p>Project Proponent is committed to comply all the commitments made during Public hearing. Status of commitment is addressed under Para A of compliance under Public Hearings. Due to pending litigation in the NGT, PAA of Lippa village are not cooperating with the Project proponent. And project proponent is continuously pursuing the matter with the villagers and taking guidance from the ADB's Environmental Experts in this matter. Team comprising ADB Environment Specialist of ADB Mr. Ralf Gunter Starkloff visited the project site to have dialogue with the villagers of Lippa and Pangi, but Villagers of Lippa did not allow the ADB mission to even entering the village, however, ADB mission had a meeting with the Pradhan of Lippa along with the two other villagers at the District Head Quarter at Reckong Peo, and discussed the various issues of Lippa & visited the Pangi Village and sites of IKHEP stage I and had meetings with the affected people. Finally continuous efforts of Project proponent leads to address the issues of Lippa villagers even after the Judgment of NGT against Environment Clearance and Forest Clearance which were Pronounced by the NGT on 28.01.2016 and 4.05.2016 respectively , in case of Appeal No 14/2011(T). Fnnaly project proponent succeeded to convince the villager and able to started the construction of works from Lippa side. Now peoples of Lippa are welcoming</p>

	<p>the Project Proponent, project proponent is committed fulfill the commitment made in Hon'ble NGT to address the Pazer Issue by Providing sufficient Budget amounting to Rs. 1.88 Crores for removal of Shoal formed at the confluence of Kerang & Pezzar Khads Since the villagers of Lippa are now welcoming the Construction work from Lippa side & Project proponent had placed one Sr. Manager along with the Staff of AE Civil and JO R&R at Spillo for the execution of infrastructure works and other auxiliary works .During this non working season the process of paper formalities for the commitments made in NGT and with the Local is being initiated with the Govt. and HPPCL Management.</p>
<p>(VI) All the equipment which are likely to generate high noise levels is to be fully mollified (noise Reduction measures).</p>	<p>This issue is closed. In case of IKHEP Stage –I condition was fully complied and in case of IKHEP stage II & III this condition will be complied.</p>
<p>(VII) Consolidation and compilation of the muck should be carried-out in the muck dumping sites and the dumping sites should be above high flood level. The proposed plan for the generated muck of 1.17Mm3, of which 0.3Mm3 is proposed to be reutilized for construction material & other filling purpose and remaining 0.879 Mm3 of muck which goes-up 1.231 Mm3 (after increased volume) should be disposed of at 13 designate disposal areas should be strictly implemented.</p>	<p>Excavation work of IKHEP Stage-I has completed and the construction works of Stage II & III was not taken up from Lippa side due to litigation pending in the NGT, hence only 1 No. of dumping site is being used out of which dumping of muck near power house and IPS is complete. Dumping in these sites has been stopped after the completion of excavation work. But due to shooting of stones from the uphill region and improper off loading of muck/debris piled up along the NH-22 by BRO directly down the valley side/powerhouse complex, has badly damaged the gabion walls which were strengthened /restored. Strengthening works of gabions at Power house and IPS has completed. The utilization of excavated muck were being done as per the approval of the material and as on now approximately 25 to 30% of the excavated material has been recycled. Project proponent is encouraging for maximum utilization of excavated muck. Process of Biological treatment of the dumping site is in progress through expert contractors having</p>

	experience in relevant field & the reclamation works of utilized dumping site at Power House and IPS is in progress
(VIII) Compensatory afforestation programme proposed in 86 ha should be implemented in to-to. The proposed greenbelt development in 6 ha. Using 13 different plant species along the approach roads, residential areas, office complex, trench weir sites, powerhouse sites etc at a cost of Rs. 55 lakhs should be taken-up strictly	Rs. 1,19,57,406/- & Rs. 1,58,64,073/- were deposited against CA and NPV respectively with HPFD and due to un - availability of Forest land in the Kinnaur circle, against CA of IKHEP stage II & III HPFD, had diverted the funds to Rampur circle for Compensatory afforestation of 36 ha as intimated by divisional Forest officer Kinnaur. But as per the intervention of NGT and request of project proponent, regarding afforestation in the Kinnaur area itself of aforesaid agency has re-scheduled the APO and allocated / Ear marked CA over the 30 Ha of land for Compensatory Afforestation (CA of IKHEP Stage II & III) DFO Kinnaur, has submitted the Physical and Financial progress of Rs. 68531'-, up to 30 Sept. 2019- in lieu of Budget proviso for the FY 2019-20 amounting to Rs 4,55,000/- CA over 30 ha (in Lippa and in UF Jangi, 10 ha in C-215 Lippa and 10 ha in UF Asarang Area .
(IX) The fisheries management plan for stocking of fish in the streams, tributaries of Sutlej River and the main river itself @ 20,000 fry about 30 mm size fingerlings/annum should be strictly adhered. A total budget of Rs. 105 lakhs is allocated for this purpose should not be diverted.	Out of total outlay of Fishery Management cost i.e. Rs 303.00 Lacs, IKHEP share is Rs.105.00 lacs and Project proponent will have to deposit in five equal installment of Rs 21.00 lacs each and as on date project proponent has deposited Rs 42 lacs with the Director of Fisheries and also requested the Director Fisheries for its financial and physical progress. During the reporting period UC/ Physical and financial Progress of Rs 40,81,215/ had been reported by the Director cum Warden and assured that the rest of the balance payment will be disbursed / spent in Fisheries development activities in Kinnaur area.
(X) The proposed Wildlife Management, Development and Conservation of Biodiversity Plan of the sanctuary at a cost of Rs. 100 lakhs spread over 10 years should be taken up strictly in the area outlined in the plan (as mentioned in EMP-Chapter-5)	Wildlife Management is a part of CAT Plan and has been reported under CAT Plan Head. Similarly during the reporting period Divisional Forest Officer, Wildlife Sarahan has implemented on various activities & Rs. 80, 29,462/- has been spent by DFO wildlife Sarahan up to Sept. 2019 on various activities with respect

without any diversion of funds.	to wildlife Management which is one of the component of CAT plan of Integrated Kashang HEP & DFO Wild life has conveyed the physical and financial progress of Rs 20,162/-during the financial year 2019-20as is achived Annexure-G
(XI) The Wildlife sanctuary exists at a distance of 1.5 km from stage-IV. The Clearance from Steering Committee of NBWL under Wildlife (Protection) Act. 1972 should be obtained.	During 31 st meeting standing Committee of National Board for wildlife held on 12 th - 13 th August 2014 at Indira Paryavaran Bhawan, New Delhi and has recommended the proposal and MOEF Govt of India has conveyed the Clearance Vide its F No.6-47/2014-WL(31 st Meeting) GoI, MoEF&CC dated 03.12.2014 Copy already enclosed as Annexure-EC-III in previous compliance. In compliance to the NBWL's recommendation that the Project proponent has deposited Rs 9.5605 i.e. 2% of the Project cost for Core against integrated Kashang HEP Stage I for the monitoring of .

Part –B: General Conditions

(I) Adequate free fuel arrangement should be made for the labour forces engaged in the construction work at project cost so that indiscriminate felling of trees is prevented.	L.P.G./kerosene oil heaters are being provided to the labour by the contractors and subcontractors of HPPCL. Community kitchen is functional for all and no fuel-wood from forest is being used for the labourer engaged in the construction activities of project, So far, during reporting period i.e., April 2019 to Sept. 2019, 73 numbers of cylinders (19Kgs/Cylinder) by M/S Patel Engineering , have been provided to the workers besides running a community kitchen/mess at different locations, Since the Construction activities of Stage –I. being implemented by M/S HCC is complete now
(II) Fuel depot may be opened at the site to provide the fuel (Kerosene/ wood/LPG) Medical facilities as well as recreational facilities should also be provided to the labours.	L.P.G./kerosene oil heaters are being provided to the labour by the contractors and subcontractors of HPPCL. Community kitchen is functional for all and no fuel-wood from forest is being used for the labourer engaged in the construction activities of project, So far, during reporting period i.e., april 2019 to Sept 2019, 73 numbers of cylinders (19Kgs/Cylinder) by M/S Patel Engineering , have been provided to the workers besides running a community kitchen/mess at different locations, Since the Construction activities of Stage –I. being implemented by M/S HCC is complete now A dispensary has been opened at project site with one Pharmacist and medical aids, at Intake and Power House sites by Ms Patel Engineering and M/s

	<p>Andritz Hydro Ltd. respectively. Time to time Medical camps were organized by HPPCL in Project affected areas and free medicines distributed. The main executing agency i.e M/s Patel Engineering Ltd. is providing adequate medical and recreational facilities for labourers by providing Television, sports kits etc.</p> <p>During the reporting period, i.e. April 2019 to Sept. 2019 expenditure incurred for providing medical facilities, by main contractor i.e. M/s PEL are as under:-</p> <ol style="list-style-type: none"> 1. Compounder and Tr. Medical Staff Expenses Rs. 1,03,226/- 2. Purchasing medicines 71,400
(III) All the labours to be engaged for construction works should also be thoroughly examined by health personnel and adequately treated before issuing them work permit	<p>Prior to the enrollment in the execution activities all, the laboures are thoroughly checked up and after ensuring the complete fitness the labourers are being engaged, Routine/ time to time checkups are being followed up by the Main contractors. All new labourers being enrolled are subjected to medical check-ups</p>

<p>(IV) Restoration of construction area including dumping site of excavated material should be ensured by leveling, filling up of burrow pits, landscaping etc. The area should be properly treated with suitable plantation.</p>	<p>The muck management proposal included in the EMP which includes engineering and biological measures for stabilization and reclamation of designated muck dumping sites. Out of 13 no. of dumping sites only 5 no. of dumping sites are being used. Excavation works of IKHEP Stage-I is complete except balancing reservoir and the construction works of Stage- II & III not under taken from Lippa side due to litigation pending in the NGT, hence only 5 No. of dumping sites were used out of which dumping of muck near power house and IPS is complete. Dumping in these sites has been stopped after the completion of excavation work. Since dumping is complete in these dumping sites near power house site and IPS Site. Now all the restoration works of damaged protection works near power house and the engineering measurers/ restoration works of dumping sites at Intake, Power house and IPS have been completed which were damaged by the BRO as on June, 2016.</p> <p>As on date. 12,872 nos of create walls were constructed at various sites of IKHEP.</p> <p>Power House site = 11,871 Nos.</p> <p>Intake site. = 351 Nos</p> <p>IPS site- = 650 Nos</p> <p>The above mentioned gabion walls have been raised/constructed and now project proponent has started the reclamation of dumping site /biological treatment/measures of the Dumping sites at power House and IPS completed through the Contractor having expertise in the releventfield in consultation with HPFD & works is in Progress.</p>
<p>(V) Financial provision should be made in the total budget of the project for implementation of the above suggested safeguards measures</p>	<p>A provision of Rs 51.50 Crore has been kept for implementation of the EMP which includes the cost of implementation of these safeguards. Apart from this 1.5% of the total project cost is also kept as Local Area Development Fund, and a sum of Rs</p>

	7.06 crore has already been deposited with the local Area Development authority against Stage-I and process of releasing of next installment is in process against Stage- II & III subject to the outcome of NGT Judgment. 1 st installment of LADA amounting to Rs 72.10 lacs has already been deposited with the LADC out of Rs. 7.21 crore. Since the IKHEP is registered as CDM project and revenue earned from the sale of certified emission reduction certificate (CER) 2% of the revenue will also be spent for the community development activities. However, it has been assured by the Management that adequate funds for implementation of EMP shall be made available.
(VI) Six monthly monitoring reports should be submitted to be Ministry and its Regional Office, Chandigarh for review.	Monitoring reports are being submitted regularly. Last report for the period ending June , 2019 was sent vide GM Kashang letter No HPPCL/(/IK)/E&F(K-I)(XX/2019-20- 3168-72 -dated 05.11.2019 copy attached as Annexure -
6. Officials from Regional Office MOEF, Chandigarh who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection.	During this period none of the representative of Regional office MOEF Chandigarh/ Dehradun has visited the project site of IKHEP. HPPCL commits to provide full co-operation and to ensure documents/data available to the official (s) from MOEF, Chandigarh/ Dehradun during the inspection.
7. The responsibility of implementation of environmental safeguards rests fully with the Himachal Pradesh Power Corporation Ltd. & Government of Himachal Pradesh.	Project proponent is abiding by the condition. And for effective implementation of safeguard policies HPPCL has established an Environment cell at each project level with Experienced & qualified Environment and R&R staff
8. The total amount of Rs. 51.50 Crores kept in the budgetary provisions for implementation of environmental management plan should be strictly adhered and not to be diverted for any other purpose.	Project proponent is abiding by the condition.
9. In case of change in the scope of the project would require a fresh appraisal.	No change in the scope is envisaged at present.
10. The Ministry reserve the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions	In case of IKHEP Stage I, no additional safeguard measures were imposed by MOEF.

of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
11. This clearance letter is valid for a period of 10 years from the date of issue of this letter for commencement of construction work.	Project has already commenced
12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban 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.	Intimation of the Environmental clearance has been sent to the concerned Panchayat and published in two daily News papers and hosted in HPPCL's official website.
13. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project had 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 Forest at http://www.enfor.nic.in	Insertions in the News papers for wide publicity were made as directed. This condition was complied at the time of processing EC clearance and same was conveyed vide previous compliance reports. vide HPPCL/(/IK)/E&F(K-I)(XX/2019-20-3168-72 dated 05.11.2019.
14. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional office of MOEF, the respective Office of CPCB and the SPCB	Monitoring reports are being submitted regularly. Last report for the period ending June, 2019 was sent vide GM Kashang letter No HPPCL/(/IK)/E&F(K-I)(XX/2019-20- 3168-72 -dated 05.11.2019 copy attached as Annexure -H
15. Any appeals against the environmental clearance shall lie with the national Environment Appellate Authority, if preferred with the period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.	Two writ petitions filed by Bhagat Singh Kinnar Vs Union of India & Devi Gayan Vs Union of India were disposed off in National Green Tribunal , New Delhi on 28th January, 2016. The judgment against Appeals filed in the NGT against Environment and Forest clearance named 14/2011(T) & 28/2013 have been Pronounced by NGT on 28.01.2016 & 4.05.2016 which is available in the official web site of NGT i.e. www.greentribunal.gov.in

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No. 4022
H.P. Forest Department.

Dated R/peo 24-10-19

From: DFO Kinnaur.

To: CF Rampur.

Subject: - Quarterly progress report of various CAT Plan for the Quarter ending 30.09.2019.

Memo:

The Quarterly progress report of various CAT Plan for the Quarter ending 30.09.2019 in respect of Kinnaur Forest Division is sent herewith on the prescribed proforma for favour of information and necessary action at your end please.

Encl: As above.

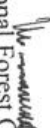

Divisional Forests Officer,
Kinnaur Forest Division, at R/Peo.



Quarterly progress report regarding Kashnig CAT Plan for the quarter ending 30.09.2019 in respect of Kinnaur Forest Division.

Component	Name of Activity as per CAT Plan.	Name of Range	Name of Block	Name of Beat	Name of Area	Nam of Works.	Target allotted for the year 2019-20	Target achieved upto Pre. Qtr.	Target achieved during the	Progressive achievement	Remarks			
1	2	3	4	5	6	7	Phy in hac.	Fin.	Phy	Fin	Phy	Fin.	16	
Name of CAT Plan: Kashang.														
NTFP	NTFP (Herb Plantation)	Kalpa	Kalpa	Pangi	U/F-Rukhikhona	Plantation.	5	186000	0	0	0	0	0	
		Total NTFP (Herb Plantation)							5	186000	0	0	0	
		Enrichment	Kalpa	Kalpa	Pangi	C-234	Plantation.	5	226300	0	0	0	31215	0
		Total Enrichment Plantation/ Regeneration							5	226300	0	0	31215	0
		Total Plantation							10	412300	0	0	31215	0
		Maint. Of Old Plantation												
		Maint. Of old Pinations.	Enrichment											
		2nd Year	Kalpa	Kalpa	Pangi	C-233	Maint.	5	18000	0	0	0	0	0
			Kalpa	Kalpa	Pangi	C-240		7	25200	0	0	0	0	0
		Total 2nd year Maint.							12	43200	0	0	0	0
3rd Year	Kalpa	Kalpa	Pangi	C-234	Maint.	5	9500	0	0	0	0	0		
	Kalpa	Kalpa	Pangi	C-240-11		5	9500	0	0	0	0	0		
	Moorang		Rarang	C-232		5	9500	0	0	0	0	0		
	Moorang		Rarang	U/F Khindra		5	9500	0	0	0	0	0		
	Moorang		Rarang	U/F Thiopan		5	9500	0	0	0	0	0		
	Moorang		Jangi	C-223 a		5	9500	0	0	0	0	0		
	Moorang		Jangi	C-223 b		5	9500	0	0	0	0	0		
	Moorang		Lippa	C-216		5	9500	0	0	0	0	0		
	Moorang		Lippa	U/F Asrang		3	5700	0	0	0	0	0		
Total 3rd year Maint.							43	81700	0	0	0	0		
4th year maint.														
	Moorang	Jangi	Rarang	C-232(b)	Maint.	5	9500	0	0	0	0	0		
	Kalpa	Kalpa	Pangi	C-240		5	9500	0	0	0	0	0		
Total 4th year.							10	19000	0	0	0	0		
Total:-Maint Enrichment.							65	143900	0	0	0	0		
Herb Maint.														
1st year maint.	Kalpa	Kalpa	Pangi	C-233	Maint of 1st yr.old Plantation.	5	21000	0	0	0	0	0		
1st year maint							5	21000	0	0	0	0		

2nd Year Maint.	Kalpa	Kalpa	Pangi	C-234b	Maint of 2nd yr. old Plantation.	5	15500	0	0	0	0	0	0
Total 2nd. Year						5	15500	0	0	0	0	0	0
3rd year maint.	Kalpa	Kalpa	Pangi	C-234b		5	13000	0	0	0	0	0	0
Total 3rd year						5	13000	0	0	0	0	0	0
Total Maint.						15	49500	0	0	0	0	0	0
Total Maint.						80	193400	0	0	0	0	0	0
G.T. Plantations.						90	605700	0	0	0	31215	0	0


 Divisional Forest Officer,
 Kinnaur Forest Division at
 Rekong Peo. 172107
 email: divisionkinnaur@gmail.com

Status of details of expenditure under R&R activities carried out in Village Pangi as on 30/09/2019.

Sr. No.	R&R and other activities	Total Amount	Balance Amount
1	Land Compensation	45,38,52,964	5,36,523
2	Financial Assistance in Lieu of Forest Customary Rights to 510 PAF's.	3,76,40,250	
3	R&R Grants	96,97,087	
4	272 No. Works awarded to 45 Contractors (w.e.f year 2008 to 30.09.2019)	17,39,60,844	
5	LADF (Local Area Development Fund) deposited against Stage -I (Rs. 7.06 Crore), Stage-II & III (0.72 Crore) of IKHEP.	7,78,10,000	
6	Damage Compensation	0.00	
i	Compensation for Cracks in houses (151 Families)	25,00,000	
	Additional Compensation for Cracks in houses	80,00,000	
ii	Damage Compensation (5 No. Families)	18,95,873	
7	R&R Activities	0.00	
i	Crop compensation w.e.f. 2010-11 to 2013-14	2,71,31,741	
ii	Training & Awareness Camps (18 No.)	4,27,671	
iii	Merit Scholarship Scheme (26+46+32+38+31+28+15+29+25+41=311 Nos.)	25,00,800	
iv	School Competition (10 No.)	67,898	
v	Sports Tournament (5 No.)	1,01,406	
vi	Varshik Mela (3 No.)	3,10,667	
vii	Project level Medical Fund Scheme (53 beneficiaries) up to Sept., 2019	12,75,696	
viii	Grant to CBO (Community based Organization)	80,000	
	Total -	79,52,09,126	
8	Other benefits extended to MPAF's & PAF's of Pangi Village under R&R Programme.		
i	Sponsored Candidates in various ITI of Himachal Pradesh (50 No. + 4 Nos. (during this year 2019-21).	19,71,648	
ii	Indirect Employment in HPPCL through outsource (w.e.f year 2008 to 30-09-2019) = 64 (As on date 35)	4,40,45,399	
	Employment in HCC -69	0.00	
	Employment in M/s Patel Engineering -46	0.00	
	M/s Adriz Hydro -9	0.00	
iii	28 Vehicle hired in IKHEP from Pangi village (w.e.f year 2008 to 30.09.2019)	2,38,71,666	
9	Other Misc. welfare works	0.00	
i	Donation of 4 No. Trees for Construction of Devta Mandir at Village Pangi	7,12,187	
ii	Purchasing & installation of Additional 25 No. Solars Light	4,77,925	
iii	Plots (5 Biswa each for 7 families)	36,40,000	
vi	Plots (5 Biswa each for 7 families) allotted during December, 2016	36,40,000	
v	Works executed on the demand of Project Affected Panchayat residents as well as other PAP related works as executed as per directions of head of Project.	3,25,36,204	
vi	Expenditure incurred on other R&R/Welfare activities	75,14,084	
	Total	11,84,09,113	
	Grand Total	91,36,18,239.00	5,36,523


 Assistant Officer (R&R),
 Indira Nagar, Pangi, Pangi,
 HPPCL, Pangi, Pangi,
 Distt. Kinnaur-172107

Ministry of Environment and Forests Northern regional office Dehradun DATA SHEET		
1	Project Type	Hydro Electric Project
2	Name of the Project	Integrated Kashang Hydroelectric Power Project Stage-I, II & III& IV(243MW)
3	Clearance letter (S) O.M NO. &dates	<p>Environment clearance for Integrated Kashang HEP vide letter No. J-12011/81/2007-IA.1 dated 16/04/2010.</p> <p>Environment clearance for Kashang HEP (66 MW) letter No. J-12011/13/2002-IA.1 dated 15/11/2002.</p> <p>Forest Clearance for Stage –I vide letter NO. F-No.8-8/2001-FC dated 23rd June 2004.</p> <p>Forest Clearance for Stage II & III vide letter No. F-No.9HPC366/09-CHA dated 14th June 2011.</p>
4	Location: a)District (S) b)State (S) c) Latitudes/Longitudes	<p>Kinnaur Himachal Pradesh</p> <p>Latitude: 31° 37' 30" N to 31° 39' 21.3" N</p> <p>Longitude: 78° 17' 30" E to 78° 21' 36.4" E</p>
5	Address for correspondence:	Dy.General Manager (C) Cum HoP, Integrated Kashang HEP Stage II &III, Kinfed Building, HPPCL, Reckong Peo, Distt. Kinnaur.
6	Salient features: a) Of the Project b) Of the Environmental Management plans	<p>Integrated Kashang Hydroelectric Project is proposed for development using waters of Kashang and Kerang streams, right bank tributaries of river Sutlej. The project is located in Kinnaur district of Himachal Pradesh and is owned by HPPCL,</p> <p>Kashang and Kerang river valleys are adjacent to each other and are separated by a high altitude ridge in the area of the project. Topographic features permit diversion of Kashang khad at an altitude of roughly 2830 m to an underground powerhouse located on the right bank of Sutlej river, developing a head of approximately 830 m. Topographic and geological features between Kerang and Kashang valleys are also conducive for diversion of Kerang khad, which has higher inflows than Kashang, into the Kashang water conductor system for significant augmentation of generating capacity at Kashang power house.</p>

		<p>The proposed Integrated Kashang Project comprises of four distinct stages of development:</p> <ul style="list-style-type: none"> • Stage-I, comprising of diversion of the Kashang stream, at El. 2829 m, to an underground powerhouse located on the right bank of Sutlej near Powari village, developing a head of approximately 830 m; • Stage-II, comprising of diversion of the Kerang stream, at El. 2870 m, into an underground water conductor system leading the upstream end of Stage-I water conductor system; • Stage-III, consisting of augmenting the generating capacity of Stage-I powerhouse using Kerang waters over the 820 m head available in Kashang Stage-I powerhouse. • Stage-IV, comprising of more or less independent scheme harnessing the power potential of Kerang stream upstream of the diversion site of Stage-II. In this scheme, a head of approximately 300 m could be utilized to develop power in an underground powerhouse located on the right bank of Kerang <p>The following components of EMP are being implemented:-</p> <ol style="list-style-type: none"> 1. Catchment Area Treatment Plan. 2. Implementation of Resettlement & Rehabilitation Plan. 3. Compensatory Afforestation. 4. Muck Management Plan. 5. Health Management Plan. 6. Provision for Subsidized Fuel. 7. Disaster Management Plan. 8. Environment Monitoring Plan. 9. Fisheries Development Plan
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7	Breakup of the project area a) Submergence area: forest and non- forest. b) Others	Since it is a run of the river scheme there will be no submergence of forest and non-forest area.																														
8	Break up of project affected population with enumeration of those losing house/dwelling units only both dwelling units and agriculture land and landless labourers/artisans. a) SC/ST/adivasis b) Others 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.	In the IKHEP Stage–I total affected families are 521 out of which MPFs are 180 (loosing lands/ dwelling units) on the basis of land acquisition data FRA status																														
9	Financial details: a) projects cost as originally planned and Subsequent revised estimates and the year of price reference.	<p>The stage wise project cost as per DPR is as under:-</p> <p>a.</p> <table><tr><td>Stage of the project</td><td>Civil Work</td><td>E & M Works</td><td>Total</td></tr><tr><td>I</td><td>288.79</td><td>246.50</td><td>535.29</td></tr><tr><td>II & III</td><td>274.28</td><td>97.50</td><td>371.78</td></tr><tr><td>IV</td><td>186.87</td><td>108.50</td><td>295.37</td></tr><tr><td>Total</td><td>749.94</td><td>452.50</td><td>1202.44</td></tr></table> <p>As per the approved TEC now revised cost for stage I,II &III:-</p> <table><tr><td>Project</td><td>Civil</td><td>E&M</td><td>IDC, Financial Charges &LADA</td><td>Total</td></tr><tr><td>Stage-I</td><td>290.13</td><td>114.67</td><td>73.21</td><td>478.01</td></tr></table>	Stage of the project	Civil Work	E & M Works	Total	I	288.79	246.50	535.29	II & III	274.28	97.50	371.78	IV	186.87	108.50	295.37	Total	749.94	452.50	1202.44	Project	Civil	E&M	IDC, Financial Charges &LADA	Total	Stage-I	290.13	114.67	73.21	478.01
Stage of the project	Civil Work	E & M Works	Total																													
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Project	Civil	E&M	IDC, Financial Charges &LADA	Total																												
Stage-I	290.13	114.67	73.21	478.01																												

		Stage-II&III	303.18	123.33	61.68	488.19										
		Total	593.31	238.00	134.89	966.20										
		b)Allocation made for environmental management plans with item wise and Year wise break up.														
		C) Benefit cost ratio/Internal rate of return and the year of assessment.														
		d) Whether (c) includes the cost of environmental management as shown in b) above														
		e) Actual expenditure incurred on the project so far.														
		F) actual expenditure incurred on the environmental management plans so far:														
		<table><tr><td>Scheme</td><td>Expenditure (in Rs.)</td></tr><tr><td>CAT Plan</td><td>13,03,00,000</td></tr><tr><td>Compensatory Afforestation</td><td>Rs 33,66,650 against stage-I & Rs 1,19,57,406 against stage-II&III</td></tr><tr><td>Net Present Value</td><td>1, 08, 54,136 against stage-I. Rs 1,58,64,079 against stage II&III</td></tr><tr><td>Pollution Control Board</td><td>1,29,97,400</td></tr><tr><td>Deptt. of Env. Science and Technology</td><td>20,00,000/-</td></tr></table>					Scheme	Expenditure (in Rs.)	CAT Plan	13,03,00,000	Compensatory Afforestation	Rs 33,66,650 against stage-I & Rs 1,19,57,406 against stage-II&III	Net Present Value	1, 08, 54,136 against stage-I. Rs 1,58,64,079 against stage II&III	Pollution Control Board	1,29,97,400
Scheme	Expenditure (in Rs.)															
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Pollution Control Board	1,29,97,400															
Deptt. of Env. Science and Technology	20,00,000/-															

		<table><tr><td>Fisheries Management plan</td><td>42,00,000</td></tr><tr><td>Total expenditure</td><td>17,95,82,256/-</td></tr></table>	Fisheries Management plan	42,00,000	Total expenditure	17,95,82,256/-									
Fisheries Management plan	42,00,000														
Total expenditure	17,95,82,256/-														
10	Forest land requirement: a) The status of approval for diversion of forest land for non- forestry use. b) The status of clear felling. c. The status of compensatory afforestation, if any. d. Comments on the viability & sustainability of compensatory afforestation programme in the light of	<table><tr><td colspan="2">a. Total Forest Land required for IKHEP</td></tr><tr><td>Stage of the project</td><td>Forest Land (Hac.)</td></tr><tr><td>I</td><td>18.7142</td></tr><tr><td>II & III</td><td>17.6857</td></tr><tr><td>IV</td><td>25.5000</td></tr><tr><td>Total</td><td>61.8999</td></tr></table> <p>So far as the Stage-I of the project is concerned approval for diversion of forest land for non forestry purpose has been obtained from MOEF vide letter. F. No- 8-8/2001-FC dated 23rd June2004 .Diversion of 17.6857 Hact. of forest land for construction of Stage II & III(130MW) has been accorded by MOEF New Delhi vide MOEF letter F. No. 9HPC 366/09-CHA dated 14th June 2011.Whereas the diversion of forest land i:e 25.5000 Hect. against the stage IV, has been proposed for which revenue papers are being processed.</p> <p>b. Against Stage-I there were 349 trees earmarked for felling, out of which 143 trees got felled and total cost of the trees has been deposited with Himachal Pradesh Forest Department, where as 206 trees has been saved by project proponent. Against stage II &III, MOEF has accorded the Forest Clearance along with the felling approval of 630 No. of trees which is yet to be undertaken by the project proponent. Compensatory Afforestation of 38 Ha. has been achieved so far against stage-I. Against stage-II&III, June 2011 vide letter no HPPCL/IKHEP/Env.R&R-4/Vol-VII/2011-1968-70 dated 02.06.11. In lieu of CA against 17.6857 hect. of Forest Land diverted</p>	a. Total Forest Land required for IKHEP		Stage of the project	Forest Land (Hac.)	I	18.7142	II & III	17.6857	IV	25.5000	Total	61.8999	
a. Total Forest Land required for IKHEP															
Stage of the project	Forest Land (Hac.)														
I	18.7142														
II & III	17.6857														
IV	25.5000														
Total	61.8999														

	actual field experience so far.	against Stage II III, Rs 1,19,57,406/- has been deposited with HP Forest Department vide letter No. HPPCL/IKHEP/E&RR-IV-V01/2010-11-11410-13 dated 31/03/2011 DFO Kinnaur has conveyed physical and financial progress during the last Financial year DFO Kinnaur had conveyed Rs11.71Crore up to 31.03.2019. During this first half year DFO.
11	The status of clear felling in non forest areas (such as submergence area of reservoir approach road) if any, with quantitative information.	Since it is a runoff the river (R-O-R) scheme no submergence is involved thereof.
12	Status of construction:- a) Date of commencement (actual and/ or planned) b) Date of completion (actual and/ or Planned)	<p>a. Date of commencement 9.04.2009,for Stage-I, 12 .11.2010 for Stage II &III.</p> <p>b. Integrated Kashang HEP Stage- I was commissioned in the month of Sept. 2016. Stage II &III due to resistance by the villagers of Lippa. Now after the disposal of NGT case villagers of Lippa are now welcoming the Project proponent for the Construction work.</p>
13	Reason for delay if the projects is yet to start:	Due to Torrential rain and cloud burst incident during the month of June 2013. Construction works of Integrated Kashang HEP Stage –I, were hampered , and as far as stage II &III is concerned due to litigation against Environmental Clearance and Forest Clearance case of Stage II &III at NGT the work of IKHEP Stage II &III could not be started.

Cost for Implementing Environment Management Plan

Sl. No.	Particular	Amount (Rs. in Lakhs)
1	Catchment Area Treatment Plan	3050.60
2	Implementation of Resettlement & Rehabilitation Plan	300.00
3	Compensatory Afforestation	541.00
4	Greenbelt Development	55.00
5	Wildlife Management and Biodiversity Conservation Plan*	100.00*
6	Muck Management Plan	552.00
7	Restoration Plan for Quarry Sites	64.00
8	Landscape and Restoration Plan	26.00
9	Health Management Plan	65.00
10	Provision for Subsidized Fuel*	113.00*
11	Solid Waste Management	228.00
12	Disaster Management Plan	40.00
13	Environment Monitoring Plan	124.00
14	Fisheries Development Plan	105.00
	TOTAL	5150.60

*The cost of these plans has already been included in the Catchment Area Treatment Plan.

Cost Estimate of CAT Plan

Sl. No.	Particulars	Amount (Rs. Lacs)
1	Treatment Works under free draining catchment.	
a)	Biological Measures	495.56
b)	Engineering Measures.	418.90
2	Treatment Works Under Impact Area.	
a)	Biological Measures	120.00
b)	Engineering Measures.	80.00
3	Treatment Works under private land	
a)	Biological Measures	29.77
b)	Engineering Measures.	10.49
	Sub Total (1) + (2) + (3)	1154.72
4	Implementation of Support Infrastructure Cost	35.23
5	Fuel wood saving devices.	14.40
6	Training and Extension Programme	15.25
7	Preparation of Micro Plans	30.50
8	Documentation	15.25
9	Gender Support	15.25
10	Funds for Educational Activities related to Medicinal Plant Sector	30.50
11	Monitoring of silt	36.00
12	Development of Eco-tourism	50.00
13	Provision for floristic survey	20.00
14	Support for Eco-task force	61.00
15	Provision for Monitoring and Evaluation Activities	152.00
16	Provision for providing Environmental Services.	305.00
17	Provision for forest protection	50.00
18	Provision for forest infrastructure development	100.00
19	Provision for rural infrastructure development	214.40
20	Publicity and environmental awareness	20.00
21	Capacity building	25.00
22	Wildlife Management and Biodiversity Conservation Plan (Chapter-5)	100.00
23	Provision for Subsidized Fuel (Chapter-10)	113.00
24	Cost escalation at 10% per year	493.10
	Grand Total	3050.60

Trial Balance for the financial year 2019-20 (as on 31.10.2019)

IKHEP

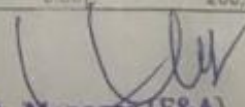
Account Number/Head of Account	Balance Carryforward As on 01.04.2019	Debit during the year	Credit during the year	Accumulated balance As on 31.10.2019
1000/1000001 CASH A/C KASHANG	6,417.00	85,381.00	82,468.00	9,330.00
1000/1000200 STAMPS IN HAND	2,283.00	10,000.00	7,274.00	5,009.00
1000/1010300 SBI (KASHANG)-6943	7,066,272.00	0.00	0.00	7,066,272.00
1000/1010301 SBI (KASHANG)-6943	1,005,770,158.27	3,776,049.00	8,655.00	1,009,537,552.27
1000/1010302 SBI (KASHANG)-6943	-1,011,562,488.69	480,537.00	4,324,699.00	-1,015,406,650.69
1000/1010802 HDFC (SHONGTONG)4868	0.00	0.00	0.00	0.00
1000/1020361 HDFC (KASHANG) 2461	445,447,397.92	195,663,121.00	10,002,750.00	631,107,768.92
1000/1020362 HDFC (KASHANG) 2461	-443,884,730.39	51,950.00	179,877,230.00	-623,710,010.39
1000/1050000 LAND - LEASEHOLD	11,000.00	0.00	0.00	11,000.00
1000/1050001 LAND - FREEHOLD	515,272,597.48	0.00	0.00	515,272,597.48
1000/1050001 LAND - FREEHOLD	80,298,120.00	0.00	0.00	80,298,120.00
1000/1050010 RESIDENT BUILDINGS	12,041,895.02	0.00	0.00	12,041,895.02
1000/1050011 NON-RES. BUILDING	56,757,459.99	0.00	0.00	56,757,459.99
1000/1050012 TEMP SHEDS/IRRECTION	6,648,043.00	0.00	0.00	6,648,043.00
1000/1050020 *RDS, BRDG TRF TUNNE	0.00	0.00	0.00	0.00
1000/1050030 PROJECT CIVIL WORKS	6,344,681,624.79	0.00	0.00	6,344,681,624.79
1000/1050031 PROJECT E&M WORK	3,140,888,000.70	0.00	0.00	3,140,888,000.70
1000/1050041 OFFICE MACHINERY	1,593,465.78	0.00	0.00	1,593,465.78
1000/1050060 ELECTRIC ELECTRIC ITEM	6,874,305.00	44,795.81	0.00	6,919,100.81
1000/1050070 FURNITURE & FIXTURE	7,490,223.34	0.00	0.00	7,490,223.34
1000/1050080 COMPUTER & DATA PROC	4,474,042.91	118,850.11	0.00	4,592,893.02
1000/1050090 SOFTWARE	310,249.00	0.00	0.00	310,249.00
1000/1050100 VEHICLES	1,502,041.00	0.00	0.00	1,502,041.00
1000/1050114 HELIPAD	774,723.00	0.00	0.00	774,723.00
1000/1050114 HELIPAD	1,549,446.00	0.00	0.00	1,549,446.00
1000/1050150 ROADS	242,132,285.54	0.00	0.00	242,132,285.54
1000/1050160 ASSET NOT OWNED ROADS	6,209.00	0.00	0.00	6,209.00
1000/1050180 INFRA DEV CONT POWER	24,986,026.08	0.00	0.00	24,986,026.08
1000/1060010 ACC DEP RES.BUILD.	-3,203,134.33	0.00	0.00	-3,203,134.33
1000/1060011 ACC DEP NON-RES.BLD.	-7,239,717.99	0.00	0.00	-7,239,717.99
1000/1060012 ACC DEP TEMP SHEDS	-6,668,905.00	0.00	0.00	-6,668,905.00
1000/1060020 ACC DEP ROD/BRG/TUNL	-392.00	0.00	0.00	-392.00
1000/1060030 ACC DEP PRJ.CIVILWRK	-778,714,963.00	0.00	0.00	-778,714,963.00
1000/1060031 ACC DEP PRJ. E&M WRK	-331,730,310.66	0.00	0.00	-331,730,310.66
1000/1060041 ACC DEP OFFICE MACHN	-602,772.48	0.00	0.00	-602,772.48
1000/1060060 ACC DEP ELECT. ELECTR	-2,530,964.90	0.00	0.00	-2,530,964.90
1000/1060070 ACC DEP FURNITURE	-3,482,371.64	0.00	0.00	-3,482,371.64
1000/1060080 ACC DEP COMPUTERS	-3,918,384.06	0.00	5,958.04	-3,924,342.10
1000/1060090 ACC DEP SOFTWARE	-310,246.00	0.00	0.00	-310,246.00
1000/1060100 ACC DEP VEHICLES	-1,351,836.90	0.00	0.00	-1,351,836.90
1000/1060114 ACC DEP HELIPAD	-349,709.00	0.00	0.00	-349,709.00
1000/1060114 ACC DEP HELIPAD	-139,728.00	0.00	0.00	-139,728.00
1000/1060150 ACC DEP ROADS	-48,888,932.29	0.00	0.00	-48,888,932.29
1000/1060160 ACC DEP NOT OWN ROADS	-6,209.00	0.00	0.00	-6,209.00
1000/1060180 ACC DEP INFRA CONST	-3,064,303.00	0.00	0.00	-3,064,303.00
1000/1070000 CWIP - RES.BUILDING	0.00	0.00	0.00	0.00
1000/1070001 CWIP - NON-RES.BUILD	0.00	0.00	0.00	0.00
1000/1070010 CWIP - ROD/BRDG/TNL	0.00	0.00	0.00	0.00
1000/1070020 CWIP - PRJ.CIVIL WRK	26,523,049.00	0.00	0.00	26,523,049.00
1000/1070020 CWIP - PRJ.CIVIL WRK	1,224,097,907.54	0.00	0.00	1,224,097,907.54
1000/1070030 CWIP - PRJ. E&M WORK	28,518,410.00	0.00	0.00	28,518,410.00
1000/1070050 CWIP - INVEST & SRVY	0.00	0.00	0.00	0.00
1000/1070050 CWIP - INVEST & SRVY	635,051.00	0.00	0.00	635,051.00
1000/1070051 CWIP - R&R EXPENSES	0.00	0.00	0.00	0.00
1000/1070051 CWIP - R&R EXPENSES	87,744.00	0.00	0.00	87,744.00
1000/1070052 CWIP - ENVIRONMENT. EXP.	0.00	0.00	0.00	0.00
1000/1070053 CWIP - ECOLOGY EXP.	0.00	0.00	0.00	0.00
1000/1070080 AUC - INCIDENTAL EXP.	0.00	0.00	0.00	0.00
1000/1070080 AUC - INCIDENTAL EXP.	915,073,906.89	0.00	0.00	915,073,906.89

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1000/1070092 CWIP - LADA	0.00	0.00	0.00	0.00
1000/1070093 CWIP CLEARING A/C	0.00	0.00	0.00	0.00
1000/1080000 IUT - FNDTR.CRP.OFF.	-6,616,259,773.53	409,406,291.00	222,130,572.51	-6,428,984,055.04
1000/1080000 IUT - FNDTR.CRP.OFF.	-412,279,076.09	0.00	2,044,582.00	-414,323,658.09
1000/1080001 IUT - FUND TR.KSHNG.	0.00	0.00	0.00	0.00
1000/1080001 IUT - FUND TR.KSHNG.	0.00	720,471.00	64,540,121.00	-63,819,650.00
1000/1080002 IUT - FUND TR.SHTNNG	-264,311.50	1,171.00	13,993.50	-277,134.00
1000/1080003 IUT - FUND TR.SAINJ	-9,408.00	0.00	0.00	-9,408.00
1000/1080004 IUT - FUND TR.SWRA-KD	-70,145.00	0.00	0.00	-70,145.00
1000/1080006 IUT - FUND TR.RENUKA	75,000.00	0.00	0.00	75,000.00
1000/1080007 IUT - FUND TR.SNDNGR	71,196.00	0.00	0.00	71,196.00
1000/1080009 IUT - FND TR.TH.N.PL.	5,420.00	1,850.00	1,850.00	5,420.00
1000/1080019 IUT - FUND TR KASH II	0.00	65,132,136.00	822,553.00	64,309,583.00
1000/1080019 IUT - FUND TR KASH II	0.00	0.00	489,933.00	-489,933.00
1000/1080021 IUT - FUND TR BARAKH	0.00	0.00	0.00	0.00
1000/1080100 IUT-LOANTR.CORP.OFF.	-280,094,283.18	0.00	0.00	-280,094,283.18
1000/1080100 IUT-LOANTR.CORP.OFF.	395,027,250.93	0.00	0.00	395,027,250.93
1000/1080200 IUT - Rev & Exp Corp	-15,643,998.76	0.00	0.00	-15,643,998.76
1000/1080201 IUT -Rev & Exp SNGR	-39,184,305.57	0.00	0.00	-39,184,305.57
1000/1090000 ADV. GOVT. DEPTT.	7,984,793.00	0.00	0.00	7,984,793.00
1000/1090001 ADV. SUPL/CONT/CONSL	0.00	671,460.00	71,460.00	600,000.00
1000/1090001 ADV. SUPL/CONT/CONSL	61,217,146.00	35,750.00	5,777,695.00	55,475,201.00
1000/1090006 FOUR MONTH PAY ADV.	0.00	1,880,000.00	0.00	1,880,000.00
1000/1090015 EMPLOYEE IMPREST	0.00	59,967.00	43,667.00	16,300.00
1000/1090015 EMPLOYEE IMPREST	0.00	0.00	0.00	0.00
1000/1090016 TA / TTA ADVANCE	0.00	4,927.00	4,927.00	0.00
1000/1100003 RECOVBL. FROM STAFF	0.00	700.00	700.00	0.00
1000/1100003 RECOVBL. FROM STAFF	300.00	0.00	300.00	0.00
1000/1100004 RECV. CLAIMS DAMAGE	0.00	0.00	0.00	0.00
1000/1100005 PREPAID EXPENSES	1,625,540.00	800,000.00	20,000.00	2,405,540.00
1000/1100006 TDS RECOVERABLE	0.00	0.00	0.00	0.00
1000/1100007 RECV. FROM HPSEB	94,260.00	0.00	0.00	94,260.00
1000/1100008 SECURITY/EMD DEPOSIT	3,622,811.00	0.00	1,000.00	3,621,811.00
1000/1100020 DEPOSITS WITH COURTS	450,164,126.00	0.00	0.00	450,164,126.00
1000/1100022 INPUT SRV.TAX 12.36%	0.00	0.00	0.00	0.00
1000/1100024 INPUT ST 12% ABT 75%	0.00	0.00	0.00	0.00
1000/1100025 INPUT ST EC 2% ABT75	0.00	0.00	0.00	0.00
1000/1100026 INPT ECES ST1 ABT 75	0.00	0.00	0.00	0.00
1000/1100027 INPUT ST 12% ABT40%	0.00	0.00	0.00	0.00
1000/1100028 INPT ST EC 2% ABT40	0.00	0.00	0.00	0.00
1000/1100029 INPT ST SHE 1%ABT40%	0.00	0.00	0.00	0.00
1000/1100033 INPUT ST12 % ABT50%	0.00	0.00	0.00	0.00
1000/1100034 INPT ST EC 2% ABT50%	0.00	0.00	0.00	0.00
1000/1100035 INPT ST SHE 1%ABT50%	0.00	0.00	0.00	0.00
1000/1100049 RECV. FROM OTHERS	0.00	0.00	0.00	0.00
1000/1100050 RECOV.FROM CONT/SUPP	187,626,238.66	0.00	0.00	187,626,238.66
1000/1100050 RECOV.FROM CONT/SUPP	1,043,176.00	2,863,227.00	3,443,903.00	462,500.00
1000/1100051 RECOVERABL FROM GOVT	2,384,099.00	4,522,700.00	2,209,302.00	4,697,497.00
1000/1100071 EMD HELD AS SD	341,000.00	341,000.00	682,000.00	0.00
1000/1110000 INVENTORIES	3,441,941.04	712,973.47	389,178.11	3,765,736.40
1000/1110005 INVENTORIES DIFFEREN	0.00	0.00	0.00	0.00
1000/1110500 O&M Tools & Tackles	0.00	472,001.77	0.77	472,001.00
1000/1110501 O&M Stores & Spares	3,328,626.84	1,205,495.72	644,236.54	3,889,886.02
1000/1130000 DEBTOR (SALE ENERGY)	171,769,900.00	132,136,405.00	398,722,015.00	-94,815,710.00
1000/2010087 STLADB-KSH-LC-TR3	-1,786,296,180.00	0.00	0.00	-1,786,296,180.00
1000/2010088 STLADB-KSH-DP-TR3	-71,625,867.00	0.00	0.00	-71,625,867.00
1000/2010088 STLADB-KSH-DP-TR3	-1,218,640,667.93	0.00	0.00	-1,218,640,667.93
1000/2010202 BRW.ST.GOV'T KSHN.TRI	-3,470,744,665.00	0.00	0.00	-3,470,744,665.00
1000/2050160 SALARY PYABLE STAFF	0.00	16,888,492.45	23,905,714.50	-7,017,222.12
1000/2050164 TA BILL PYBLE STAFF	-8,222.00	8,222.00	0.00	0.00
1000/2050165 MED.BILL PYBL STAFF	-8,701.00	15,267.00	6,566.00	0.00

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1000/2050166 NEWSPAPER PYBL STAFF	-47,500.00	50,551.00	3,051.00	0.00
1000/2050167 TELEPH BL PYBL STAFF	-23,296.00	23,296.00	0.00	0.00
1000/2050168 OTHER PAYABLE STAFF	0.00	6,502.00	6,502.00	0.00
1000/2050175 HPPCL EE/ER EPF PYBL	-14,588.32	80,793.99	92,544.30	-26,338.63
1000/2050180 BANK LOAN DED. PYBL	0.00	0.00	0.00	0.00
1000/2050181 BENOVALENT FUND PYBL	-1,250.00	8,450.00	8,450.00	-1,250.00
1000/2050182 CONVEY DEDUCTNS PYBL	0.00	0.00	0.00	0.00
1000/2050183 GIS DEDUCTIONS PYBL	-345.00	2,235.00	2,325.00	-435.00
1000/2050184 GPF DEDUCTIONS PYBL	-687,139.00	4,061,147.00	3,943,008.00	-569,000.00
1000/2050185 HBA DEDUCTIONS PYBL	-2,450.00	17,150.00	17,150.00	-2,450.00
1000/2050186 HRA DEDUCTIONS PYBL	0.00	0.00	6,286.00	-6,286.00
1000/2050187 INTT.STAFF LOAN PYBL	0.00	0.00	0.00	0.00
1000/2050188 OTHER STAFF DED.PYBL	0.00	0.00	0.00	0.00
1000/2050189 LEASE RENT DED. PYBL	0.00	0.00	0.00	0.00
1000/2050190 WARM CLOTH ADV. PYBL	0.00	0.00	0.00	0.00
1000/2050192 GPF ADV. DED. PYBL	-14,000.00	88,000.00	78,000.00	-4,000.00
1000/2050195 POSTAL LIFE INS PYBL	-14,524.00	101,668.00	101,668.00	-14,524.00
1000/2050197 SOCIETY&CLB DED.PYBL	0.00	0.00	0.00	0.00
1000/2050198 INTT. WARM CLTH ADV	0.00	0.00	0.00	0.00
1000/2050199 INTT. VEHICLE ADV.	0.00	0.00	0.00	0.00
1000/2050200 CPS DEDUCT. PAYABLE	0.00	0.00	0.00	0.00
1000/2050201 INTEREST ON HBA PYBL	-1,330.00	9,310.00	9,310.00	-1,330.00
1000/2050204 LIC DEDUCT. PAYABLE	-29,667.00	207,669.00	207,669.00	-29,667.00
1000/2050205 EMPLOYEES EPI PYBL	-251,395.00	1,434,910.00	1,662,728.00	-479,213.00
1000/2050206 EMPLOYER EPF PYBL	-251,395.00	1,434,910.00	1,662,728.00	-479,213.00
1000/2050207 EMPLOYEES CPS PYBL	-10,597.00	67,805.00	71,597.00	-14,389.00
1000/2050208 EMPLOYER CPS PYBL	-10,597.00	90,525.00	98,116.00	-18,188.00
1000/2050209 EMPLOYEES VPF PYBL	-42,000.00	289,500.00	375,500.00	-128,000.00
1000/2050212 Hospitality Payables	-8,783.00	8,783.00	0.00	0.00
1000/2050213 C.M RELIEF FUND	0.00	0.00	0.00	0.00
1000/2050216 Emp Pen Contr (EePS)	-15,818.00	85,694.00	97,905.00	-28,029.00
1000/2050219 Settlement of Advanc	0.00	0.00	0.00	0.00
1000/2050300 CONTRACTORS PAYABLE	-37,239,744.07	57,324,677.00	25,389,578.00	-5,304,645.07
1000/2050300 CONTRACTORS PAYABLE	-5,245,657.00	91,584,402.00	87,783,511.00	-1,444,766.00
1000/2050301 SUPPLIERS PAYABLE	-101,985.00	1,237,055.00	1,135,070.00	0.00
1000/2050302 CONSULTANTS PAYABLE	0.00	11,500.00	11,500.00	0.00
1000/2050302 CONSULTANTS PAYABLE	0.00	9,900.00	9,900.00	0.00
1000/2050304 GOVT DUES PAYABLE	-2,879,654.00	56,845,861.00	59,041,494.00	-5,075,287.00
1000/2050304 GOVT DUES PAYABLE	0.00	7,190,166.00	7,190,166.00	0.00
1000/2050305 OTHERS PAYABLE	0.00	70,134.00	70,134.00	0.00
1000/2050350 EMD CONTRCTR/SUPLIER	-387,138.00	225,740.00	174,815.00	-336,213.00
1000/2050350 EMD CONTRCTR/SUPLIER	-5,000.00	202,260.00	353,844.00	-156,584.00
1000/2050351 SD CONTRCTR/SUPPLIER	-2,864,180.00	1,803,395.00	216,789.00	-1,277,574.00
1000/2050351 SD CONTRCTR/SUPPLIER	-197,310.00	180,806.00	491,249.00	-507,753.00
1000/2050352 RETENTION MONEY	-84,126,847.00	2,719,484.00	0.00	-81,407,363.00
1000/2050352 RETENTION MONEY	-19,496,739.00	15,000.00	3,461,546.00	-22,943,285.00
1000/2050360 Unclaimed Retention	-1,135,026.00	0.00	0.00	-1,135,026.00
1000/2050361 Unclaimed SD	-367,935.00	47,726.00	0.00	-320,209.00
1000/2050362 Unclaimed Con/Sup/CS	-1,105.00	0.00	0.00	-1,105.00
1000/2050400 BILL / EXPENSE PYBL	-30,033.00	69,674.00	66,237.00	-26,596.00
1000/2050400 BILL / EXPENSE PYBL	0.00	93,855.00	100,855.00	-7,000.00
1000/2050401 AUDIT FEE PAYABLE	0.00	0.00	0.00	0.00
1000/2050402 RENT PAYABLE	-524,681.00	872,962.00	436,481.00	-88,200.00
1000/2050405 GR/IR ACCOUNT	0.00	5,264,614.16	5,264,614.16	0.00
1000/2050405 GR/IR ACCOUNT	0.00	0.00	0.00	0.00
1000/2050406 SR/IR ACCOUNT	0.00	30,188,694.84	32,938,511.94	-2,749,817.10
1000/2050406 SR/IR ACCOUNT	0.00	110,765,713.75	111,765,869.54	-999,155.75
1000/2050407 FREIGHT CLUNG A/C	0.00	0.00	0.00	0.00
1000/2050420 Unclaimed EMD	-112,694.00	0.00	0.00	-112,694.00
1000/2050421 FDR (EMD) PAYABLE	-341,000.00	682,000.00	341,000.00	0.00
1000/2050422 Internal Aud Fee Pbl	-53,100.00	0.00	0.00	-53,100.00

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1000/2050700 PROV. - GRATUITY	-7,912,034.00	0.00	0.00	-7,912,034.00
1000/2050701 PROV. - LEAVE ENCSH.	-23,934,033.00	0.00	0.00	-23,934,033.00
1000/2050710 PROV. -OUTS.MANPOWER	-567,413.00	844,403.00	276,990.00	0.00
1000/2050711 PROVISION FOR EXP	-253,081,891.42	15,117,017.42	2,912,052.00	-240,876,926.00
1000/2050711 PROVISION FOR EXP	-61,051.00	12,086,861.00	12,075,810.00	-50,000.00
1000/2050712 PROV.PENSION CONTR.	-18,246,498.00	0.00	0.00	-18,246,498.00
1000/2050900 RETAINED EARNING A/C	1,918,825,314.89	0.00	0.00	1,918,825,314.89
1000/2050900 RETAINED EARNING A/C	23,990.81	0.00	0.00	23,990.81
1000/2050999 ZERO BAL. CLNRG. A/C	733,331,200.43	19,010,001.17	22,382,381.51	729,958,820.09
1000/2050999 ZERO BAL. CLNRG. A/C	-1,022,900,480.15	121,680.00	18,500,720.17	-1,041,279,520.32
1000/2060001 TDS - CONT. u/s 194C	-464,927.00	815,918.00	357,428.00	-6,437.00
1000/2060001 TDS - CONT. u/s 194C	-8,330.00	1,416,523.00	1,432,138.00	-23,945.00
1000/2060003 TDS - RENT u/s 194I	-31,303.00	92,917.00	141,641.00	-80,027.00
1000/2060003 TDS - RENT u/s 194I	-7,490.00	25,236.00	23,079.00	-5,333.00
1000/2060004 TDS - PROF.TECH.194J	-190.00	78,772.00	78,582.00	0.00
1000/2060004 TDS - PROF.TECH.194J	0.00	1,100.00	3,100.00	-2,000.00
1000/2060006 TDS - SALARY u/s 192	0.00	1,913,509.00	2,781,433.00	-867,924.00
1000/2060007 TDS On IGST- 2%	-325,464.00	611,894.00	286,430.00	0.00
1000/2060007 TDS On IGST- 2%	0.00	0.00	0.00	0.00
1000/2060008 TDS On CGST- 1%	-15,269.00	111,409.00	107,732.00	-11,592.00
1000/2060008 TDS On CGST- 1%	-8,330.00	727,213.00	741,224.00	-22,341.00
1000/2060009 TDS On SGST- 1%	-15,269.00	111,409.00	107,732.00	-11,592.00
1000/2060009 TDS On SGST- 1%	-8,330.00	727,213.00	741,224.00	-22,341.00
1000/2060101 TCS PAYABLE	0.00	0.00	0.00	0.00
1000/2060102 SERVICE TAX PAYABLE	0.00	0.00	0.00	0.00
1000/2060104 VAT PAYABLE	0.00	0.00	0.00	0.00
1000/2060105 LABOUR CESS PAYABLE	-4,490.00	31,961.00	27,471.00	0.00
1000/2060105 LABOUR CESS PAYABLE	-8,330.00	729,461.00	743,763.00	-22,632.00
1000/2060106 ENTRY TAX PAYABLE	0.00	0.00	0.00	0.00
1000/2060107 ROYALTY PAYABLE	-17,960.00	17,960.00	0.00	0.00
1000/2060107 ROYALTY PAYABLE	0.00	197,028.00	241,712.00	-44,684.00
1000/2060112 WCT PAYABLE	0.00	0.00	0.00	0.00
1000/2060113 GST PAYABLE	-1,236.00	972.00	1,152.00	-1,416.00
1000/2060113 GST PAYABLE	0.00	6,816.00	7,896.00	-1,080.00
1000/2060114 INPUT ST PYBL ABT75%	0.00	0.00	0.00	0.00
1000/2060115 INPT ST EC PYBL AB75	0.00	0.00	0.00	0.00
1000/2060116 INPT ST SHE PBL AB75	0.00	0.00	0.00	0.00
1000/2060117 INPT ST PBL ABT 40%	0.00	0.00	0.00	0.00
1000/2060118 INPT ST EC PBL ABT40	0.00	0.00	0.00	0.00
1000/2060119 INPT ST SHE PBL AB40	0.00	0.00	0.00	0.00
1000/2060123 W.C.S 40% PAYABLE	0.00	0.00	0.00	0.00
1000/2060124 W.C.S EC 40% PYBL	0.00	0.00	0.00	0.00
1000/2060125 W.C.S SHEC 40% PYBL	0.00	0.00	0.00	0.00
1000/2060136 HIRED V ST 14% ABT40	0.00	0.00	0.00	0.00
1000/2060137 WCS ST 14% ABT 40%	0.00	0.00	0.00	0.00
1000/2060140 OUTSOURCE ST 14% 100	0.00	0.00	0.00	0.00
1000/2060141 SWACHH BHARAT CESS	0.00	0.00	0.00	0.00
1000/2060142 KRISHI KALYAN CESS	0.00	0.00	0.00	0.00
1000/2060150 CGST 2.5% RCM Payabl	0.00	0.00	0.00	0.00
1000/2060150 CGST 2.5% RCM Payabl	0.00	0.00	0.00	0.00
1000/2060151 HPGST 2.5% RCM Payab	0.00	0.00	0.00	0.00
1000/2060151 HPGST 2.5% RCM Payab	0.00	0.00	0.00	0.00
1000/2060154 CGST 9% RCM Payable	-7,920.00	0.00	0.00	-7,920.00
1000/2060154 CGST 9% RCM Payable	0.00	0.00	0.00	0.00
1000/2060155 HPGST 9% RCM Payable	-7,920.00	0.00	0.00	-7,920.00
1000/2060155 HPGST 9% RCM Payable	0.00	0.00	0.00	0.00
1000/2060160 IGST 18% RCM Payable	-523,800.00	0.00	0.00	-523,800.00
1000/2060160 IGST 18% RCM Payable	-47,520.00	0.00	0.00	-47,520.00
1000/3000002 SALE OF ENERGY	0.00	0.00	175,572,976.79	-175,572,976.79
1000/3000010 Sale of Power (DSM)	0.00	47,730,850.00	4,552,540.00	43,178,310.00
1000/3000115 SALE TENDER FORMS	0.00	0.00	8,100.00	-8,100.00

Account Number/Head of Account	Balance Carryforward As on 01.04.2019	Debit during the year	Credit during the year	Accumulated balance As on 31.10.2019
1000/3000115 SALE TENDER FORMS	0.00	0.00	67,300.00	-67,300.00
1000/3000124 BANK INTEREST	0.00	0.00	671,777.00	-671,777.00
1000/3000127 MISC. RECEIPTS	0.00	0.00	924.00	-924.00
1000/4000003 SALARY STAFF	0.00	33,276,676.57	150,299.42	33,126,377.15
1000/4000083 TRAVEL ALLOW. STAFF	0.00	29,882.00	0.00	29,882.00
1000/4000093 MEDICAL EXP. REIMBUR	0.00	92,937.00	0.00	92,937.00
1000/4000104 TRAINING/SEMINAR STAFF	0.00	3,120.00	1,560.00	1,560.00
1000/4000144 ER. PF CONT STAFF	0.00	1,662,728.00	0.00	1,662,728.00
1000/4000146 ER. CPF CONT STAFF	0.00	98,116.00	0.00	98,116.00
1000/4000153 PF ADMIN CHARGE STAF	0.00	69,279.34	0.00	69,279.34
1000/4000163 PF EDLI CONTRL STAF	0.00	23,264.96	0.00	23,264.96
1000/4000202 UNIFORM & LIVERIES	0.00	417,500.00	22,500.00	395,000.00
1000/4000202 UNIFORM & LIVERIES	0.00	25,000.00	0.00	25,000.00
1000/4000206 OUTSOURCED MANPW EXP	0.00	6,082,489.30	18.68	6,082,470.62
1000/4000206 OUTSOURCED MANPW EXP	0.00	511,200.74	0.00	511,200.74
1000/4000305 R&M-OFFICE EQUIPMENT	0.00	5,616.00	0.00	5,616.00
1000/4000309 AMC EXPENDITURES	0.00	0.00	0.00	0.00
1000/4000310 PVT JOURNY DEDUCTION	0.00	1,000.00	1,000.00	0.00
1000/4000313 HIRED VEHICLE EXP	0.00	3,105,844.00	742,952.00	2,362,892.00
1000/4000313 HIRED VEHICLE EXP	0.00	1,630,822.00	354,944.00	1,275,878.00
1000/4000314 LEASE RENT - OTHER	0.00	1,189,735.36	436,483.36	753,252.00
1000/4000314 LEASE RENT - OTHER	0.00	0.00	0.00	0.00
1000/4000319 ELEC & WATER EXPENSE	0.00	1,081,210.00	0.00	1,081,210.00
1000/4000320 PRINTING & STATIONARY	0.00	50,020.01	896.20	49,123.81
1000/4000321 BOOKS PERIOD. N. PAPER	0.00	2,517.00	0.00	2,517.00
1000/4000322 FREIGHT LABOUR CHG.	0.00	400.00	0.00	400.00
1000/4000373 ATCH. VEH. DED. STAFF	0.00	0.00	6,933.00	-6,933.00
1000/4000410 COMM (TEL & INT) OFF	0.00	25,759.00	1,314.00	24,445.00
1000/4000421 OFFICE EXPENSES	0.00	10,409.00	0.00	10,409.00
1000/4000423 LEGAL CHARGES	0.00	113,084.00	0.00	113,084.00
1000/4000424 PROFESSIONAL CHARGES	0.00	1,592.00	0.00	1,592.00
1000/4000426 POSTAGE & TELEGRM EXP	0.00	5,274.00	0.00	5,274.00
1000/4000430 COMM. (TEL&INT) STAF	0.00	82,903.00	0.00	82,903.00
1000/4000431 HOSPITALITY EXPENSE	0.00	22,726.00	0.00	22,726.00
1000/4000433 PUBLICITY & ADVT EXP	0.00	18,993.50	0.00	18,993.50
1000/4000437 WINTER HEATING EXP	0.00	71,460.00	0.00	71,460.00
1000/4000443 CONSUMABLE ITEMS	0.00	16,926.00	0.00	16,926.00
1000/4000448 BANK CHARGES	0.00	413.00	0.00	413.00
1000/4000605 PROJ CONSUMPTION A/C	0.00	401,177.82	0.21	401,177.82
1000/4000609 INV. SMALL PRICE DIFF	0.00	0.21	0.00	0.21
1000/4000610 SERVICE CONSUMPTION	0.00	2,456,937.95	168,936.14	2,287,996.81
1000/4000610 SERVICE CONSUMPTION	0.00	90,796,065.06	368,239.88	90,427,825.18
1000/4000701 O&M Tools & Tackels	0.00	19,470.00	0.00	19,470.00
1000/4000702 O&M Plant Consumable	0.00	663,322.54	0.00	663,322.54
1000/4000704 O&M DG sets	0.00	22,769.03	0.03	22,769.00
1000/4000705 O&M Plant & Machiner	0.00	5,577,319.58	0.28	5,577,319.28
1000/4000707 O&M Testing/Calibera	0.00	113,280.00	0.00	113,280.00
1000/4000711 O&M Annual Maint.	0.00	0.00	0.00	0.00
1000/4000717 O&M Cont & Automatin	0.00	0.00	0.00	0.00
1000/4000720 O&M Elec. Water Tel	0.00	0.00	0.00	0.00
1000/4000800 R&R Schemes / Plan	0.00	404,480.00	0.00	404,480.00
1000/4000800 R&R Schemes / Plan	0.00	89,855.00	0.00	89,855.00
1000/4000901 NRLDC/SLDC Ch. & Fee	0.00	50,000.00	0.00	50,000.00
1000/4000905 Power Sell (Tran.Ch)	0.00	4,645,013.15	3,424,063.31	1,221,849.87
1000/4000906 Power Sell (DP AC Ch)	0.00	44,286,444.42	600,000.00	43,686,444.42
1000/4000907 Power Sell (Trde.Mar)	0.00	517,733.50	0.00	517,733.50
1000/4001201 O&M R&R Elect to PAF	0.00	0.00	40.00	-40.00
1000/4001250 O&M Envmt & Ecology	0.00	200,000.00	0.00	200,000.00


 Manager (F&A),
 Integrated Kashang HF
 HPPCL, Reckong Peo



H.P. STATE POLLUTION CONTROL BOARD

"Opp. Indira Market, Rampur, Distt. Shimla (HP)"

Phone and Fax No. 01782-233887

NO.HPPCB/RMP/Kashang HEP / 529

Dated/ 26/11/19

To


The General Manager,
Integrated Kashang HEP (HPPCL),
Reckong Peo, Tehsil Kalpa,
Distt. Kinnaur H.P.

Subject: EMP Reports under Air Act, 1981.

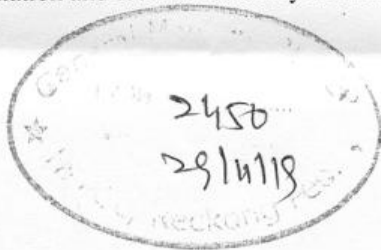
Sir,

Please find enclosed herewith analysis report No. 2603 to 2609 (Total 7 Reports) dated 23.10.2019 of the Air Samples as per provisions of Air Act, 1981. This is submitted for information and further necessary action.

Yours faithfully,


Jr. Environmental Engineer

Encl: As above.



Hande 29/11/2019
✓
SMA
CAP
F&A

Cal
29/11/19.

REPORT OF THE BOARD ANALYST

Report No 2609
Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 14.09.19 at Worker colony intake of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	30.10 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

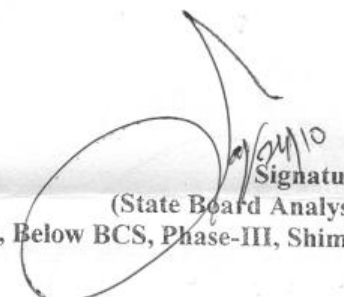
The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct. 2019

Remark:

Results within limit as prescribed for ambient air quality under NAAQS.


Signature
(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2608

Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 13.09.19 Near Guest House of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:
I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	33.30 µg/m ³	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct. 2019

Remark:

Results within limit as prescribed for ambient air quality under NAAQS.

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

Signature
(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

REPORT OF THE BOARD ANALYST

Report No 2607
Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 12.09.19 Near Intake site of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	21.10 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

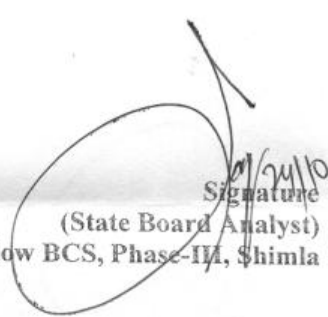
The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct. 2019

Remark:

Results within limit as prescribed for ambient air quality under NAAQS.


Signature
(State Board Analyst)

Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2606
Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 11.09.19 Office site Intake of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	21.28 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct. 2019

Remark:

Results within limit as prescribed for ambient air quality under NAAQS.

Signature
(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2605
Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 10.09.19 Near power house of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	72.12 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

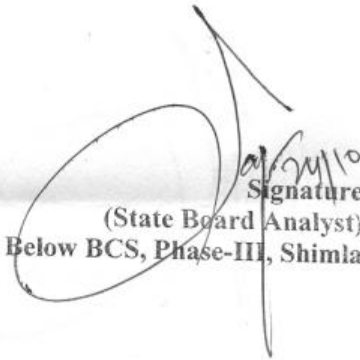
The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct, 2019

Remark:

Results within limit as prescribed for ambient air quality under NAAQS.


(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2604
Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 09.09.19 at Office site RekongPeo of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	131.91 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

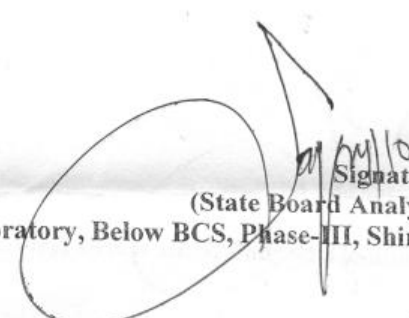
The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct. 2019

Remark:

Result is above limit as prescribed for ambient air quality under NAAQS.


(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2603
Dated 23.10.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 27th day of Sep. 2019 from Sh. Lokesh Kumar, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 08.09.19 at Pangi Village of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 27.09.19 to 19.10.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	190.69 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 24th day of Oct. 2019

Remark:

Result is above limit as prescribed for ambient air quality under NAAQS.

Signature
(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2477
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 06.07.19 Near Power House site of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	67.50 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is within limit as prescribed for ambient air quality under NAAQS.


(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2476
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 06.07.19 At Office Site Rekong Peo of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	49.62 µg/m ³	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is within limit as prescribed for ambient air quality under NAAQS.


(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2475
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 05.07.19 At Worker Colony Intake of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	742.05 µg/m ³	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is above limit as prescribed for ambient air quality under NAAQS.


(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2474
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 05.07.19 Near guest house Intake of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	29.10 µg/m ³	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is within limit as prescribed for ambient air quality under NAAQS.


Signature
(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

**The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.**

REPORT OF THE BOARD ANALYST

Report No 2473
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 04.07.19 Near Intake site of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	24.59 µg/m ³	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is within limit as prescribed for ambient air quality under NAAQS.


Signature
(State Board Analyst)

Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

**The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.**

REPORT OF THE BOARD ANALYST

Report No 2472
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 04.07.19 at Pangi Village of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	64.92 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is within limit as prescribed for ambient air quality under NAAQS.


Signature
(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :
To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

REPORT OF THE BOARD ANALYST

Report No 2471
Dated 19.08.2019

I hereby certify that I, Sanjeev Sharma State Board Analyst duly appointed under sub-section (2) of section 29 of the Air (Prevention and Control of Pollution) Act, 1981 received on the 12th day of July 2019 from Er. Sunil Sharma, Jr. Environmental Engineer, Regional Office, HP State Pollution Control Board, Rampur a sample of RSPM collected on 03.07.19 at Office Site Intake of M/s Kashang HEP for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analysed the aforementioned sample on 12.07.19 to 29.07.19 and declare the result of analysis is to be as follows :-

S.no	Parameter	Result	Test Method
1.	Respirable Particulate Matter (RSPM)	53.22 $\mu\text{g}/\text{m}^3$	Guidelines for the Measurement of Ambient Air Pollutants, Volume-I by CPCB, New Delhi

The condition of the seals, fastening and container on receipt was as follows:-

Filter paper was enclosed in sealed envelope with the impression of PCB. The envelope contained details of sample like source of sample, time and date of collection, name and designation of person who had collected the sample.

Signed this 19th day of Aug. 2019

Remark:

Result is within limit as prescribed for ambient air quality under NAAQS.


(State Board Analyst)
Regional Laboratory, Below BCS, Phase-III, Shimla

Address :

To

The General Manager,
Kashang HEP (HPPCL),
Rekong Peo, Distt. Kinnaur, H.P.

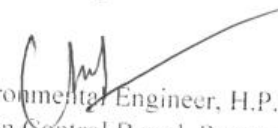
Noise Monitoring

M/S Kaskang HEP, Distt. Kinnaur (H.P.)

Equipment details : Envirotech SLM-109

Sr.No.	Date of Sampling	Sampling Location	Levels in Leq dB(A)	Permissible limit in dB (A)
1	7/07/2019	Near power House	69.7 db	75 db
2	7/07/2019	HRTC BUS Stand R/PSO	79.2 db	65 db
3	7/07/2019	HCC office at R/PSO	58.3 db	65 db
4	7/07/2019	HPPCL office at R/PSO	58.1 db	65 db
5	7/07/2019	At pangri village	49.3 db	55 db
6	7/07/2019	Near IPS	67.4 db	75 db
7	7/07/2019	Near worker colony at intake	60.7 db	75 db
8	7/07/2019	At intake Guest House site	59.2 db	75 db
9	7/07/2019	DG Set Near Guest House intake	71.3 db	75 db
10	7/07/2019	Near Batching plant site intake	58.2 db	75 db
11	7/07/2019	Near MAT	59.7 db	75 db
12	7/07/2019	DG set Near BR intake	71.3 db	75 db
13	7/07/2019	Near Stone Crusher site intake	73.7 db	75 db
14				

Monitored by-


 Jr. Environmental Engineer, H.P. State
 Pollution Control Board, Rampur,
 Distt. Shimla H.P.

TEST CERTIFICATE

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Page : 1/1

Sample : Drinking Water	Report No./ULR : TC536919000001426F
Sample Description : Said to be "Drinking Water"	
Customer Ref : Nil	Report Issue Date: 09/08/2019
Customer Name & Address : Patel Engineering Ltd Integrated Kashang H.E.P. (Stage II & III), Near Ambedkar Bhawan, Top Floor, Thakur Shopping Complex, Main Bazar Reckong Peo, Tehsil Kalpa, Distt. Kinnaur, Himachal Pradesh - 172107	Job Code STRC/12001212 Sample Received On 05/08/2019 Date of Testing 05/08/2019-09/08/2019 Sample Quantity 2.25 Litre Sample Condition: Filled in PET bottle & sterilized glass bottle

S. No.	Test Parameters	Test Results	Requirement As Per IS:10500:2012 Acceptable Limit/Permissible Limit	Test Method	Conformity
A. Chemical Testing-Water-Drinking Water					
A.1.	Colour, Hazen units	<3.0	5.0/15.0 Max.	IS:3025(P-4)1983	Yes
A.2.	Odour	Agreeable	Agreeable	IS:3025(P-5)2018	Yes
A.3.	Turbidity, NTU	<0.1	1.0/5.0 Max.	IS:3025(P-10)1984	Yes
A.4.	pH value (at 25.0°C)	7.48	6.5-8.5/No relaxation	IS:3025(P-11)1983	Yes
A.5.	Chloride (as Cl), mg/l	14.9	250/1000 Max.	IS:3025(P-32)1988	Yes
A.6.	Total Hardness (as CaCO ₃), mg/l	25.0	200/600 Max.	IS:3025(P-21)2009	Yes
A.7.	Total Dissolved Solids, mg/l	56.0	500/2000 Max.	IS:3025(P-16)1984	Yes
A.8.	Fluoride (as F), mg/l	<1.0	1.0/1.5 Max.	IS:3025(P-60)2008	Yes
B. Biological Testing-Water-Drinking Water					
B.1.	E. coli, per 250ml	Absent	Shall not be detectable in any 100ml. sample	IS:15185:2016	Yes
B.2.	Coliform, per 250ml	Absent	Shall not be detectable in any 100ml. sample	IS:15185:2016	Yes

Note: According to IS :10500-2012, it is recommended that the acceptable limit is to be implemented. Values greater than the acceptable limits render the water is not suitable, but still may be tolerated in the absence of an alternate source but upto permissible limits.

***** End of Report *****

Shruti

Format No.: STRC/7.8/FTC/Z/02

Aparna & *Richa*
Aparna
Section Incharge
Richa Gupta
Section Incharge

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BA-15, Mangolpuri Industrial area,
Phase - 2, Delhi 110034(India)
Ph: +91 11 49491400, 27022900
E-mail: info@sigmatest.org
web: www.sigmatest.org



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Page : 1/1

Sample : Ambient Air Monitoring		Report No. : 22001221	
Sample Description : Ambient Air Monitoring		Report Issue Date: 08/08/2019	
Customer Ref : Nil			
Customer Name & Address : Patel Engineering Ltd Integrated Kashang H.E.P. (Stage II & III), Near Ambedkar Bhawan, Top Floor, Thakur Shopping Complex, Main Bazar Reckong Peo, Tehsil Kalpa, Distt. Kinnaur, Himachal Pradesh - 172107		Job Code	STRC/22001221
		Sample Received On	05/08/2019
		Date of Testing	05/08/2019-07/08/2019
		Sample Quantity	1 Point
		Sample Condition: - Date of Sampling: 02/08/2019 Sampling Location: Near Batching Plant Site Address: Integrated Kashang H.E.P. (Stage II & III), Reckong Peo, Himachal Pradesh.	

S. No.	Test Parameters	Test Results	Requirement As Per NAAQS-2009	Test Method
1.	Sulphur Dioxide (SO ₂), µg/m ³	29.0	80 Max	Digital Gas Analyser
2.	Nitrogen Dioxide (NO ₂), µg/m ³	21.0	80 Max	Digital Gas Analyser
3.	Particulate Matter (PM ₁₀), µg/m ³	40.2	100 Max	Digital PM ₁₀ Sampler
4.	Particulate Matter (PM _{2.5}), µg/m ³	31.1	60 Max	Digital PM _{2.5} Sampler
5.	Ozone (O ₃), µg/m ³	16.3	100 Max	CPCB Guideline
6.	Lead (Pb), µg/m ³	Not Detected	1.0 Max	IS:5182(P-22)2004
7.	Carbon Monoxide (CO), µg/m ³	835.0	2000 Max	CO Meter
8.	Ammonia (NH ₃), µg/m ³	5.9	400 Max	APHA-Air (401)
9.	Benzene (C ₆ H ₆), µg/m ³	Not Detected	5.0 Max	IS:5182(P-11)2006
10.	Benzo (a) Pyrene(BaP), ng/m ³	Not Detected	1.0 Max	IS:5182(P-12)2006
11.	Arsenic (As), ng/m ³	Not Detected	6.0 Max	ASTM D4185-06
12.	Nickel (Ni), ng/m ³	Not Detected	20.0 Max	ASTM D4185-06

Note: • NAAQS = National Ambient Air Quality Standards

Remark : The ambient air quality of above location conforms to various requirements tested as per NAAQS-2009 with respect to above tests.

***** End of Report *****

Shanti

Format No.: STRC/7.8/F/TC/Z/01

Richa
Richa Gupta
Section Incharge

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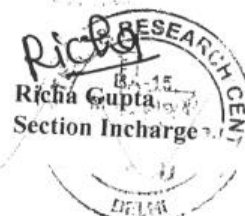
Sample : DG Stack Emission
Sample Description: DG Stack Emission

Ref. No. : Nil
Issued To : Patel Engineering Ltd
Integrated Kashang H.E.P.
(Stage II & III), Near Ambedhar
Bhawan, Top Floor, Thakur Shopping
Complex, Main Bazar Reckong Peo,
Tehsil Kalpa, Destt. Kinnaur-172107 (H.P.)

Report No.: 22001220
Report Issue Date: 07/08/2019
Job Code No.: STRC/22001220
Sample Received On: 05/08/2019
Sampling Date: 02/08/2019
Sample Qty: 1Point
Page: 1 of 2

Location: Near Batching Plant Site Address: Integrated kashang H.E.P (Stage II & III), Reckong Peo, H.P.
Description: One Stack Emission Sample Was Collected by us on 02/08/19 Between 1:15 Pm to 1:25 Pm

1.	Name and Address of the industry:	Patel Engineering Ltd
2.	Name of Plant & Section	Integrated Kashang H.E.P. (Stage II & III), Himachal Pradesh
3.	Emission Source Monitored	DG Stack 500 KVA
4.	Type of Fuel Used	HSD
5.	Stack Identification	500 KVA
6.	Normal Operating Schedule (Hr/day)	As Per Requirement
7.	Location of Sampling Point	Sampling Point
8.	Type of Chimney (ACC/Metal)	Metal
9.	Stack Height (M) From Ground Level	3.048 M
10.	Diameter of Stack (cm)	25 Cm
11.	Sampling Duration (Minutes)	10 Minutes
12.	Parameters Monitored	PM, NO ₂ , SO ₂ , CO, Total Hydrocarbon
13.	Purpose of Monitored	Assessment of Pollution Load
14.	Control Measures (if any)	-
15.	Recovery of Material (if any)	-
16.	General Sensory Observations	Normal



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Sample : DG Stack Emission
Ref. No. : Nil

Report No.: 22001220
Report Issue Date: 07/08/2019
Page: 2 of 2

17	Fugitive Emission (if any)	-
18	Stack Temperature (°C)	210 °C
19	Ambient Temperature (°C)	20 °C
20	Average Stack Velocity (m/sec)	12.33 m/sec
21	Quantity of Emission (Nm ³ /Hr)	945

S. No.	Test	Result	Limit	Test Method	Conformity
1.	Particulate Matter (PM), gm/Kw-hr	0.20	0.3 Max	IS:1125 (P-1)	Yes
2.	Nitrogen Oxide (as NO ₂), gm/Kw-hr	0.99	9.2 Max	IS:11255 (P-7)	Yes
3.	Sulphur Dioxide (as SO ₂), gm/Kw-hr	0.34	--	IS:11255 (P-2)	--
4.	Carbon Monoxide (as CO), gm/Kw-hr	1.9	3.5 Max	IS:5182 (P-10)	Yes
5.	Total Hydrocarbon (as Methane), gm/Kw-hr	0.80	1.3 Max	APHA-101	Yes

Richa Gupta
Richa Gupta
Section Incharge

Format No.: STRC/7.8/F/TC/Z/00

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PATEL ENGINEERING LIMITED
INTEGRATED KASHANG HYDRO ELECTRIC PROJECT STAGE -II & III

Medical expenditure on workmen for the Period April-2019 to June-2019

Sr. No.	Particulars	Apr-19	May-19	Jun-19	TOTAL
1	Compunder & trained medical staff expenses	0	3226	25000	28226
2	Medicine	0	0	16400	16400
Total		0	3226	41400	44626

For Patel Engineering Ltd.



Authorized Signatory
Integrated Kashang HEP

PATEL ENGINEERING LIMITED
INTEGRATED KASHANG HYDRO ELECTRIC PROJECT STAGE -II & III

Medical expenditure on workmen for the Period July-2019 to September-2019

Sr. No.	Particulars	Jul-19	Aug-19	Sep-19	TOTAL
1	Compunder & trained medical staff expenses	25000	25000	25000	75000
2	Medicine	15000	20000	20000	55000
Total		40000	45000	45000	130000

For Patel Engineering Ltd.



Authorized Signatory
Integrated Kashang HEP

No. 3986
H.P. Forest Department.

Dated R/peo 21-10-19

From: DFO Kinnaur.


To: CF Rampur.

Subject: - Quarterly progress report of Compensatory Afforestation (CA) for the Quarter ending 30.09.2019.

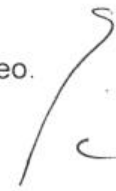
Memo:

The Quarterly progress report of Compensatory Afforestation (CA) for the Quarter ending 30.09.2019 in respect of Kinnaur Forest Division is sent herewith on the prescribed proforma for favour of information and necessary action at your end please.

Encl: As above.


Divisional Forests Officer,
Kinnaur Forest Division, at R/Peo.



Quarterly progress report regarding Compensatory Afforestation (CA) for the quarter ending 30.09.2019 in respect of Kinnaur Forest Division.

Sr. No.	Activity	Name of Range	Name of Block	Name of Beat	Name of land Bank	GPS location (in Deg.)	Target allotted for the year 2019-20	Target achieved upto Pre. Qtr.	Target achieved during the Qtr.	Progressive achievement	Ret
1	2	3	4	5	6	7	8	9	10	11	12
1 RCC Fencing											
	Kilba	Sangla	Sangla	C-154 c	5	178000	0	0	46209	0	46209
			Chansu	C-152 b	5	178000	0	0	46209	0	46209
			Kilba	C-140	5	178000	0	0	46209	0	46209
			Punang	C-136	5	178000	0	0	46209	0	46209
			Sangla	C-157	5	178000	0	0	46209	0	46209
			Shong	C-165	5	178000	0	0	46209	0	46209
			Karchha	Shong	5	178000	0	0	46208	0	46208
			Ralli	UF Meber	5	178000	0	0	46208	0	46208
			Sapni	C-166	5	178000	0	0	46208	0	46208
			Jangi	C-223	5	178000	0	0	34260	0	34260
	Moorang	Jangi	Jangi	C-226	10	356000	0	0	68531	0	68531
			Rarang	C-227	5	178000	0	0	34260	0	34260
			Moorang	UF Nesang	5	178000	0	0	34260	0	34260
			Ribba	Moorang	5	178000	0	0	34260	0	34260
			Jangi	Akpa	10	356000	0	0	68531	0	68531
			Rarang	UF Akpa	5	178000	0	0	34260	0	34260
			B/Nagar	Bara Kamba	5	178000	0	0	42008	0	42008
			Rupi	UF Shorang	5	178000	0	0	42008	0	42008
				UF Gharshu	5	178000	0	0	42008	0	42008
				UF Rupri	3	106800	0	0	25205	0	25205
	Nichar	Tranda	Tranda	C-72 (a)	5	178000	0	0	42008	0	42008
			Thach	C-72 (b)	5	178000	0	0	42008	0	42008
				C-70 (a)	2.5	89000	0	0	21004	0	21004
				C-69	2.5	89000	0	0	21004	0	21004
			Nichar	UF- Wangtoo	5	178000	0	0	42008	0	42008
			Parvi	C-86 (a)	5	178000	0	0	42008	0	42008
				C-86 (b)	5	178000	0	0	42008	0	42008
			Sangla	UF Khaio	5	178000	0	0	42008	0	42008
			Bari	UF Hango	6	213600	0	0	64730	0	64730
			Chuling								

Expenditure incurred but not booked

Quarterly progress report regarding Compensatory Afforestation (CA) for the quarter ending 30.09.2019 in respect of Kinnaur Forest Division.

Quarterly Progress Report Regarding Compensatory Afforestation (CA) for the quarter ending 30.09.2019 in respect of Kinnaur Forest Division.												Rer			
Sr. No.	Activity	Name of Range	Name of Block	Name of Beat	Name of land Bank	GPS location (in Deg.)		Target allotted for the year 2019-20	Target achieved upto Pre. Qtr.	Target achieved during the Qtr.	Progressive achievement				
						Lat.	long.	Phy in hac.	Phy in hac.	Phy in hac.	Phy in hac.				
1	2	3	4	5	6	7	8	9	11	12	13				
1 RCC Fencing												14	15	16	17
	Kilba	Sangla	Sangla	C-154 c				5	178000	0	0	46209	0	46209	
			Chansu	C-152 b				5	178000	0	0	46209	0	46209	
		Kilba	Kilba	C-140				5	178000	0	0	46209	0	46209	
			Punang	C-136				5	178000	0	0	46209	0	46209	
		Sangla	Seringcha	C-157				5	178000	0	0	46209	0	46209	
			Shong	C-165				5	178000	0	0	46209	0	46209	
		Karchha	Ralli	UF Meber				5	178000	0	0	46208	0	46208	
		m	Sapni	C-166				5	178000	0	0	46208	0	46208	
			Jangi	C-223				5	178000	0	0	34260	0	34260	
				C-226				10	356000	0	0	68531	0	68531	
	Moorang			C-227				5	178000	0	0	34260	0	34260	
			Ribba	UF Nesang				5	178000	0	0	34260	0	34260	
			Jangi	UF Asrang				10	356000	0	0	68531	0	68531	
				Rarang				5	178000	0	0	34260	0	34260	
		B/Nagar	B/Nagar	Bara Kamba				5	178000	0	0	42008	0	42008	
				UF Shorang				5	178000	0	0	42008	0	42008	
				UF Gharshu				5	178000	0	0	42008	0	42008	
				UF Rupri				3	106800	0	0	25205	0	25205	
				UF Burang				2	71200	0	0	16803	0	16803	
			Nichar	Tranda	Tranda	C-72 (a)			5	178000	0	0	42008	0	42008
				Thach	C-72 (b)			5	178000	0	0	42008	0	42008	
					C-70 (a)			2.5	89000	0	0	21004	0	21004	
					C-69			2.5	89000	0	0	21004	0	21004	
		Nichar	Nichar	UF- Wangtoo				5	178000	0	0	42008	0	42008	
				Parvi	C-86 (a)			5	178000	0	0	42008	0	42008	
					C-86 (b)			5	178000	0	0	42008	0	42008	
				Sangla	UF Khaio			5	178000	0	0	42008	0	42008	
				Bari	UF Hango			6	213600	0	0	64730	0	64730	
			Malling	Leo	Chuling	UF Hango			6	213600	0	0	64730	0	64730

Expendi
e incurr
but not
booked

[illegible]

		Malling	UF Changcha	3	106800	0	0	0	32367	0	32367	
		Chango	UF Malling	10	356000	0	0	0	107880	0	107880	
		Roghi	UF Nothong	3	106800	0	0	0	32367	0	32367	
	Kalpa	Kalpa	C-247	5	178000	0	0	0	50408	0	50408	
		Kalpa	C-239	5	178000	0	0	0	50410	0	50410	
		Pangi	C-240	5	178000	0	0	0	50410	0	50410	
	Urmi	Tapri	Chagon	5	178000	0	0	0	50410	0	50410	
		Runang	(Yashang)	5	178000	0	0	0	50410	0	50410	
	Pooh	Pooh	Runang (Grankhor)	5	178000	0	0	0	50410	0	50410	
	Kanam	Namgia	UF Namgia	10	356000	0	0	0	72814	0	72814	
		Sunnam	UF Sunnam	20	712000	0	0	0	145626	0	145626	
	Total RCC Fencing			207	7369200	0	0	0	1729676	0	1729676	
1	Wooden Fencing											
	Katgaon	Katgaon	Natpha	10	178000	0	0	0	71413	0	71413	
		Kafnoo	UPF 27 Bai	10	178000	0	0	0	71413	0	71413	
		Musrang	Yangpa	10	178000	0	0	0	71414	0	71414	
		Kafnoo	Thungach	10	178000	0	0	0	71414	0	71414	
	Total Wooden Fencing			40	712000	0	0	0	285654	0	285654	
	Total Fencing:-			247	8081200	0	0	0	2015330	0	2015330	
2	Planting in RCCLBs											
	Kilba	Karchha	Rali	14	658100	0	0	11.38	534900	11.38	534900	
		Shong	UF -148	6	282000	0	0	4.88	229200	4.88	229200	
		Rakchham	UF Chhikul	5	235000	0	0	1.94	91000	1.94	91000	
		Seringcha	UF Rakchham	5	235000	0	0	0	0	0	0	
		Rakchham	C-162 Batseri	11	517000	0	0	1.77	83250	1.77	83250	
	B/Nagar	B/Nagar	UF -160	4	188000	0	0	1.32	62000	1.32	62000	
		Chhota Kamba	UF Chhota	7	329100	0	0	7	329100	7	329100	
	B/Nagar	Rupi	UF Ruppi	8	376000	0	0	0.71	33200	0.71	33200	
	Nichar	Nichar	Deha Chhot	10	470000	0	0	10	470000	10	470000	
	Pooh	Kanam	Giabong	10	470000	0	0	0	0	0	0	

Expenditure incurred but not booked

Expenditure incurred but not booked

[illegible]

[illegible]

