

सत्यमेव जयते

केन बेतवा लिंक परियोजना प्राधिकरण  
Ken Betwa Link Project Authority

सं.राजविअ/अप्रभो/तक-49।/ई.सी/ 1070-074

दिनांक 06/11/23

प्रति,

क्षेत्रीय निदेशक,  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
क्षेत्रीय कार्यालय, पश्चिम क्षेत्र  
केन्द्रीय पर्यावरण भवन, ई-5,  
अरेरा कॉलोनी, लिंक रोड नम्बर -3, रविशंकर नगर,  
भोपाल - 462016.

विषय : केन-बेतवा लिंक परियोजना फेज-। की पर्यावरणीय स्वीकृति में दी गई शर्तों के अनुपालन संबंधित अर्ध-  
वार्षिक रिपोर्ट (अप्रैल-2023 से सितम्बर-2023) भेजने बाबत।

संदर्भ: MoEF & CC's EC letter No. F. No. J-12011/20/2013-IA-I, dated 25.08.2017.

महोदय,

केन-बेतवा लिंक परियोजना फेज-। की पर्यावरण मंजूरी पत्र सं. J-12011/20/2013-IA-I, दिनांक 25.08.2017  
में वर्णित शर्तों के अनुपालन संबंधित अर्ध वार्षिक रिपोर्ट (अप्रैल-2023 से सितम्बर-2023) संलग्न है।

सधन्यवाद

संलग्नक उपरोक्तानुसार

भवदीय

(पी. के. राठौर)

प्रभारी अधिशारी अभियंता

प्रतिलिपि:

1. अपर मुख्य कार्यकारी अधिकारी (पर्यावरण, भूमि अधिग्रहण एवं पुनर्वास एवं पुनःस्थापन)  
भोपाल को सादर सूचनार्थ प्रेषित।
2. अपर मुख्य कार्यकारी अधिकारी (हैड वर्क) भोपाल को सादर सूचनार्थ प्रेषित।
3. अपर मुख्य कार्यकारी अधिकारी (मुख्यालय एवं योजना) लखनऊ को सादर सूचनार्थ प्रेषित।
4. निदेशक (एम. डी. यू.), राजविअ, साकेत, नई दिल्ली को पर्यावरणीय स्वीकृति की शर्तों के  
अनुपालन में अर्ध वार्षिक रिपोर्ट की अद्यतन स्थिति कृपया राजविअ की वेबसाइट पर अपलोड  
करने हेतु संलग्न है।



**Monitoring the implementation of Environmental Safeguards Ministry of  
Environment & Forest  
Regional office (W) Bhopal  
Monitoring Report  
DATA SHEET**

Sr. No.	Particulars	Reply
1.	Project Type: River Valley / Mining /Industry /Thermal /Nuclear / Other (Specify)	River Valley
2.	Name of The Project	Ken – Betwa Link Project
3.	Clearance letter (S)/OM No. and date	No.-J-12011/20/2013-IA-I dated:25.8.2017
4.	Location a) District b) State c) Location /Latitude/Longitude	Chhatarpur / Panna Madhya Pradesh Daudhan/ 24° 36' 51" N / 79° 50' 30" E
5.	Address for correspondence a) Address of concerned Head of Works (With Pin Code & Mob. No. / Telephone/ Telefax/E-mail)  b) Address of Concern Project Engineer (With Pin Code & Mob. No. / Telephone/ Telefax/E-mail)	Additional Chief Executive Officer (Environment, R&R and Land Acquisition) Office of Ken Betwa link project Authority, 2nd Floor (Visvesvaraya. Bhavan). ' Kolar Tiraha' Link Road No'3', Near Patrakar Colony, Panchsheel Nagar, Bhopal, Madhya Pradesh 462042 As above
6.	a) Details of Environment Management Plan	Enclosed in Annexure -I
7.	Break up of the Project Area a) Submerged area: Forest & Non-forest b) Others	In ha 5761 & 3239 0256 & 2728
8.	Break up of the project affected population with enumeration of those losing house/dwelling unit only agricultural land, both dwelling unit & agricultural land & land less labours / artisan a) SC, ST, Adivasi b) Others (Pl indicate whether these figures are based on any scientific and systematic survey carried out give details and year of survey)	Total – 1913 PAFs SC - 271 PAFs ST - 648 PAFs Others - 994 PAFs EIA Study carried out by M/s AFC, Hyderabad in Year 2015
9.	Financial Detail a) Project cost as originally revised estimates and the year of price reference  b) Allocation made for Environment Management Plan with item wise and year wise break up d) Whether above includes the cost of environment as shown in the above	939300 (Rs in Lacs) 2008-09 1805700 (Rs in Lacs) 2015-16 4460500 (Rs in Lacs) 2020-21 Attached as Annexure – I  Yes

	e) Actual expenditure incurred on the Environment Management Plan so far	Enclosed in Annexure - I
10.	Forest Land Requirement a) The Status of Approval for diversion of forest land for non-forestry use b) The status of cleaning felling c) Comments on the viability & sustainability of compensatory afforestation programme in light of actual field experience so far	FC-I accorded vides letter No. F.No.8-49/2016-FC dated 25-05-2017 and FC-II accorded on 03-10-2023 (6017 Ha.) by MoEF&CC Not Yet Started. Not Yet Started.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir approach roads) if any with quantitative information	Not yet started.
12.	Status of Construction a) Date of commencement (Actual and /or planned) b) Date of completion (Actual and /or planned)	Project not commenced yet.
13.	Reasons for the delay if the project is yet to start	1. MoA between MP & UP State signed on date 22-03-2021. 2. FC-II accorded on 03-10-2023 (6017 Ha.) by MoEF&CC (copy enclosed)
14.	Details of Site visit a) The dates on which the project was monitored by MoEF&CC, Regional Office on previous occasions. ( if applicable)	Not Applicable

The Point wise compliances status of various stipulations (as per E.C.) letter is enclosed as Annexure-II

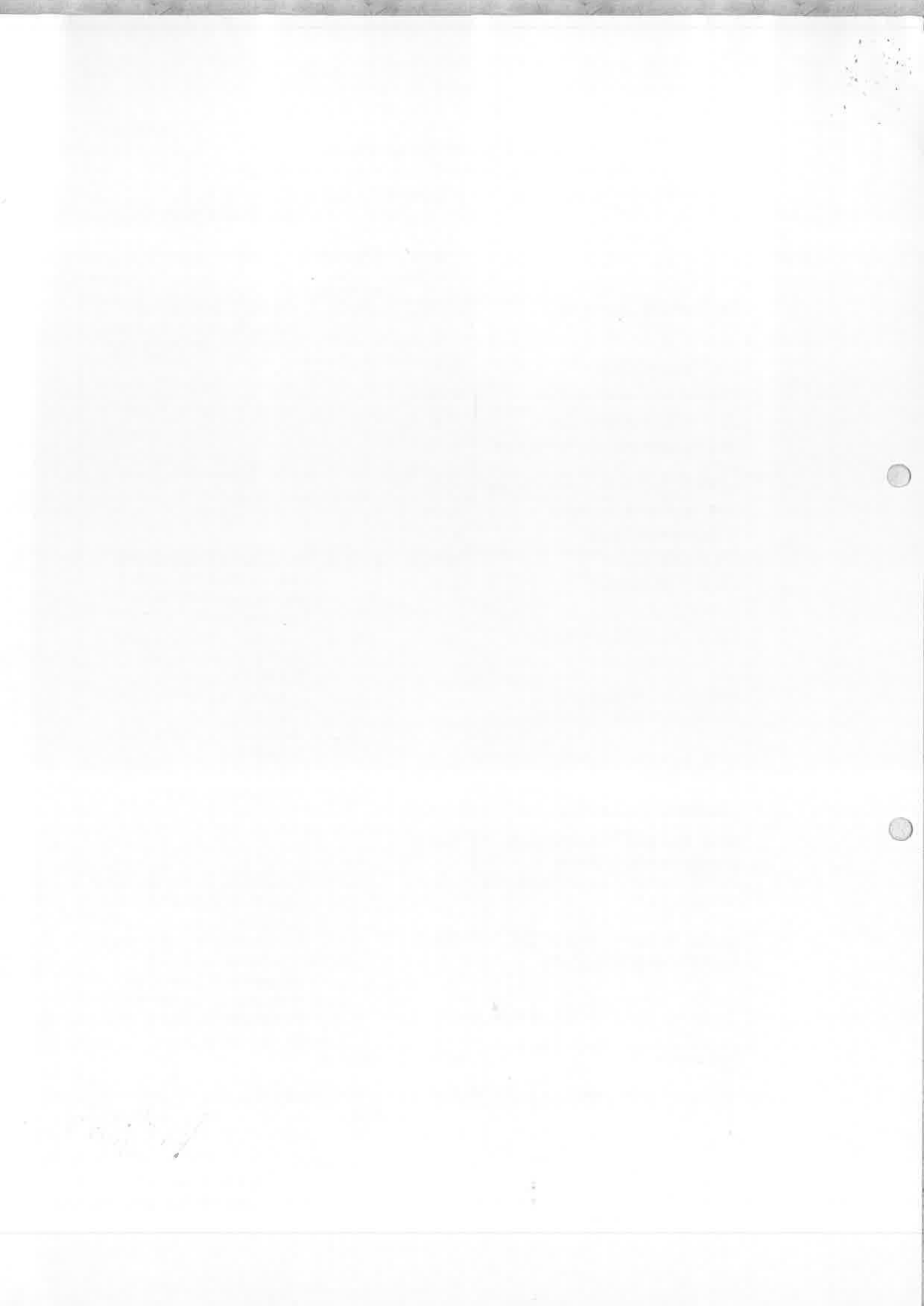
*Prathor*  
06/11/23  
I/c Executive Engineer  
ID, KBLPA, Bhopal

**INVESTIGATION DIVISION**  
**KEN BETWA LINK PROJECT AUTHORITY, BHOPAL**  
**Details of Allocation and Expenditure under EIA & EMP of KBLP**  
**Unit-Rs in Crore**

Sl. No.	Components of works	Allocation of amount	Actual Expenditure incurred	Remarks
1	Catchment area treatment plan	272.58	272.59	118.50 Cr. deposited on 30.03.2022 & 154.09 Cr. on 30.06.2022 in CAMPA fund
2	Land Management Plan	29.53		
3	Command area management plan	311.81		
4	Bio Diversity management plan	27.47		
5	Fisheries conservation and development plan	14.10		
6	Surface & ground water management plan	63.40		
7	Public health management plan	21.60		
8	Tourism development plan	5.78		
9	NPV for National park	2694.43	3512.80	Deposited in CAMPA Fund, March-2022 & Dec.2021 (As per demand of PTR & concerned DFO)
10	NPV for Territorial forest	85.77		
11	Cost of compensatory Afforestation	148.10	240.68	Deposited in CAMPA Fund on 30.06.2022, as raised by PCCF(LM) Deposited in CAMPA Fund on 27.09.2023 Deposited in CAMPA Fund on 30.09.2023
	Additional amount demanded by APCCF(LM) for revised CA scheme		12.30	
			3.53	
12	Land Acquisition	132.66	203.86	Amount as raised by Collector, Chhatarpur & Panna
13	Rehabilitation & Resettlement	1257.68		
	<b>Grand Total cost of Environment &amp; Ecology including R&amp;R Plan</b>	<b>5064.91</b>		
13	5% Cost of project to be constructed in the protected area	186.62	221.73	Deposited to the account of MP Tiger foundation society in Feb,2023
14	Net Cost for Implementation of Land Scape Management Plan (LMP)	962.88	15.67	The payment has been made to WII, Dehradun towards preparation of Land Scape Management Plan for PTR, Panna with reference to Ken-Betwa Link project.
	<b>Total amount</b>	<b>6214.41</b>	<b>4483.16</b>	

Note: Components under at sl.no. 13&14 are not mentioned in the EIA, EMP Report.

*P. Rathor*  
06/11/23  
I/c Executive Engineer  
ID, KBLPA, Bhopal



## Point wise compliances status to various stipulations (as per E.C.)

Sl.No.	Conditions of MoEF&CC for the EC of Ken-Betwa Link project <b>Part A : Specific Conditions</b>	Status of Compliances by User's Agency
i	The proposed Catchment Area Treatment (CAT) Plan as proposed in EIA/EMP (May, 2015) for 8 years with biological and engineering measures shall be implemented in consultation with Madhya Pradesh Forest Department. The CAT proposed is 2413.67 Sq. km. Allocated amount of Rs. 272.58 crores for this purpose be fully utilized and not to be diverted for any other purpose.	Rs. 272.58 Crores for implementation of CAT plan have been transferred to CAMPA fund on date of 30.06.2022. The Forest Department of Govt. of Madhya Pradesh is being pursued with for implementation of this Plan.

i	The R&R benefits for the land losing will have to comply with "The Right to fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013" which has come in force on 01.01.2014, Adequate publicity of the compensation package should be circulated in the affected villages. All R&R issues shall be completed before commissioning of the project.	Will be complied Special package for R&R has been approved by the Govt. of MP and has been intimated vide letter dated 13.09.23.
ii	A monitoring Committee for R&R shall be constituted which shall include representatives of project affected persons including representative from SC/ST category and a woman beneficiary.	A monitoring Committee for R&R has been constituted by D/o WR, RD, & GR on 20 <sup>th</sup> February, 2023 headed by Secretary (Department of Land Resources, Ministry of Rural Development, GOI ) vide order No. N-67016 (11)/1/2023-BM Section dated 20.02.2023 by Govt. of India. Local level monitoring Committee for R&R have been constituted. 1 <sup>st</sup> meeting was held on 20.09.2023 in collector office panna.
iii	All commitment made during the public hearing should be fulfilled completely by the project proponent and record maintained.	Will be complied.
iv	The Command Area Development (CAD) plan as proposed in EIA/EMP report (May, 2015) shall be strictly implemented.	After commencement of work, It is to be implemented as per provision of EIA & EMP report.
v	The Water User Association's (WUAs)/Co-operative shall be formed and involvement of the whole community for disciplined use of available water shall be ensured.	The Water User Association will be formed after implementation of the project.

vi	Conjunctive use of surface water shall be planned to check water logging as well as to increase productivity.	As the canal proposed as lined canal there is no possibility of water logging. However the Authority will check each and every command area in this respect. Both states will try to use modern techniques of irrigation for conjunctive use of water.
vii	Consolidation and compaction of the generated muck should be carried out at the muck dumping sites. As proposed in the muck disposal plan, out of 12.3 Mm <sup>3</sup> generated. Out of which, 7.38 Mm <sup>3</sup> is to be utilized for construction purpose and remaining should be dumped in designated disposal sites. The muck disposal sites should be reclaimed/restored with vegetative cover once capacity is utilized and it should be strictly adhered to.	The restoration and rehabilitation of muck dumping sites will be carried out strictly as per provision of the EMP.
viii	The proposed compensatory afforestation programme in 10,856 ha. shall be developed in consultation with State Forest Department. An amount of Rs. 3061 Crores have been allocated for this purpose. A part of the Panna Tiger Reserve is coming under submergence, proposed Biodiversity Conservation and Management Plan in consultation with State forest Department shall be implemented in to. Allocated amount of Rs. 27.47 Crores for this purpose should be fully used and not to divert for any other purpose.	As per demand by APCCF(LM), Rs 256.51 crore have been deposited in CAMPA Fund for Compensatory Afforestation. Others conditions will be complied in consultation with the State Forest Department. The State Forest Department is being pursued with for implementation of this Plan.
ix	The equipment likely to generate high noise levels during the construction period or otherwise shall meet the Ambient Noise level standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.	Will be complied as per EIA&EMP report.
x	The On Farm Development (OFD) works shall be completed and WUAs (Water User Associations) shall be made functional before commencement of irrigation.	Yes, both the work will be made functional before commencement of irrigation.
xi	The Fishery Development and Management Plan shall be developed in consultation with the State Fishery Department. Under the fisheries management plan, stocking of fish seed in Daudhan & Rangwan reservoirs, upstream/downstream of the river should be implemented strictly. The proposed Mahsheer hatchery taken-up strictly. The allocated grant Rs. 14.09 crores for this purpose shall be fully utilized and shall not be diverted for any other purposes.	The Fishery Development and Management plan shall be developed according to EMP and allocated amount shall be fully utilized strictly to meet the objective of the plan.
xii	Six monthly compliance reports shall be submitted to the Regional office of the Ministry located at Bhopal without fail until completion of the project along with the monitoring data. It should also to be uploaded in the own website of the project as a part of information to the General Public.	Yes, compliance report is being submitted to the Regional Office as well as is being uploaded on the website.



xiii	Periodical soil health shall be verified in command area during operation phase to ensure maintenance of soil fertility.	Will be done during operation phase.
xiv	Occurrence of stagnant pools/slow moving water channels during construction and operation of the project providing breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project proponent to take all steps i.e. residual insecticidal spray in all the project area and its surrounding 3 km area keeping the flight range of mosquitoes in consideration.	All desired steps for this purpose will be followed during construction of the project.
xv	Any other clearance from other organization/department, if required, should be obtained as and when necessary.	Yes, the project proponent will take clearances, if any from other organization/ department as and when required.
xvi	Solid waste generated especially plastic waste should not be disposed of as landfill material. It should be treated with scientific approach and recycled.	Yes, the project authority will strictly follow existing guidelines for disposal of solid waste (plastic waste).
xvii	As the submergence area is very large (about 9,000 ha), micro-climatic change conditions in the project area during construction/post-construction period to be brought-out/reported at regular intervals.	Will be complied.
xviii	Impact due to habitat change having effect like corridor and loss of migratory path for wildlife including birds and impact on the breeding ground of species should be recorded during pre-construction/post-construction stages.	Wild Life Institute of India (WII), Dehradun has prepared an Integrated Land Scape Management plan (ILMP). Govt. of India has constituted greater Panna Land Scape Council (GPLC). The conditions will be complied in consultation with State Forest Department under the guidance of GPLC.
xix	Plans for greenbelt development and reservoir rim treatment plan have to be made in consultation with State Forest Department. Preference shall also be given to plant local indigenous species. If possible, transplantation of trees from the submergence area of the project be taken up and these may be re-planted in the affected area of the project as a part of LMP.	The Management Plan will be complied in consultation with State forest Department under the guidance of GPLC constituted for monitoring ILMP.
xx	The Panna Tiger Reserve is facing acute shortage of water and due to creation of reservoir, the water regime will improve to a great extent. The extent of creation of pasture land due to receding of submergence, increase of herbivorous population, growth in vulture population as well as increase in Tiger population be recorded in the project area.	This work is also a part of ILMP prepared by WII, Dehradun. This will be implemented in consultation with Forest Department made the guidance of GPLC.

xxi	While implementing the LMP for PTR, as and when the Land Management Plan, etc. are taken up in the affected areas of the Ken-Betwa Link Project Phase-I, status of implementation of the same shall be submitted to the Ministry and Regional Office, MoEF & CC, Bhopal for its monitoring on six monthly basis.	Yes, status of implementation of LMP shall be submitted regularly to the MoEF & CC, New Delhi and Regional Office Bhopal as and when the implementation of LMP begins. Greater Panna land Scape Council (GPLC) has been constituted under the Chairmanship of Chief Secretary Govt. of MP for the implementation of ILMP. 1st meeting of GPLC was held on 05.09.23 at Bhopal.
xxii	All conditions stipulated in the NBWL Clearance letter No.6-109/2016-WL (39 <sup>th</sup> Meeting) dated 21.09.2016 should be strictly adhered-to including the resultant reservoir area shall be retained as core area with minimum activities for management purpose under close consultation with Tiger Reserve Management.	Yes, it will be complied strictly in consultation of State Forest Department.
xxiii	Six monthly compliance reports shall be submitted to Regional Office, MoEF & CC, Bhopal without fail until completion of the modernization works.	Yes, the report is being submitted on regular basis.
	<b>Part B; General Conditions</b>	
i	Adequate arrangements for providing free fuel like LPG/Kerosene shall be made at the project cost for the labour force engaged during the construction work so that indiscriminate felling of trees is prevented that is located adjacent to the proposed project site.	Will be complied.
ii	Medical facilities as well as recreational facilities shall also be provided to the labourer's at the construction sites. First aid facility at the project site shall also be provided with proper signage.	Will be complied.
iii	The labours to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit to avoid contraction of any disease to the local people.	Will be complied.
iv	Water sprinkling arrangements shall be made to control the fugitive dust and ambient air quality etc. be monitored during the period of construction according to the CPCB guidelines to meet the NAAQ standards.	Yes, shall be implemented at the time of construction.
v	Potable drinking water and proper sanitary facilities shall be provided for the labour force. Any solid waste generated at the colony of the labour force shall be collected and suitably disposed of.	Provisions have been made in the EIA & EMP report. Hence will be complied.

vi	Restoration of construction area including muck dumping sites of excavated materials shall be ensured by leveling, filling up of borrow pits, landscaping, etc. The area should be properly treated with suitable plant species preferable local indigenous species for better survival of plants and also to enrich the local habitat.	Will be compiled during construction stage of the project.
vii	Environmental parameters shall be monitored and "six monthly monitoring reports" shall be submitted to the Regional office of the Ministry located at Bhopal as per guidelines.	Six monthly report is being submitted regularly to Regional Office of MoEF&CC, Bhopal.
viii	The Project Proponent shall provide full cooperation and all required documents/data to the officer(s) of the Regional office of the Ministry located at Bhopal who would be monitoring the implementation of environmental safeguards.	Yes, project proponent shall be provide all desirable documents/data to the officer(s) of the Regional Office of MoEF&CC Bhopal as and when required for implementation of Environmental Safeguard measures.
ix	The responsibility of implementation of environmental safeguards and carrying out environmental monitoring rests fully with the Water Resources Department, Government of Madhya Pradesh and M/s. NWDA.	Environmental safeguard measure will be implemented as per this stipulation.
x	Besides the above stated conditions, the Project Proponent shall also implement all environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time. The Regional office, MoEF&CC, Bhopal shall monitor implementation of EMP at regular intervals.	Environmental safeguard measure will be implemented as per this stipulation.
xi	The Environmental Management Plan (EMP) shall be strictly adhered to. The total cost of implementation of mitigation measures as per EMP is Rs. 5073 crores. In case of revision of the project cost or due to price level change, the cost of EMP shall also be updated proportionately.	Environmental safeguard measure will be implemented as per this stipulation.
xii	In case of change in the scope of the project, the same shall be intimated to the Ministry and fresh approval, if required, shall be taken from the Ministry accordingly.	Agreed.
xiii	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.	Yes, Agreed.

xiv	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board /Committee and may also be seen at the Website of the Ministry of Environment, Forest & Climate Change at <a href="http://www.moef.nic.in">http://www.moef.nic.in</a> .	Complied. The copy of letter have been submitted to Regional Office, MOEF&CC, Bhopal office vide this office letter No. राजविअ/अप्रभो/तक-49-A /811-14, Dt.- 19-6-18 1. Dainik Bhaskar, Chhatarpur - date 30/09/2017 2. Haribhumi, Chhatarpur- date 30/09/2017
xv	A copy of the clearance letter shall be marked to concerned Panchayat / Zilla Parishad / Municipal Corporation, Urban local body and local NGO, if any, from whom any suggestion /representations were received while processing the proposal. The clearance letter shall also be put in the website by the project proponent. Compliance to the condition shall be ensured by the project and intimated to the state accordingly.	Complied. The copy of letter has been submitted vide this office letter No. राजविअ/अप्रभो/तक-49-A /811-14, Dt.- 19-6-18.
xvi	State Pollution Control Board/ Committee shall display a copy of the clearance letter at the Regional Office, district Industries Centre and Collector's / Tehsildar's office for 30 days.	Already complied. The copy of letter has been submitted vide this office letter No. राजविअ/अप्रभो/तक-49-A /811-14, Dt.- 19-6-18.
xvii	This clearance letter is valid for a period of 10 years from the date of issue of this letter for commissioning of the project.	Yes.
xviii	After 5 years of the commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.	Will be complied.
xix	The project proponent shall also submit six monthly reports on the status of compliance of stipulated EC conditions including the results of monthly monitored data (both in hard copies as well as by email) to the Regional office of MoEF &CC, Bhopal.	Six monthly reports on this aspect are being submitted to Regional Office, Bhopal regularly.
xx	Any appeal against this environmental clearance shall lie solely with the National Green Tribunal, if preferred, within a period of 30 days from the date of issue, as prescribed under section-16 of the National Green Tribunal Act, 2010.	Case No. 33 & 34 are pending in National Green Tribunal, New Delhi.

I/c Executive Engineer  
ID, KBLPA, Bhopal

*K. K. Sharma*  
06/11/23

**Government of India**  
Ministry of Environment, Forest and Climate Change  
(Forest Conservation Division)  
\*\*\*\*\*

Indira Paryavaran Bhawan  
Aliganj, Jorbagh Road  
New Delhi — 110003  
Date: 3<sup>rd</sup> October, 2023

To

The Principal Secretary (Forests),  
Govt. of Madhya Pradesh,  
Bhopal

**Sub: Diversion of 6017.00 ha of forest land in favour of M/s Rashtriya Jal Vikas Abhikaran for development of Ken-Betwa Link Project in Distt. Chattarpur, Panna and Tikamgarh, Madhya Pradesh.**

Sir,

I am directed to refer to the State Government of Madhya Pradesh's letter No. F-3/50/2015/10- 11/2182 dated 07.10.2016 on the subject mentioned above seeking prior approval of the Central Government under Section 2 of the Forest (Conservation) Act, 1980. After careful examination of the proposal by the Forest Advisory Committee, constituted under Section-3 of the said Act, 'in-principle' approval to the proposal under the Forest (Conservation) Act, 1980 was granted vide this Ministry's letter of even number 25.05.2017 subject to fulfillment of certain conditions prescribed therein. The State Government has furnished compliance report in respect of the conditions stipulated in the in-principle approval and has requested the Central Government to grant final approval.

The compliance of 'in-principle' approval was submitted by the State Government after the stipulated period of five years as envisaged in the Forest (Conservation) Rules, 2003. The competent authority of the Ministry has condoned the delay for submission of compliance report after the stipulated period of 5 years.

In this connection, I am directed to say that on the basis of the compliance report furnished by the State Government vide their letter No. F-3/50/2015/10-11/5/4169 dated 17.09.2023, 29.09.2023 and 1.10.2023, 'Final' approval of the Central Government is hereby granted under Section-2 of the Forest (Conservation) Act, 1980 for diversion of 6017.00 ha of forest land in favour of **M/s Rashtriya Jal Vikas Abhikaran for development of Ken-Betwa Link Project in Districts Chattarpur, Panna and Tikamgarh, in the State of Madhya Pradesh** subject to following conditions:

1. Legal status of the diverted forest land shall remain unchanged;
2. An area of 6809 ha of revenue/non-forest land has been identified by the State Government to be added to the Panna Tiger Reserve towards western side. Out of which 6017 ha will be added to the Panna Tiger Reserve. So far, 4901.263 ha of revenue/non-forest land has been mutated in favour of the FD/PTR while the process of transfer and mutation in respect of balance area of 1298 ha of revenue/non-forest land is under process. *Transfer and*



mutation of the balance revenue/non-forest land shall be completed by the State before handing over the forest land to the User Agency. Entire area of 6017 ha will be notified as RF/PF within a period of 6 months from the date of issue of Final approval. The user agency shall ensure that equal extent of revenue area to be added to Panna Tiger Reserve, either as a part of the core or corridor with other habitats or satellite core areas and consider the entire landscape as one conservation unit allowing for development and livelihood needs of forest dependent communities. Panna landscape has to be managed as a single landscape in the interest of long-term conservation because merely adding forest area of adjoining forest division to the core/buffer area of the tiger reserve will not be sufficient to compensate for the loss of forest area as these areas are as such available for use by the tiger and other wild animals of the PTR. The management of PTR should ensure that inclusion of land to the west of Ken River consolidates the Panna Tiger Reserve landscape;

3. Cost of Rs. 80.56 crores, towards the implementation of scheme/plan for the management of revenue/non-forest land shall be deposited into the account of State CAMPA, managed by the National Authority, before handing over the forest land to the user agency;
4. The revenue/non-forest land, equal in the extent to the forest land being diverted, as identified by the user agency shall be maintained by the State Forest Department/PTR as per the scheme/plan approved by the competent authority. The concerned authorities in the State shall ensure that revenue/non-forest land already transferred and mutated and to be transferred and/or mutated in favour of the State Forest Department is free from all encumbrances and is suitable for its inclusion in the PTR before its notification as RF/PF. Similarly, degraded forest land of 6063 ha identified for raising afforestation will be managed as per the approved CA scheme. In case of unsuitability of the land for afforestation, the same will be informed to the Central Government along with the detail of alternate suitable land.
5. All revenue villages, as has been finalized by the Committee consisting of the Field Director Panna National Park (Chairman), a representative of the Project proponent, a representative of the Regional office, Bhopal and a representative of NTCA, shall be relocated by the revenue department with the help of the project authorities and that the entire expense for relocation shall be borne from the project. Further, the revenue land so secured through relocation shall be declared Reserve Forest / PF and handed over to the forest department within a period of next 12 months;
6. The Catchment area treatment plan as approved by State Government be implemented by/or under the supervision of State Forest Department at the project cost.
7. The compensatory afforestation scheme prepared and approved by the competent authority of the State shall be implemented by the State Forest Department as per approved plan. The scheme shall include 20% of the species of *Anogeissus pendula*;
8. The State Government has realized the NPV of the forest area diverted under this proposal from the User Agency as per the relevant guidelines issued by this Ministry in this regard. Additional NPV, if becomes due as per final order of Hon'ble Supreme Court, shall be paid by the User Agency;
9. The State Govt. and the User Agency shall ensure that the water flow downstream shall be regulated in line with the natural flow regime and, in the lean period, 100% of the existing flow regime should be maintained while in the non-lean period, the prescribed minimum by hydrology and aquatic biodiversity experts should be ensured. The minimum flow of water in the Ken River will be maintained till it joins the Yamuna to save wildlife including



- crocodiles and other aquatic animals. The user agency shall also construct a number of concrete dykes across smaller streams going off from the main reservoir which during FRL shall be over flown but which during lean season shall dam up small isolated water bodies for the benefit of the wildlife;
10. The State Govt. and the user agency shall ensure that the e-flow is maintained as given in the EIA and EMP of the project to save the wildlife including mugger and gharial, and to maintain the water regime downstream of the dam;
  11. The State Govt. and the user agency shall ensure that the proposed Powerhouse, which have the capacity of 78 MW, shall not be constructed in the forest area to be diverted to avoid constant disturbance in the PTR;
  12. The State Govt. and the user agency shall ensure that the canal should be realigned to minimize the use of forest land for construction of canal;
  13. The State Govt. shall ensure that the appropriate provision should be made by the project proponent to strengthen and improve habitat management enforcement, and monitoring activities in the core as well as in buffer areas, as there is risk of increased human activities due to this project. Further, support should be provided for buffer management and community activities, including eco-development and skill development programs, for local villagers. Alternative activities for local communities involved in extractive activities inside PTR should be implemented;
  14. In the long-term interest of tiger conservation, the project proponent may implement landscape level conservation, which is administratively/legally effective for which Landscape Management Authority/Council/ Society should be brought under the purview of tiger reserve management;
  15. The State Govt. shall ensure that no building material for the construction of dam/power house/canal or any other purpose should be permitted from the national park/forest area;
  16. The Action Plan for conservation of Vultures in affected area of PTR shall be implemented as per the provisions provided in the Integrated Landscape Management Plan prepared by the Wildlife Institute of India. Cost of implementation of the provisions of the ILMP in respect of forest area will be deposited into the account of State CAMPA, managed by the National Authority (CAMPA).
  17. The State Govt. shall ensure that dedicated team involving State Forest Department, National Tiger Conservation Authority, Wildlife Institute of India and the project proponent including NDWA, constituted by the State oversee this project during and post construction phases, and shall provide regular management inputs for ensuring the conditions proposed herewith;
  18. As per the Supreme Court order, 5% of the project cost corresponding to the project area falling inside the Protected Areas would be paid by the user agency for the development of the concerned National Park/Wildlife Sanctuary and the fund so collected from the Project should be used exclusively for funding conservation and administrative activities for the Panna Tiger Conservation Landscape;
  19. Felling of trees in the project area shall be carried out by the State as per the fresh enumeration conducted by the State Forest Department;
  20. There will not be any tree felling done above tree line up to FRL minus 10 Mts. Tree felling below 10 meter from FRL shall not be carried out before ascertaining that these trees are actually getting submerged for considerably long period and eventually die. It is only after actually attaining FRL that the decision to fell trees above FRL minus 10 shall be taken by the forest department;
  21. The State Govt. and the user agency shall comply the recommendations

made by the National Tiger Conservation Authority (NTCA) as per provisions of Sections 38 0 (2), 38 (0)(1)(b) and 38 (0)(1)(g) of the Wildlife (Protection) Act, 1972 inclusive of recommendations of the NTCA Committee constituted in December, 2013, recommendation of the Committee constituted by the Standing Committee of the National Board for Wildlife (NBWL) vide its 37 th Meeting, and discussions held by the Expert Group which was suggested in the 38th Meeting of the SC of NBWL .); vide their letter no. 7-2/2016-NTCA dated 22.08.2016 subject to the modifications/recommendations of CEC in light of the cognizance taken by CEC regarding NBWL recommendations and communication of CEC dated 10" April 2017 and subsequent discussion in CEC office and approval of the Supreme Court, if referred by the CEC. The condition listed in letter no. 7-2/2016-NTCA dated 22.08.2016 is given below:

- i. The following protected areas in the landscape shall be brought under Project Tiger;
  - o
    - Nauradehi Wildlife Sanctuary, Madhya Pradesh
    - Rani Durgawati Wildlife Sanctuary, Madhya Pradesh
    - Ranipur Wildlife Sanctuary, Uttar Pradesh
  - ii. Commencement of works shall not be permitted till notification of at least core/critical tiger habitats is carried out by respective State Governments. States should expedite the process as benefits of the project shall accrue to both.
  - iii. Critical areas in buffer of the Panna Tiger Reserve, which facilitate tiger dispersal to the west and south, shall be taken into the core/critical tiger habitat.
  - iv. Necessary funding support to voluntarily rehabilitate people from these areas shall be borne by the user agency.
  - v. Areas of South Panna and Chhatarpur Divisions which have historically seen tiger presence shall be notified as buffer of the Panna Tiger Reserve and shall be brought under unified control of the Field Director Panna to ensure suitable interventions in the long run.
  - vi. The aforesaid Landscape Management Plan (LMP) shall be prepared by the NTCA and WH with complete funding support by the user agency in three years. Phase I of the same shall focus on delineation of connecting/interlinking areas for tiger dispersal, at the micro level in consultation with stake holders and shall be completed within a year of commencement of LMP preparation work. No construction activity shall commence prior to delineation of these areas at the micro level. Strategies and management interventions for these delineated areas shall be proposed and implemented subsequently.
  - vii. The LMP shall inter alia, also focus on a vulture recovery programme in consultation with domain experts as per a dynamic scenario based on effect of construction of the works and water levels on nesting behavior;
  - viii. The LMP shall be made part of the adjoining area plan/corridor plan of the Tiger Conservation Plan (TCP) of the Panna Tiger Reserve which shall categorically propose a tripartite Memorandum of Understanding between the State, Ministry controlling the User Agency (Ministry of Water Resources) and the NTCA ensuring reciprocal commitments by each party to safeguard the landscape. The contents of the MoU shall be worked by mutual consultation between the parties. However, the Panna Tiger Reserve Management need not wait for the LMP to be completed to furnish the TCP, as the LMP shall be




- incorporated as part subsequently by the NTCA as per Section 38 (0)(1)(a) of the Wildlife (Protection) Act, 1972.
- ix. At Gherial region in the Panna Tiger Reserve, an early warning system shall be installed by the user agency to predict water levels so as to maintain connectivity with the west of the tiger reserve. If required, structural interventions camouflaged to mimic nature shall be constructed at cost of the user agency to maintain tiger dispersal to the west;
  - x. Along the canal alignment, structural interventions shall be carried out at wildlife cross over points, which are duly camouflaged and mimic nature, at cost to the user agency, so that dispersal is not hindered;
  - xi. At the end of ramification of the submergence water level, suitable water retention structures like dykes, shall be created by the user agency which can hold water during pinch periods for wildlife after the water has receded;
  - xii. As the mitigation strategy envisaged involves operationalizing a landscape approach to tiger conservation, no new mining areas shall be proposed in the delineated corridor areas as well as those wherein tiger dispersal movement has been historically recorded. Further, extending of existing mining leases shall not be carried out until it is concretely justified that the project is in public interest and following due process of law;
  - xiii. A Committee shall be set up to monitor the works during pre- construction, during construction and post construction phases as follows;
    - a. AIG (NTCA), Regional Office, Nagpur with AIG (NTCA), Headquarters as link officer.
    - b. Representative of the Wildlife Institute of India, Dehradun, conversant with the landscape
    - c. Deputy Director, Panna Tiger Reserve with Field Director, Panna as link officer
    - d. Representative of the Global Tiger Forum
  - xiv. Forest Clearance in the said case shall follow its due course and the matter shall be referred to the NTCA under Sections 38 (0)(1)(b) and 38 (0)(1)(g) of the Wildlife (Protection) Act, 1972 by the Forest Advisory Committee, when received, as per procedure.
22. The State Government of Madhya Pradesh and the user agency shall implement the approved Rehabilitation and Resettlement (R & R) plan of the project affected families in a time bound and transparent manner and to the entire satisfaction of Forest Department and PTR;
  23. To prevent illegal occupation/encroachment of the forest land by the families to be displaced from the project site, the user agency shall ensure that each family being displaced from the project site actually acquires and settles on non-forest land. Apart from taking other measures to achieve the said objective, as a measure to discourage the project affected families from encroachment on the forest land, payment of annuity for a period of at-least five years at the rate of the minimum wage payable to the unskilled person for 200 person-days per annum to each adult member of the project affected families, on receipt of a certificate signed by a forest officer not below the rank of a Range Officer having jurisdiction over the area where such person has settled after displacement from the project site, should be incorporated in the R & R plan. Payment of the said annuity should be an additionality and not in replacement of any of the benefits to be accrued to the project affected persons, as per the approved R&R Plan;

24. The State Govt. shall ensure that the User agency shall track location of each displaced family and ensure that none of them encroach/ occupy forest land. In support of compliance to the said condition at least for five years from the date of taking possession of the forest land, the user agency shall submit an annual certificate to the Principal Chief Conservator of Forests, Madhya Pradesh that none of the persons displaced from the project land has encroached/ settled on the forest land during the year;
25. At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;
26. Any fund received from the user agency under the project, including the compensatory levies yet to be deposited by the user agency, except the funds realized for regeneration/ demarcation of safety zone, shall be deposited into the account of State CAMPA, managed by the National Authority (CAMPA);
27. The User Agency shall obtain the Environment Clearance as 'per the provisions of the Environmental (Protection) Act, 1986, if required;
28. No labour camp shall be established on the forest land;
29. The User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;
30. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing, distance from pillar to pillar and GPS co- ordinates;
31. The layout plan of the proposal shall not be changed without the prior approval of the Central Government;
32. The forest land shall not be used for any purpose other than that specified in the proposal; 35. The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;
33. The water shall be provided from the reservoir to the Forest Department for raising and maintenance of plantations and nurseries around the site whenever required, free of charge. The quantity and time of supply of water shall be as decided by the Forest Department.
34. No damage to the flora and fauna of the adjoining area shall be caused;
35. Felling of trees on the forest land being diverted shall be reduced to the bare minimum and the trees shall be felled under strict supervision of the State Forest Department;
36. The User Agency shall undertake afforestation along the periphery of the reservoir and canals (as applicable).
37. The User Agency shall carry out muck disposal at pre-designated sites in such a manner so as to avoid its rolling down.
38. The dumping area for muck disposal shall be stabilized and reclaimed by planting suitable species by the User Agency at the cost of project under the supervision of State Forest Department. Retaining walls and terracing shall be carried out to hold the dumping material in place. Stabilization and reclamation of such dumping sites shall be completed before handing over

- the same to the State Forest Department in a time bound manner as per Plan.
39. The State Government and the User Agency shall ensure that the trees available between full reservoir level (FRL) and FRL-4 meters are not felled;
  40. A plan for conservation of wildlife will be made by the User Agency in consultation with the CCF (Wildlife) to be implemented at the User Agency's cost;
  41. *The user agency shall make payment on account of balance compensatory levies and difference in the amount of compensatory levies, if any becomes due, along with applicable amount of interest, into the account of State CAMPA, managed by the National Authority. The Nodal Officer shall reconcile such payments made by the user agency and ensure that amount, so received, has been duly credited to relevant account of CAMPA before the issue of final diversion order by the State Government;*
  42. *Keeping in view the larger public interests, involved in the project and importance of time factor to execute the project work, the working permission for a period of one year is hereby granted to enable the user agency to complete all compliance as per the approval granted under the Forest (Conservation) Act, 1980. In the event of failure to complete the compliance within the period of one year, the working permission will be deemed to be revoked after a period of one year;*
  43. The State Government shall ensure that the settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted has been completed in accordance with the guidelines of this Ministry;
  44. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the concerned Regional Office of the Ministry regularly;
  45. Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife; and
  46. The User Agency and the State Government shall ensure compliance to provisions of the all Acts, Rules, Regulations, Guidelines and relevant Hon'ble Court Order (s), if any, pertaining to this project for the time being in force, as applicable to the project.

Yours faithfully,

  
(Suneet Bhardwaj) 03/10/23  
Assistant Inspector General of Forests

Copy to:

1. The PCCF, Government of Madhya Pradesh, Bhopal.
2. The Member Secretary, National Tiger Conservation Authority (NTCA), 7th Floor, Paryavaran Bhawan, CGO Complex, Lodhi load, New Delhi.
3. Addl. Director General of Forest (Wildlife), Ministry of Environment, Forest and Climate Change, IPB, New Delhi.

4. The Nodal Officer (FCA), O/o PCCF, Government of Madhya Pradesh, Bhopal.
5. The Addl. PCCF (Central), Regional Office, Bhopal.
6. User Agency.
7. Forest Conservation Monitoring Cell, MoEF&CC, New Delhi
8. Guard File

No. J-12011/20/2013-IA-I

Government of India  
Ministry of Environment, Forest & Climate Change  
(IA-I Division)

Indira Paryavaran Bhawan  
3<sup>rd</sup> Floor, Vayu Wing  
JorBagh Road  
New Delhi-110 003

Dated: 25.8. 2017

To

**The Chief Engineer**

M/s. National Water Development Agency  
Ministry of Water Resources, RD & GR  
18-20, Community Centre, Saket  
New Delhi -110 066

**Subject: Ken-Betwa Link Project Phase-I in Panna & Chhatarpur District of Madhya Pradesh M/s Water Resources Department, Government of Madhya Pradesh and M/s. National Water Development Agency - Environmental Clearance (EC)-regarding.**

Sir,

This is with reference to your letter No. NWDA/SE-II/152/22/2015/Vol-I/10409 dated 20.7.2015, 7.10.2015, 14.10.2015, 9.2.2016, 2.6.2016, 17.11.2016, 8.12.2016, 26.12.2016 and 30.6.2017 on the above mentioned subject.

2. The above referred proposal was appraised by the Expert Appraisal Committee (EAC) for River Valley and Hydro Electric Power Projects (RV&HEP) in its meetings held on 24-25<sup>th</sup> August, 2015; 26-27<sup>th</sup> October, 2015; 8-9<sup>th</sup> February, 2016; 2-3<sup>rd</sup> June, 2016 and 30<sup>th</sup> December, 2016. The comments and observations of EAC of this project may be seen in the Minutes of these Meetings which are available on the web-site of this Ministry.

3. The project envisages construction of 77 m high & 2,031 m long composite dam across Ken river near village Daudhan in Chhatarpur District of Madhya Pradesh to provide irrigation facility to 6.35 lakh ha area, drinking water facility and generation of 78 MW hydropower. Two (2) powerhouses, viz., (i) 2 units of 30 MW capacity each, and (ii) 3 units of 6 MW capacity each are proposed to be constructed. Two (2) tunnels of 1.9 km long upper level and 1.1 km long lower level tunnel and 221 km long Ken-Betwa link Canal Phase-I on the left bank of the river are proposed to be constructed. Total submergence area is 9,000 ha, out of which 5,258 ha is forestland (includes 4,141 ha in Panna Tiger Reserve). A total of 10 villages consisting of 1,585 families are likely to be affected by this project. Panna Tiger Reserve falls within the 10 km radius of the project. The total cost of the project is about Rs.9,393 Crores and it is likely to be completed in 9 years.

4. The Public Hearing for the project was conducted on 23.12.2014 at Government School Ground, Silone Village in Chhattarpur District and on 27.12.2014 at Forest Guest House, Hinnota Village in Panna District of Madhya Pradesh.

5. The Expert Appraisal Committee (EAC), after due consideration of the relevant documents submitted by the project proponent and clarifications furnished in response to its observations, have recommended for grant of Environmental Clearance for this project. Accordingly, the Ministry of Environment, Forest and Climate Change hereby accords necessary Environmental Clearance for the above project as per the provisions of Environmental Impact Assessment Notification, 2006 and its amendments thereof, subject to compliance of the following conditions:

**Part A: Specific Conditions**

- i. The proposed Catchment Area Treatment (CAT) Plan as proposed in EIA/EMP (May, 2015) for 8 years with biological and engineering measures shall be implemented in consultation with Madhya Pradesh Forest Department. The CAT proposed is 2413.67 Sq. km. Allocated amount of Rs. 272.58 crores for this purpose be fully utilized and not to be diverted for any other purpose.

Measures	I Year	II Year	III Year	IV Year	V Year	VI Year	VII Year	VIII Year	Total
<b>Biological Measures</b>									
Afforestation/ Reforestation (ha)	--	1249	1874	2498	2498	2498	1249	625	12490
Pasture Improvement (ha)	--	345	517	690	690	690	345	172	3448
Social forestry (ha)	--	225	338	450	450	450	225	113	2250
<b>Engineering Measures</b>									
Stone wall check dams (Nos)	32	61	61	61	20	20	20	15	292
Loose Boulder check dams (Nos)	46	88	88	88	29	29	29	21	419
Stone Contour Bunds (ha)	2395	4573	4573	4573	1524	1524	1524	1089	21776
Mini Percolation tanks (Nos)	1	2	2	1	--	--	--	--	6
Staggered Contour Trenches with plantation (ha)	994	1898	1898	1898	633	633	633	452	9036

i. The R&R benefits for the land losing will have to comply with "The Right to fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013" which has come in force on 1.1.2014. Adequate publicity of the compensation package should be circulated in the affected villages. All R&R issues shall be completed before commissioning of the project.

ii. A monitoring Committee for R&R shall be constituted which shall include representatives of project affected persons including representative from SC/ST category and a woman beneficiary.

- iii. All commitment made during the public hearing should be fulfilled completely by the project proponent and record maintained.
- iv. The Command Area Development (CAD) plan as proposed in EIA/EMP report (May, 2015) shall be strictly implemented.
- v. The Water User Association's (WUAs)/ Co-operative shall be formed and involvement of the whole community for disciplined use of available water shall be ensured.
- vi. Conjunctive use of surface water shall be planned to check water logging as well as to increase productivity.
- vii. Consolidation and compaction of the generated muck should be carried out at the muck dumping sites. As proposed in the muck disposal plan, out of 12.3 Mm<sup>3</sup> generated. Out of which, 7.38 Mm<sup>3</sup> lakh m<sup>3</sup> is to be utilized for construction purpose and remaining should be dumped in designated disposal sites. The muck disposal sites should be reclaimed/restored with vegetative cover once capacity is utilized and it should be strictly adhered to.
- viii. The proposed compensatory afforestation programme in 10,856 ha shall be developed in consultation with State Forest Department. An amount of Rs.3061 Crores have been allocated for this purpose. A part of the Panna Tiger Reserve is coming under submergence, proposed Biodiversity Conservation and Management Plan in consultation with State Forest Department shall be implemented in toto. Allocated amount of Rs. 27.47 Crores for this purpose should be fully used and not to divert for any other purpose.
- ix. The equipment likely to generate high noise levels during the construction period or otherwise shall meet the Ambient Noise level standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA), 1986.
- x. The On Farm Development (OFD) works shall be completed and WUAs (Water User Associations) shall be made functional before commencement of irrigation.
- xi. The Fishery Development and Management Plan shall be developed in consultation with the State Fishery Department. Under the fisheries management plan, stocking of fish seed in Daudhan & Rangwan reservoirs, upstream/downstream of the river should be implemented strictly. The proposed Mahsheer hatchery taken-up strictly. The allocated grant Rs.14.09 crores for this purpose shall be fully utilized and shall not be diverted for any other purposes.
- xii. Six monthly compliance reports shall be submitted to the Regional Office of the Ministry located at Bhopal without fail until completion of the project along with the monitoring data. It should also to be uploaded in the own website of the project as a part of information to the General Public.
- xiii. Periodical soil health shall be verified in command area during operation phase to ensure maintenance of soil fertility.



- xiv. Occurrence of stagnant pools/slow moving water channels during construction and operation of the project providing breeding source for vector mosquitoes and other parasites. The river should be properly channelized so that no small pools and puddles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project proponent to take all steps i.e. residual insecticidal spray in all the project area and its surrounding 3 km area keeping the flight range of mosquitoes in consideration.
- xv. Any other clearance from other organization/department, if required, should be obtained as and when necessary.
- xvi. Solid waste generated especially plastic waste should not be disposed of as landfill material. It should be treated with scientific approach and recycled.
- xvii. As the submergence area is very large (about 9,000 ha), micro-climatic change conditions in the project area during construction/post-construction period to be brought-out/reported at regular intervals.
- xviii. Impact due to habitat change having effect like corridor and loss of migratory path for wildlife including birds and impact on the breeding ground of species should be recorded during pre-construction/post - construction stages.
- xix. Plans for greenbelt development and reservoir rim treatment plan have to be made in consultation with State Forest Department. Preference shall also be given to plant local indigenous species. If possible, transplantation of trees from the submergence area of the project be taken up and these may be re-planted in the affected area of the project as a part of LMP.
- xx. The Panna Tiger Reserve is facing acute shortage of water and due to creation of reservoir; the water regime will improve to a great extent. The extent of creation of pasture land due to receding of submergence, increase of herbivorous population, growth in vulture population as well as increase in Tiger population be recorded in the project area.
- xxi. While implementing the LMP for PTR, as and when the Land Management Plan, etc. are taken up in the affected areas of the Ken-Betwa Link Project Phase-I, status of implementation of the same shall be submitted to the Ministry and Regional Office, MoEF & CC, Bhopal for its monitoring on six monthly basis.
- xxii. All conditions stipulated in the NBWL Clearance letter No. 6-109/2016-WL (39<sup>th</sup> Meeting) dated 21.9.2016 should be strictly adhered-to including the resultant reservoir area shall be retained as core area with minimum activities for management purpose under close consultation with Tiger Reserve Management.
- xxiii. Six monthly compliance reports shall be submitted to Regional Office, MoEF& CC, Bhopal without fail until completion of the modernization works.



## **Part B: General Conditions**

- i. Adequate arrangements for providing free fuel like LPG/kerosene shall be made at the project cost for the labour force engaged during the construction work so that indiscriminate felling of trees is prevented that is located adjacent to the proposed project site
  - ii. Medical facilities as well as recreational facilities shall also be provided to the labourers at the construction sites. First aid facility at the project site shall also be provided with proper signage.
  - iii. The labourers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit to avoid contraction of any disease to the local people.
  - iv. Water sprinkling arrangements shall be made to control the fugitive dust and fugitive dust, ambient air quality ect. be monitored during the period of construction according to the CPCB guidelines to meet the NAAQ standards.
  - v. Potable drinking water and proper sanitary facilities shall be provided for the labour force. Any solid water generated at the colony of the labour force shall be collected and suitably disposed of.
  - vi. Restoration of construction area including muck dumping sites of excavated materials shall be ensured by leveling, filling up of borrow pits, landscaping, etc. The area should be properly treated with suitable plant species preferable local indigenous species for better survival of plants and also to enrich the local habitat.
  - vii. Environmental parameters shall be monitored and "six monthly monitoring reports" shall be submitted to the Regional office of the Ministry located at Bhopal as per guidelines.
6. The Project Proponent shall provide full cooperation and all required documents / data to the Officer (s) of the Regional Office of the Ministry located at Bhopal who would be monitoring the implementation of environmental safeguards.
7. The responsibility of implementation of environmental safeguards and carrying out environmental monitoring rests fully with the Water Resources Department, Government of Madhya Pradesh and M/s. NWDA.
8. Besides the above stated conditions, the Project Proponent shall also implement all environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time. The Regional Office, MoEF & CC, Bhopal shall monitor implementation of EMP at regular intervals.
9. The Environmental Management Plan (EMP) shall be strictly adhered to. The total cost of implementation of mitigation measures as per EMP is Rs 5073 crores. In case of revision of the project cost or due to price level change, the cost of EMP shall also be updated proportionately.

10. In case of change in the scope of the project, the same shall be intimated to the Ministry and fresh approval, if required, shall be taken from the Ministry accordingly.

11. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.

12. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board / Committee and may also be seen at the Website of the Ministry of Environment, Forest & Climate Change at <http://www.moef.nic.in>.

13. A copy of the clearance letter shall be marked to concerned Panchayat/ZillaParishad/Municipal Corporation, Urban local body and local NGO, if any, from whom any suggestion/representations were received while processing the proposal. The clearance letter shall also be put in the website by the project proponent. Compliance to the condition shall be ensured by the project and intimated to the state accordingly.

14. State Pollution Control Board / Committee shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's / Tehsildar's Office for 30 days.

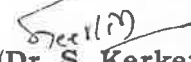
15. This clearance letter is valid for a period of 10 years from the date of issue of this letter for commissioning of the project.

16. After 5 years of the commissioning of the Project, a study shall be undertaken regarding impact of the project on the environment and downstream ecology. The study shall be undertaken by an independent agency, decided in consultation with the Ministry.

17. The project proponent shall also submit six monthly reports on the status of compliance of stipulated EC conditions including the results of monthly monitored data (both in hard copies as well as by email) to the Regional Office of MoEF & CC, Bhopal.

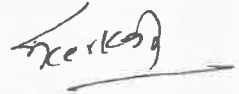
18. Any appeal against this environmental clearance shall lie solely with the National Green Tribunal, if preferred, within a period of 30 days from the date of issue, as prescribed under Section-16 of the National Green Tribunal Act, 2010.

Yours faithfully,

  
(Dr. S. Kerketta)  
Director

**Copy to:**

1. The Secretary, Ministry of Water Resources, RD & GR, Shram Shakti, Bhawan, Rafi Marg, New Delhi 110 001.
2. The Principal Secretary (Water Resources Department), Government of Madhya Pradesh, Secretariat, Bhopal -462 016.
3. The Secretary, Department of Environment, Government of Madhya Pradesh, Secretariat, Bhopal -462 016.
4. The Chief Engineer, Project Appraisal Directorate, Central Water Commission, SewaBhawan, R.K. Puram, New Delhi-110 066.
5. The Chief Engineer, National Water Development Agency, 18-20 Community Centre, Saket, New Delhi - 110017.
6. Shri. O. P. S. Kushwah, Superintending Engineer, National Water Development Agency, 205 - PalikaBhavan, RK Puram, New Delhi - 110066.
7. The Additional PCCF (Central), Regional Office (WR), Ministry of Environment, Forest & Climate Change, KendriyaParyavaranBhavan, Link Road No-3, Ravi ShankerNager, Bhopal -462 016..
8. The Member Secretary, Madhya Pradesh State Pollution Control Board, ParyavaranParisar, E-5, Arera Colony, Bhopal -462 016.
9. NIC Cell - uploading in MoEF&CC's website.
10. PPS to JS (GB)/Director (SKK)/ DD (NS).
11. Guard file.



**(Dr. S. Kerketta)**  
Director

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