

**Agenda for 7<sup>th</sup> meeting of Expert Appraisal Committee (River Valley Projects) to be held on 05<sup>th</sup> February, 2021 from 11:00AM – 05:00 PM through Video Conference.**

**Instructions to Project Proponents:**

1. The EAC meeting will be held through Video-conference.
2. Project Proponents shall send the following through e-mail to all EAC Members and Ministry Officials **Shri Y. P. Singh**, Scientist 'E' ([yogendra78@nic.in](mailto:yogendra78@nic.in))/**Dr. Mohit Saxena** Scientist 'C' ([mohit.saxena@gov.in](mailto:mohit.saxena@gov.in)) 03<sup>rd</sup> February, 2021. E-mails of all members are given at the end:
  - (a) Duly filled Form as per the format given at page 3.
  - (b) **Executive-Summary** of the project along with Annexures I, II, III and IV (as applicable) given at the end **failing submission which the proposal shall not be considered for VC.**
  - (c) .kml shape file showing boundaries of project facilities (dam, submergence, intake water point, power house site in Hydro projects, cultural command area in irrigation projects, etc.).
  - (d) Presentation .pdf (to all members), PPTs format to Ministry Officials.
  - (e) Copy of Valid NABET-QCI Certificate of Consultants.
3. The proposals listed in the agenda are given below. **Those proponents whose details are received as per the Sl. No. 2 will only be taken up for Video-conference** and to be followed strictly as the time slot given is limited.
4. MoEF&CC will moderate the Video Conferencing meeting (Microsoft Teams). Web link will be shared before them meeting.
5. Details of project proponents and number of online access points required are to be sent in advance. Only two persons from Proponent side shall communicate to Ministry Officials for connecting through video conference as per their time slot.
6. Only 3-4 access points (number of devices, computer/laptop/mobile) will be permitted for one proposal/proponent which include consultants. Only one project proponent will be connected to EAC as per their slot. Remaining proponents have to wait for their time slot for joining VC meeting. All proponents should join the conference at between 10:30AM – 11:00AM on 05.02.2021 for testing purpose. However, the actual meeting will commence at 11 AM.
7. Project Proponent shall present salient points of the proposal. Only one person should speak at a time and keep the audio switched off mode during conference. Remaining shall keep their audio on 'mute' mode.
8. Time slots are given for each project. Accordingly, Project Proponents shall be ready for online connection at least 10 min before their given slot. If any problem faced please contact **Mr. Kamal, Moderator, NIC (Mobile No. 8800225087, email- support-ipb@nic.in).**

9. The project proponents may kindly treat this as official communication and may not wait for separate letter (s) from MoEF&CC although, letters shall be issued separately. For any clarification, Shri Y.P. Singh, at 011-24695365 may be contacted.
10. A short duration videography of the project area is to be presented before the EAC for better understanding of the project site, if available.
11. The project proponents should submit, PPT, Form - 2 for EC application, DPR, EIA/EMP report, Public Hearing proceedings, queries subsequently raised by the Ministry, if any including details of the court matters/Orders of the Court pertaining to the project if any, in original, duly signed by the company authorized signatory for Environmental Clearance, **in hard form to the Ministry.**
12. Hardcopies of the DPR or the detailed EIA, EMP, etc. need not be sent to the EAC members. Only an Executive Summary (it should not normally exceed 25 pages) along with PPTs by email.
13. For the proposals from the Private Sector Organizations, Director or above level and for proposals from the Government, the Chief Engineer concerned or above level officer/s should lead the team. Officers should come and respond to explain the project and respond to queries from the Committee Members.
14. Mobile Phone should be kept on switched off/silent mode during the meeting.

**AGENDA OF 7<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS**

**DATE** : 05<sup>th</sup> February, 2021  
**TIME** : 11:00 AM - 05:00 PM  
**MODE** : VIDEO-CONFERENCE

Item No. 6.1	Confirmation of the minutes of 6 <sup>th</sup> EAC meeting.
Item No. 6.2	<b>Consideration of Proposals</b>
Item No. 6.2.1 11:00 AM to 12:00 PM	Sirkari-Bhyol Rupsiabagar HEP (168MW) in Pithoragarh District of Uttarakhand by M/s UJVN LTD - <b>Environmental Clearance (EC)</b> – Reg.  [Proposal No. IA/UK/RIV/130432/2019; F. No. J-12011/12/2015-IA.I]
Item No. 6.2.2 12:00 PM to 12:30 PM	Luhri HEP Stage – 1 (210MW) Project in Shimla District of Himachal Pradesh by M/s SJVN Corporate Environment – <b>Amendment in EC</b> - Reg.  [Proposal No. IA/HP/RIV/29585/2015; F. No. J-12011/05/2015-IA-I (R)]
Item No. 6.2.3 12:30 PM to 01:00 PM	ReoliDugli Hydro-Electric Project (RDHEP) of 430 MW capacity in District Lahaul-Spiti, Himachal Pradesh by M/s SJVN Corporate Environment – <b>Terms of Reference (ToR)</b> - Reg.  [Proposal No. IA/HP/RIV/195492/2021; F. No. J-12011/04/2021-IA-I (R)]
<b>LUNCH TIME</b> <b>(01:00 PM to 2:00 PM)</b>	
Item No. 6.2.4 02:00 PM to 02:30 PM	Teesta Intermediate H.E. Project (2x 30 + 2x15 MW) Kirney Village of Kalimpong District in West Bengal by M/s West Bengal State Electricity Distribution Company Limited – <b>Terms of Reference (ToR)</b> - Reg.  [Proposal No. IA/WB/RIV/195425/2021; F. No. J-12011/03/2021-IA-I (R)]
Item No. 6.2.5 02:30 PM to 03:00 PM	Bardang Hydro-electric Project (BHEP) of 175MW capacity in district Lahaul&Spiti, Himachal Pradesh by M/s SJVN CORPORATE ENVIRONMENT – <b>Terms of Reference (ToR)</b> - Reg.  [Proposal No. IA/HP/RIV/195302/2021; F. No. J-12011/02/2015-IA-I (R)]
Item No. 6.2.6 03:00 PM to 03:30 PM	Purthi Hydroelectric Project (232 MW Capacity) in district Chamba, Himachal Pradesh by M/s SJVN CORPORATE ENVIRONMENT – <b>Terms of Reference (ToR)</b> - Reg.  [Proposal No. IA/HP/RIV/194468/2021; F. No. J-12011/01/2021-IA-I (R)]
Item No. 6.3 03:30 PM onwards	Any other items with the permission of the Chair

Agenda No.	Project Proponent Organization:  Consultant Organization:  Subject:
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Attendance Sheet:

S.No.	Name	E-mail & Phone Number	Whether 'Video Conference' access is required or not.  (Yes/No)
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Project Proponent:

Name and Phone no. of Coordinator for video-conference:

<b>1.</b>			
<b>2.</b>			
<b>3.</b>			
<b>4.</b>			

Consultants:

<b>5.</b>			
<b>6.</b>			

**List of EAC Committee Members - River Valley & HEP**

<b>S.No.</b>	<b>Name &amp; Organization</b>	<b>Remarks</b>
1.	<b>Dr. K. Gopakumar</b> Professor, Department of Electronic Systems Engineering (Formerly CEDT), Indian Institute of Science, Bangalore-12. E-mail Id: <a href="mailto:kgopa@iisc.ac.in">kgopa@iisc.ac.in</a>	By mail
2.	Dr. N. Lakshman Professor, Dept. of Applied Mechanics, National Institute of Technology Karnataka, SurathkalSrinivasnagar, Mangalore, Karnataka, India 575025. E-mail Id: <a href="mailto:lnand@rocketmail.com">lnand@rocketmail.com</a>	By mail
3.	Dr. Mukesh Sharma Professor, Civil Engg. Department, IIT Kanpur Kanpur 208016, India E-mail Id: <a href="mailto:mukesh@iitk.ac.in">mukesh@iitk.ac.in</a>	By mail
4.	Dr. B.K. Panigrahi Professor, Department of Electrical Engineering Head, Centre for Automotive Research and Tribology(CART), IIT Delhi,New Delhi-110016 E-mail Id: <a href="mailto:bijayaketan.panigrahi@gmail.com">bijayaketan.panigrahi@gmail.com</a>	By mail
5.	Dr. Chandrahas Deshpande, Professor (Economics), Welingkar Institute of Management Development and Research, Mumbai, Maharashtra. E-mail Id: <a href="mailto:chandrahas.deshpande@welingkar.org">chandrahas.deshpande@welingkar.org</a> , <a href="mailto:dchandrahas@gmail.com">dchandrahas@gmail.com</a>	By mail
6.	Dr. A.K. Malhotra C-6, SubhavnaNiketan, Road No. 41, Pitampura, New Delhi – 110 034. E-mail Id: <a href="mailto:ajitkumarmalhotra463@gmail.com">ajitkumarmalhotra463@gmail.com</a>	<b>By Post</b>
7.	Dr. Uday Kumar R. Y. Director, Malviya National Institute of Technology, Jaipur E-mail Id: <a href="mailto:udaykumarry@yahoo.com">udaykumarry@yahoo.com</a> , <a href="mailto:director@mnit.ac.in">director@mnit.ac.in</a>	By mail
8.	Dr. Narayan Shenoy K. Associate Director (Student Welfare) Professor, Department of Civil Engineering M.I.T., Manipal - 576 104 E-mail Id: <a href="mailto:kn.shenoy@manipal.edu">kn.shenoy@manipal.edu</a>	By mail
9.	Shri Balraj Joshi Former CMD NHPC Ltd. Flat No. 406, UrjaVihar, Sector-45, Faridabad-10 e-mail Id: <a href="mailto:balrajjoshi@hotmail.com">balrajjoshi@hotmail.com</a> , <a href="mailto:balrajjoshi@gmail.com">balrajjoshi@gmail.com</a>	By mail

10.	Nominated Member of CEA Representative of Central Electricity Authority (CEA), Sewa Bhawan, R.K. Puram, Sector-I, New Delhi-110 066 E-mail Id: Dirhpa3@gmail.com	By mail
11.	Shri Amrendra Kumar Singh Chief Engineer, CWC, Representative of Central Water Commission (CWC), Sewa Bhawan, R.K. Puram, New Delhi 110 066 E-mail Id: <a href="mailto:ceenvtmgmt@nic.in">ceenvtmgmt@nic.in</a>	By mail
12.	Dr. J.A. Johnson Representative of Wildlife Institute of India (WII), Post Box No.18, Chandrbani, Dehradun- 248001 E-mail Id: <a href="mailto:jaj@wii.gov.in">jaj@wii.gov.in</a>	By mail
13.	Dr. B. K. Das / Dr. Amiya Sahoo, Representative of Central Inland Fisheries Research Institute (CIFRI), Barrakpore, 700120 West Bengal E-mail Id: <a href="mailto:amiya.sahoo@icar.gov.in">amiya.sahoo@icar.gov.in</a> , <a href="mailto:amiya7@gmail.com">amiya7@gmail.com</a>	By mail
14.	Dr. Vijay Kumar Representative of Ministry of Earth Sciences Prithvi Bhawan, IMD Campus, Opp. India Habitat Centre, Lodi Road, New Delhi 110 003. E-mail Id: <a href="mailto:vijay.kumar66@nic.in">vijay.kumar66@nic.in</a>	By mail
15.	Dr. Y. P. Singh Scientist 'E' IA – 1, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110003. E-mail Id: <a href="mailto:yogendra78@nic.in">yogendra78@nic.in</a>	By mail

**Details for Terms of Reference**

**(to be provided in maximum two pages only-*word format*)**

1. Project Overview along – Description of project with respect to project location, project component, cost of project and Study area (Catchment area, Command area, Submergence area, if applicable):
2. Project Components details:
3. Project location (Coordinates)
4. Land requirement (Description on different types of land involved in the proposal with their present status):
5. Details on Submergence Area:
6. Details on Ecological Sensitive Area, if any within 10km of project site (WLS, Tiger/elephant corridor, Critically Pollute Area etc):
7. Project benefit:
8. Status of other statutory clearances.
9. Project cost and Employment Generation:
- 10.R&R details
- 11.Details of consultant
- 12.Detail of court case, if any

**Details for EC Proposal**

**(to be provided in maximum four pages only- word format)**

**1. Project Overview:**

For Hydropower projects

It was noted that the project is proposed on river ----- near village ----- in District ----- of ----- . The project envisages construction of a ----- m high (from river bed level) concrete gravity dam across river ----- to with an installed capacity of -----MW. This is a run-of-the-river scheme. The catchment area of the project is ----- Sq. km. Total land requirement is -----ha, out of which ----- ha is forest land, ----- ha is government land and ----- ha is private land. Total submergence area is about ----- ha. An underground/surface powerhouse is proposed with ----- units of ----- MW capacity each. About ----- families consisting of ----- persons in ----villages are likely to be affected by this project. The total cost of project is about Rs. ----- crores and proposed to be completed in ----- years/months

For Irrigation projects

The project envisages construction of a -----m high & ----- m long dam across ----- river near village ----- in ----- District of -----to provide irrigation facility to ----- ha of area.. ----- tunnels of ----- km long upper level and ----- km long lower level tunnel and ----- km long -----canal -----left/right bank of the river are proposed to constructed. Total land requirement is ----- ha, out of which 5,258 ha is forestland, --- ----- ha government land and ----- ha is private land. Total submergence area is about ----- ha. A total of ----- villages consisting of ----- families are likely to be affected by this project. The total cost of the project is about Rs.----- Crores and it is proposed to be completed in ----- years/months.

**2. Project Components details:**

**3. Project location (Coordinates)**

**4. Land requirement (Description on different types of land involved in the proposal with their present status):**

**5. Details on Submergence Area:**

**6. Details on Ecological Sensitive Area, if any within 10km of project site (WLS, Tiger/elephant corridor, Critically Pollute Area etc):**

**7. Brief description on hydrology and water assessment as per the approved Pre-DPR:**



8. Brief of base line Environment:
  - (Air, noise, water, land)
  - flora and fauna of the project area,
  - aquatic ecology, etc.
  
9. Details on E flow:
  
10. Details on provision of fish pass:
  
11. Brief description on Anticipated Environment Impacts and Mitigation measures:
  
12. Brief note on Risk Management and disaster Management:
  
13. Brief details on Social Impact Assessment and Rehabilitation and Resettlement Plan:
  
14. Environmental Management Plan with budget breakup (Capital & Recurring) in **Tabular form**:
  
15. Project benefit including employment details (no of employee):
  
16. Public hearing details (including brief on the issues raised):
  
17. Status of other statutory clearances.
  
18. Details of consultant engaged in base line data collection and preparation of EIA/EMP report

**(Details for amendment in ToR/EC- word format)**

1. Project Overview along - Details regarding project location, project component, capacity of project (MW), cost of project and Study area (Catchment area, Command area, Submergence area etc.):
  
2. The project was accorded TOR/EC on dated-----.
  
3. An online application for amendment in ToR/EC was submitted on dated\_\_\_\_ requesting the Ministry for an amendment in TOR/EC
  
4. Detail reason for amendment in ToR/EC:
  
5. The comparative statement with reference to earlier proposal and revised proposal is to be given in table format:

S. No.	Details	Original	Revised

**6. Latest Six monthly compliance report**

**Annexure IV (in pdf format on letter head)**

**Name of the project  
Addressed detailed  
e-mail/contact No.**

**Undertaking**

This is to certify that the information provided in Form-1/Form-2/Form-4/Form-5 (whichever is applicable) in physical form and/or in .pdf format [(as applicable) in PARIVESH], to the Ministry/EAC members and PPT presentation during the EAC meeting held on 15.05.2020 have no deviation in respect of the project \_\_\_\_\_.

It is further certified that there are no data entry errors in the information uploaded in PARIVESH system including names/email-id/mobile numbers/address of the project proponent, authorized person, etc.

It is also certified that the supporting documents uploaded on PARIVESH portal are correct and duly authenticated by the authorized signatory.

In case of any deviation in data found in any of the documents, the Authorized Signatory shall be held responsible and furthermore, the above said project shall be rejected for grant of fresh EC/ToR/Amendment in EC. If any deviation is noticed subsequent to grant of fresh EC/ToR/amendment in EC, the same shall be liable to be withdrawn at the cost of the project proponent.

**Authorized Signature**

**Date**