Agenda for 21st meeting of Expert Appraisal Committee (River Valley Projects) to be held on 23rd December, 2021 from 03:00PM – 5:30PM 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 Yogendra Pal Singh, Scientist ‘E’ (yogendra78@nic.in)/ Shri Munna Kumar Shah, Scientist ‘D’ (munna.shah@gov.in) and (ia.rivhep@gmail.com) 21st December, 2021. E-mails of all members are given at the end:
   
   (a) Duly filled Form as per the format given at page 4.
   (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 in between 02:30PM – 02:45PM on 
   23.12.2021 for testing purpose. However, the actual meeting will commencement at 
   03:00PM.

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. 
   8800225088, 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 Yogendra Pal Singh, Scientist ‘E’ 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 21st MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS

DATE : 23rd December, 2021  
TIME : 02:30PM - 05:30PM  
MODE : VIDEO-CONFERENCE  

## Proposals to be considered on 23rd December, 2021

<table>
<thead>
<tr>
<th>Item No. 21.1</th>
<th>Confirmation of the minutes of 20th EAC meeting.</th>
</tr>
</thead>
</table>

## Consideration of Proposals

| Item No. 21.2 | Yerravaram Pumped Storage Hydro Electric Project (1200MW) in an area of 297.69ha located at village Ganagula, Tehsil Koyyuru, District Visakhapatnam, Andhra Pradesh by M/s New and Renewable Energy Development Corporation of Andhra Pradesh Ltd. (NREDCAP) – Terms of Reference - reg.  
[Proposal No. IA/AP/RIV/243855/2021; F. No. J-12011/24/2021-IA.I (R)] |
<table>
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<tbody>
<tr>
<td>Item No. 21.3</td>
<td>Any other items with the permission of the Chair</td>
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<tr>
<td>03:00 PM to 04:00 PM</td>
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<tr>
<td>04:00 PM onwards</td>
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<thead>
<tr>
<th>Agenda No.</th>
<th>Project Proponent Organization:</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Consultant Organization:</td>
</tr>
<tr>
<td></td>
<td>Subject:</td>
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</tbody>
</table>

## Attendance Sheet:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>E-mail &amp; Phone Number</th>
<th>Whether ‘Video Conference’ access is required or not.</th>
</tr>
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<tbody>
<tr>
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<td>(Yes/No)</td>
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</table>

## Project Proponent:

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

1.
2.
3.
4.

## Consultants:

5.
6.
# List of EAC Committee Members - River Valley & HEP

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name &amp; Organization</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| 1.    | **Dr. K. Gopakumar**  
Professor  
Department of Electronic Systems Engineering (Formerly CEDT), Indian Institute of Science, Bangalore-12.  
E-mail Id: kgopa@iisc.ac.in | By mail |
| 2.    | **Dr. N. Lakshman**  
Professor  
Dept. of Applied Mechanics, National Institute of Technology Karnataka, Surathkal Srinivasnagar, Mangalore, Karnataka – 585025  
E-mail Id: lnand@rocketmail.com | By mail |
| 3.    | **Dr. Mukesh Sharma**  
Professor  
Civil Engg. Department, IIT Kanpur  
Kanpur– 208016  
E-mail Id: mukesh@iitk.ac.in | 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: bijayaketon.panigrahi@gmail.com | By mail |
| 5.    | **Dr. Chandrahas Deshpande**  
Professor (Economics) Welingkar Institute of Management Development and Research, Mumbai, Maharashtra.  
E-mail Id: chandrahas.despande@welingkar.org, dchandrahas@gmail.com | By mail |
| 6.    | **Dr. A. K. Malhotra**  
Plot No.33, Sector – 11, Dwarka, New Delhi  
(Near Gate No. 1 of Metro Station, Sector – 11 Dwarka)  
and  
C-6, Subhavna Niketan, Road No. 41, Pitampura, New Delhi – 110 034.  
E-mail Id: ajitkumarmalhotra463@gmail.com | By Post |
| 8.    | **Dr. Uday Kumar R. Y.**  
Director, Malviya National Institute of Technology, Jaipur  
E-mail Id: udaykumarry@yahoo.com, director@mnit.ac.in | By mail |
| 8.    | **Dr. Narayan Shenoy K.**  
Associate Director (Student Welfare)  
Professor, Department of Civil Engineering  
M.I.T., Manipal - 586 104  
E-mail Id: kn.shenoy@manipal.edu | By mail |
| 9.    | **Shri Balraj Joshi**  
Former CMD NHPC Ltd.  
Flat No. 406, Urja Vihar, Sector-45, Faridabad-10  
E-mail Id: balrajjoshi@hotmail.com, balrajjoshi@gmail.com | By mail |
| 10.   | **Shri Sharvan Kumar, Chief Engineer**  
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 |
<p>| 11.   | <strong>Shri Amarendra Kumar Singh</strong> | By mail |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td>Dr. J.A. Johnson, Representative of Wildlife Institute of India (WII), Post Box No.18, Chandrbani, Dehradun – 248001</td>
</tr>
<tr>
<td>13.</td>
<td>Dr. B. K. Das / Dr. Amiya Sahoo, Representative of Central Inland Fisheries Research Institute (CIFRI), Barrakpore – 800120, West Bengal</td>
</tr>
<tr>
<td>14.</td>
<td>Dr. Vijay Kumar, Representative of Ministry of Earth Sciences, Prithvi Bhawan, IMD Campus, Opp. India Habitat Centre, Lodi Road, New Delhi - 110 003.</td>
</tr>
</tbody>
</table>

E-mail Ids: 
- ceenvtmgmt@nic.in
- jaj@wii.gov.in
- amiya.sahoo@icar.gov.in, amiya8@gmail.com
- vijay.kumar66@nic.in
- yogendra78@nic.in

By mail
Annexure I

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
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 longdam 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
Annexure III

(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:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Details</th>
<th>Original</th>
<th>Revised</th>
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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 23.12.2021 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