



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**IA Division**  
**(River Valley and Hydroelectric Projects)**



**AGENDA OF 24TH MEETING OF THE EXPERT APPRAISAL COMMITTEE ON**

<b>Agenda ID</b>	EC/AGENDA/EAC/181295/2/2025
<b>Agenda Creation Date</b>	06/02/2025
<b>Title of Meeting</b>	AGENDA OF 24TH MEETING OF THE EXPERT APPRAISAL COMMITTEE ON
<b>Meeting Mode</b>	Physical
<b>Meeting Venue</b>	INDIRA PARYAVARAN BHAWAN, MOEF&CC, NEW DELHI.
<b>Meeting Date</b>	<b>Start Date :</b> 14/02/2025 <b>End Date :</b> 14/02/2025

	<b>Meeting Date</b>	<b>Meeting Mode</b>	<b>Start Time</b>	<b>End Time</b>
Day 1	14/02/2025	Physical	10:30 AM	05:30 PM

**List of Proposals**

<b>Sr. No.</b>	<b>Proposal Details</b>	<b>Location</b>	<b>Meeting Date</b>	<b>Proponent</b>
1	<b>Proposal No</b> :IA/GJ/RIV/518636/2025 <b>File No</b> :J-12011/06/2025-IA.I (R) <b>Project Name</b> :Dharoi Off-Stream Open loop Pumped Storage Hydro Electric Project (500 MW) <b>Proposal For</b> : Fresh ToR <b>Activity</b> : 1(c) River Valley/Irrigation projects <b>Sector</b> : RIV	<b>State</b> : GUJARAT <b>District</b> : BANAS KANTHA	14/02/2025	GUJARAT STATE ELECTRICITY CORPORATION LIMITED

2	<b>Proposal No</b> :IA/GJ/RIV/517599/2025 <b>File No</b> :J-12011/07/2025-IA.I (R) <b>Project Name</b> :Sukhi Off-Stream Open loop Pumped Storage Project (500 MW) <b>Proposal For</b> : Fresh ToR <b>Activity</b> : 1(c) River Valley/Irrigation projects <b>Sector</b> : RIV	<b>State</b> : GUJARAT <b>District</b> : CHHOTAUDEPUR	14/02/2025	GUJARAT STATE ELECTRICITY CORPORATION LIMITED
3	<b>Proposal No</b> :IA/TN/RIV/519675/2025 <b>File No</b> :J-12011/08/2025-IA.I (R) <b>Project Name</b> :Development of 1000 MW (4x250 MW) Upper Bhavani Pumped Storage Project <b>Proposal For</b> : Fresh ToR <b>Activity</b> : 1(c) River Valley/Irrigation projects <b>Sector</b> : RIV	<b>State</b> : TAMIL NADU <b>District</b> : THE NILGIRIS	14/02/2025	NTPC TAMILNADU ENERGY COMPANY LIMITED
4	<b>Proposal No</b> :IA/UP/RIV/499183/2024 <b>File No</b> :J-12011/27/2024-IA-I(R) <b>Project Name</b> :Proposed Pachnad Major Irrigation Scheme <b>Proposal For</b> : Fresh ToR <b>Activity</b> : 1(c) River Valley/Irrigation projects <b>Sector</b> : RIV	<b>State</b> : UTTAR PRADESH <b>District</b> : AURAIYA	14/02/2025	Office of the Chief Engineer (Ramganga)

#### Any Other Item(s)

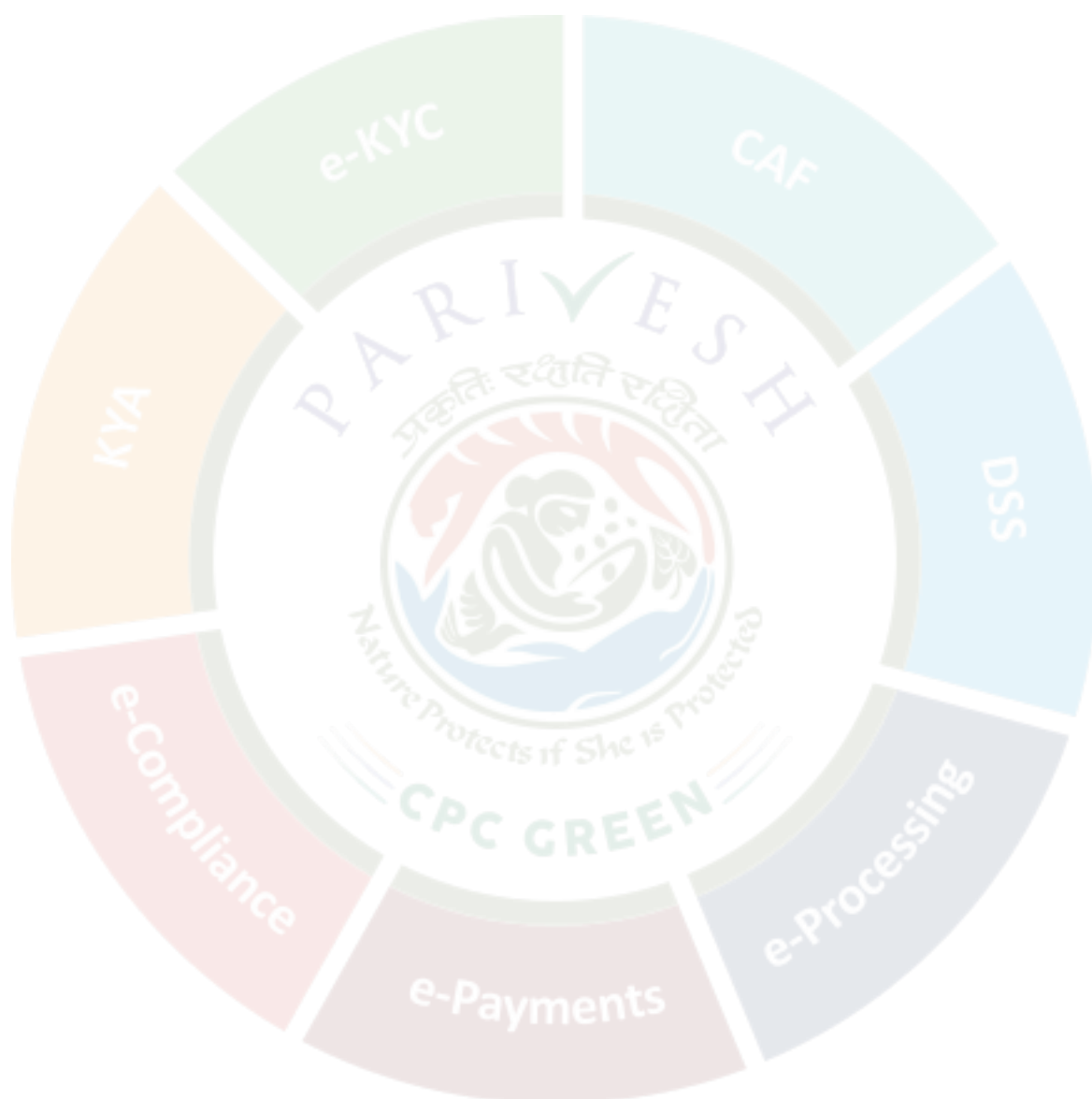
Sr. No.	Proposal Name.	Proposal Details	Location
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#### Expert Appraisal Committee Members Details

Sr. No.	Name	Designation	Email ID
1	Prof G J Chakrapani	Chairman, EAC	cha*****@gmail.com
2	Dr Mukesh Sharma	Member (EAC)	muk***@iitk.ac.in
3	Dr Uday Kumar R Y	Member (EAC)	uda*****@yahoo.com
4	Dr J A Johnson	Member (EAC)	jaj@wii.gov.in
5	Dr J V Tyagi	Member (EAC)	jvt*****@gmail.com
6	Shri Kartik Sapre	Member (EAC)	kar*****@gmail.com
7	Shri Ajay Kumar Lal	Member (EAC)	akl****@gmail.com
8	Dr A K Sahoo	Member (EAC)	ami***@gmail.com

9	Shri Rajeev Varshney	Member	rva*****@gov.in
10	Shri Balram Kumar	Member	emo***@nic.in
11	Yogendra Pal Singh	Scientist - F	yog*****@nic.in

<b>Remarks</b>	<b>AGENDA FOR 24<sup>TH</sup> MEETING OF EXPERT APPRAISAL COMMITTEE</b>
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**AGENDA FOR 24<sup>TH</sup> MEETING OF EXPERT APPRAISAL COMMITTEE (RIVER VALLEY & HYDRO-ELECTRIC PROJECTS) TO BE HELD ON 14<sup>TH</sup> FEBRUARY, 2025 FROM 10:30 AM – 02:30 PM AT MOEF&CC, INDIRA PARYAVARAN BHAWAN, NEW DELHI.**

**Instructions to Project Proponents:**

1. The EAC meeting will be held through Physical Mode.
2. Project Proponents shall send the following through e-mail to all members immediately by **10<sup>th</sup> February, 2025 failing which the proposal shall not be considered for meeting**. E-mails of all members are mentioned below with Agenda.
  - a. Duly filled in Agenda Form given at page No. 4.
  - b. Basic Information in the Formats given at page Nos. 7-24.
  - c. Executive Summary of the project along with Annexures I, II, III, IV V, and VI (as applicable) given at the end failing submission which the proposal shall not be considered for meeting.
  - d. .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.).
  - e. Presentation (.pdf to all members, PPT format to EAC Secretariat officials **(Shri Yogendra Pal Singh, Scientist 'E' & Member Secretary ([yogendra78@nic.in](mailto:yogendra78@nic.in))/ Dr. Krishnendu Mondal, Scientist 'D' ([krishnendu.mondal@gov.in](mailto:krishnendu.mondal@gov.in))/ [ia.rivhep@gmail.com](mailto:ia.rivhep@gmail.com)**).
  - f. Duly filled Undertaking at pg. 25.
  - g. 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 consideration in the EAC meeting** and to be followed strictly as the time slot given is limited.
4. The project proponents may kindly treat this as official communication and may not wait for separate letter (s) from MoEF&CC. For any clarification, Shri Yogendra Pal Singh, Scientist 'E' at 011- 20819364 may be contacted.
5. A short duration videography of the project area is to be presented before the EAC for better understanding of the project site, if available.
6. The project proponents should submit, PPT, EIA/EMP, Executive Summary, Public Hearing proceedings and 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.

7. Hardcopies of the DPR or the detailed EIA, EMP, etc. need not be sent to the EAC members. The project proponents should submit only an Executive Summary (it should not normally exceed 25 pages) along with PPTs in soft copy to EAC members.
8. 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.
9. The Consultant/ EIA Coordinator shall include an undertaking in the EIA report that the prescribed ToR have been complied with and that the data submitted is factually correct and also an undertaking shall be submitted owning the contents (information and data) of the EIA report
10. In addition to the above information, an affidavit/undertaking is required to be submitted by the Project Proponent to the Ministry to the effect, namely:
  - a. That there is no construction done at the site or the construction done without any deviation as per previous EC obtained (Ref.)
  - b. Affidavit should also submit that there is no litigation on the project either at NGT or any other court of Law.
  - c. The land has been purchased by ..... / allotted by Development authority.
  - d. The land is in our possession and there is no R&R issue.
  - e. There is no difference in the documents submitted i.e., Form 1, 1A, Conceptual Plan, Form-2, EIA/EMP report and presentation being made to the EAC.
  - f. Locations of the project are not clashing-overlapping/close proximity to any other projects.
  - g. Reason for submitting the project at MoEF&CC.
11. Any changes/modification with respect to the Agenda, Venue etc., would be conveyed through the Portal only. Please keep checking 'PARIVESH PORTAL' (<https://parivesh.nic.in>) for updates.
12. Mobile Phone should be kept on switched off/silent mode during the meeting.



## AGENDA OF 24<sup>TH</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS

**DATE : 14<sup>TH</sup> FEBRUARY, 2025**

**TIME : 10:30 AM – 02:30 PM**

**MODE : PHYSICAL MODE**

Confirmation of the minutes of 23 <sup>rd</sup> EAC meeting.	
Agenda Item No. 24.1  10:30 AM to 11:15 AM	Dharoi Open loop Pumped Storage Hydro Electric Project (500 MW) in an area of 146.12 Ha located at Village Jorapura, Umedpura and Vaghva-Mandva, Sub District Danta and Satlasana, District Banas Kantha and Mahesana, Gujarat by M/s Gujarat State Electricity Corporation Limited – <b>Terms of Reference (TOR)</b> - reg.  <b>[Proposal No. IA/GJ/RIV/518636/2025; F. No. J-12011/06/2025-IA.I (R)]</b>
Agenda Item No. 24.2  11:15 AM to 12:00 PM	Sukhi Open loop Pumped Storage Project (500 MW) in an area of 191.53 Ha located at Village Bar, Dhanpur, Dungarvant, Raypur, Sub District Jetpur Pavi, District Chota Udaipur, Gujarat by M/s Gujarat State Electricity Corporation Limited – <b>Terms of Reference (TOR)</b> - reg.  <b>[Proposal No. IA/GJ/RIV/517599/2025; F. No. J-12011/07/2025-IA.I (R)]</b>
Agenda Item No. 24.3  12:00 PM to 12:45 PM	Upper Bhavani Open loop Pumped Storage Project (1000 MW) in an area of 167.85 Ha located at Village Mulligur, Sub District Kundah, District The Nilgiris, Tamil Nadu by M/s NTPC Tamilnadu Energy Company Limited– <b>Terms of Reference (TOR)</b> - reg.  <b>[Proposal No. IA/TN/RIV/519675/2025; F. No. J-12011/08/2025-IA.I (R)]</b>
Agenda Item No. 24.4  12:45 PM to 01:30 PM	Proposed Pachnad Major Irrigation Scheme (CCA : 24,328 Ha) in an area of 24328 Ha located at village Sadhrapur, Sub-District and District Auraiya, Uttar Pradesh by M/s Irrigation and Water Resource Department, Kanpur, Uttar Pradesh State – <b>Terms of References (TOR)</b> - reg.  <b>[Proposal No. IA/UP/RIV/499183/2024; F. No. J-12011/27/2024-IA-I(R)]</b>
Agenda Item No. 24.5  01:30 PM onwards	Any other items with the permission of the Chair

**Agenda Form:**

Agenda No.	Project Proponent Organization:		
	Consultant Organization:		
	Subject:		
Attendance Sheet:			
S. No.	Name	E-mail & Phone Number	Whether 'Video Conference' access is required or not.  (Yes/No)
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**

<b>S. No.</b>	<b>Name &amp; Organization</b>	<b>Role</b>	<b>E-mail</b>
1.	<b>Prof. G. J. Chakrapani</b> Professor Department of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand	<b>Chairman</b>	govind.chakrapani@es.iitr.ac.in, chakrapani.govind@gmail.com,
2.	<b>Dr. Udaykumar R. Y.</b> Professor (HAG) Department of Electrical and Electronics Engineering NITK, Surathkal – 575 025	Member	udaykumarry@yahoo.com, udayakumarry@gmail.com, udaya@nitk.edu.in,
3.	<b>Dr. Mukesh Sharma</b> Professor Civil Engg. Department, IIT Kanpur Kanpur – 208 016	Member	mukesh@iitk.ac.in,
4.	<b>Dr. J V Tyagi</b> Former Director National Institute of Hydrology I-1, Solani Enclave, New Adarsh Nagar, Roorkee – 247667 Uttarakhand	Member	jv_tyagi@yahoo.com, jvtyagi62@gmail.com,
5.	<b>Shri Kartik Sapre</b> Chief Executive Narmada Samagra Nyas “Nadi ka Ghar”, Senior MIG – 2, Ankur Colony, Shivaji Nagar, Bhopal - 462016	Member	kartiksapre@gmail.com, Kssapre@gmail.com,
6.	<b>Shri Ajay Kumar Lal</b> 260, Phase II, Vasant Vihar Colony, Dehradun, Uttarakhand – 248 006	Member	aklal87@gmail.com,
7.	<b>Shri Rajeev Varshney</b> (Director, HPA) Representative of Central Electricity Authority (CEA), Sewa Bhawan, R. K. Puram, Sector-I, New Delhi - 110 066	Member	rvarshney.cea@gov.in
8.	<b>Shri Balram Kumar</b> Representative of Central Water Commission (CWC), Sewa	Member	emodte@nic.in



	Bhawan, R. K. Puram, New Delhi - 110 066		
9.	<b>Dr. J.A. Johnson, Scientist - F</b> Representative of Wildlife Institute of India (WII), Post Box No.18, Chandrabani, Dehradun – 248 001, Uttarakhand	Member	jaj@wii.gov.in
10.	<b>Dr B. K. Das, Director</b>  <b>Dr. A. K. Sahoo, Senior Scientist</b>  Representative of Central Inland Fisheries Research Institute (CIFRI), Barrakpore – 800 120, West Bengal	Member	basantakumard@gmail.com , amiya7@gmail.com
11.	<b>Shri Yogendra Pal Singh</b> Scientist 'E' Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003.	Member Secretary	yogendra78@nic.in

**Details for Terms of Reference****(To be provided in only-word format)****1. EAC Meeting Details:**

EAC meeting/s	
Date of Meeting/s	
Date of earlier EAC meetings	

**2. Project details:**

Name of the Proposal	
Location (Including coordinates)	
Inter- state issue involved	
Seismic zone	

**3. Category details:**

Category of the project	
Provisions	
Capacity / Cultural command area (CCA)	
Attracts the General Conditions (Yes/No)	
Additional information (if any)	

**4. Electricity generation capacity:**

Powerhouse Installed Capacity	
Generation of Electricity Annually	
No. of Units	
Additional information (if any)	

**5. ToR/EC Details:**

Cost of project	
Total area of Project	
Height of Dam from River Bed (EL)	
Length of Tunnel/Channel	
Details of Submergence area	
Types of Waste and quantity of generation during construction/ Operation	
E-Flows for the Project	

Is Projects earlier studies in Cumulative Impact assessment & Carrying Capacity studies (CIA&CC) for River in which project located. If yes, then a) E-flow with TOR /Recommendation by EAC as per CIA&CC study of River Basin.  b) If not the E-Flows maintain criteria for sustaining river ecosystem.	
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**6. Muck Management Details:**

No. of proposed disposal area/(type of land-Forest/Pvt. land)	
Muck Management Plan	
Monitoring mechanism for Muck Disposal	

**7. Land Area Breakup:**

Private land	
Government land/Forest Land	
Submergence area/Reservoir area	
Land required for project components	
Additional information (if any)	-

**8. Presence of Environmentally Sensitive areas in the study area**

Forest Land/ Protected Area/ Environmental Sensitivity Zone	Yes/No	Details of Certificate/letter/Remarks
Reserve Forest/Protected Forest Land		
National Park		
Wildlife Sanctuary		

**9. Court case details:**

Court Case	
Additional information (if any)	

**10. Affidavit/Undertaking details:**

Affidavit/Undertaking	
Additional information (if any)	

**11. Previous EC compliance and necessary approvals:**

Particulars	Letter no. and date
Certified EC compliance report (if applicable)	

Status of Stage- I FC	
Additional detail (If any)	
<b>Is FRA (2006) done for FC-I</b>	

## 12. Miscellaneous

Particulars	Details
Details of consultant	
Project Benefits	
Status of other statutory clearances	
R&R details	
Additional detail (If any)	

**Date:**

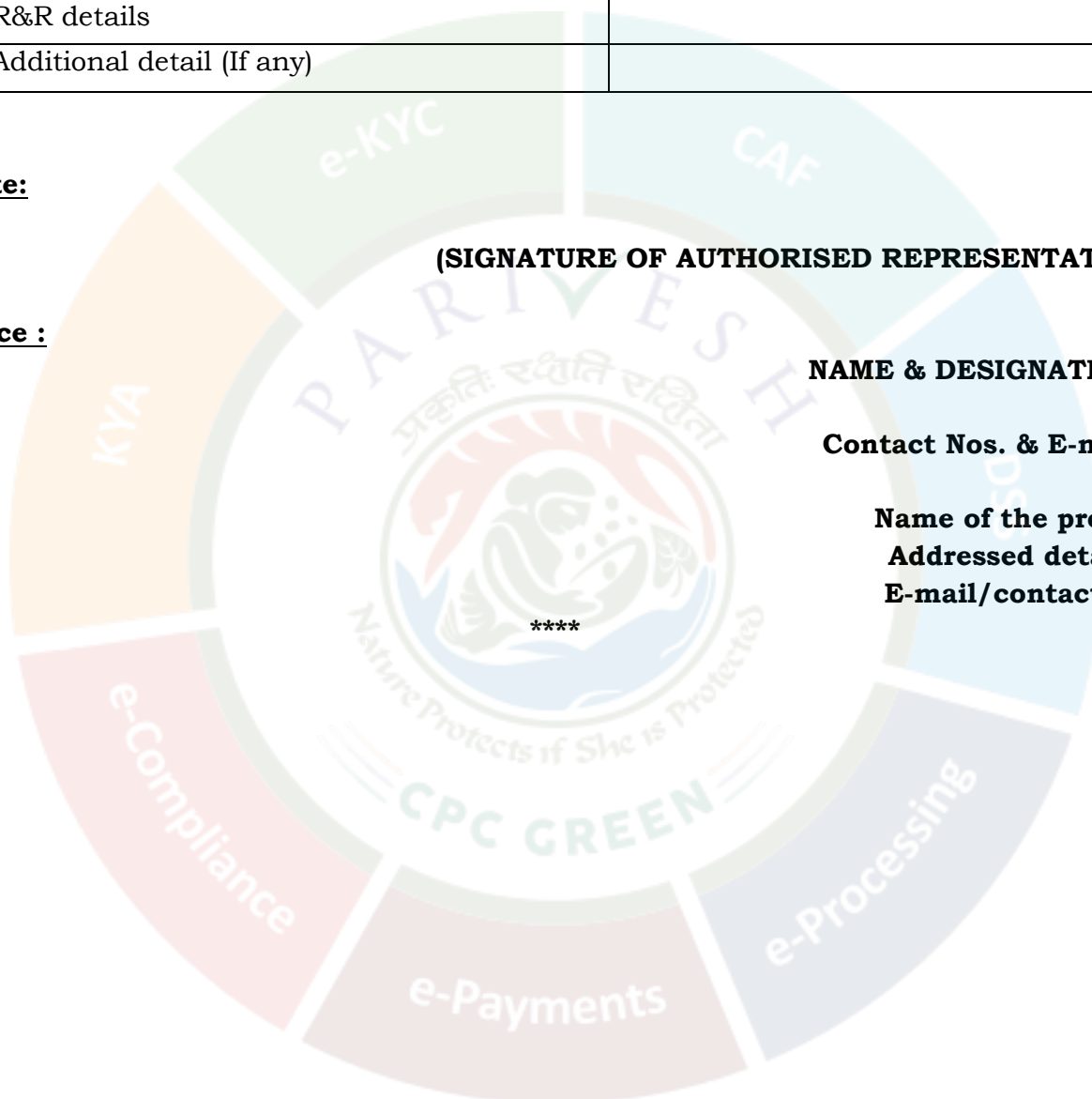
**(SIGNATURE OF AUTHORISED REPRESENTATIVE)**

**Place :**

**NAME & DESIGNATION :**

**Contact Nos. & E-mail :**

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



## Details for EC Proposal

(To be provided in only word format)

## 1. EAC Meeting Details:

EAC meeting/s	
Date of Meeting/s	
Date of earlier EAC meetings	

## 2. Project details:

Name of the Proposal	
Proposal No.	
Location (Including Coordinates)	
Company's Name	
CIN no. of Company/user agency	
Accredited Consultant and certificate no.	
Project location (Coordinates /River/ Reservoir)	
Inter- state issue involved	
Proposed on River/ Reservoir	
Type of Hydro-electric project	
Seismic zone	

## 3. Category details:

Category of the project	
Capacity / Cultural command area (CCA)	
Attracts the General Conditions (Yes/No)	
Additional information (if any)	

## 4. ToR/EC Details:

ToR Proposal No.	
EAC meeting date	
ToR Letter No.	
ToR grant Date	
Cost of project	
Total area of Project	
Height of Dam from River Bed (EL)	
Details of submergence area	
District to provide irrigation facility (if applicable)	
Details of tunnels on upper level & lower level and length of canal (if applicable)	
No. of affected Village.	



No. of Affected Families	
Project Benefits	
R&R details	
Catchment area/ Command area	
Types of Waste and quantity of generation during construction/Operation	
Material used for blasting and its composition as per DGMS standards.	
E-Flows for the Project	
Is Projects earlier studied in Cumulative Impact assessment & Carrying Capacity studies(CIA&CC) for River in which project located. If yes then c) E-flow with TOR/Recommendation by EAC as per CIA&CC study of River Basin. d) If not the E-Flows maintain criteria for sustaining river ecosystem.	
Details on provision of fish pass	
Project benefit including employment details (no of employee)	
Area of Compensatory Afforestation (CA) with tentative no of plantation.	
Previous EC details	
EC Compliance Report by R.O, MOEF&CC	

**5. Electricity generation capacity:**

Powerhouse Installed Capacity	
Generation of Electricity Annually	
No. of Units	

**6. Muck Management Details:**

No. of proposed disposal area/ (type of land- Forest/Pvt land)	
Cross section of proposed muck area, Height of muck with slope.	
Distance of muck disposal area(location), from muck generation sources (project area)/River, HFL of proposed muck disposal area.	
Total Muck Disposal Area	
Estimate Muck to be generated	
Transportation	
Monitoring mechanism for Muck Disposal Transportation	

**7. Land Area Breakup:**

Private land	
Government land/Forest Land	
Submergence area/Reservoir area	
Land required for project components	

## 8. Presence of Environmentally Sensitive areas in the study area

Forest Land/ Protected Area/ Environmental Sensitivity Zone	Yes/No	Details of Certificate/ letter/Remarks
Reserve Forest/Protected Forest Land		
National Park		
Wildlife Sanctuary		
Archaeological sites monuments/historical temples etc		
Additional information (if any)	-	

## Availability of Schedule-I species in study area

## 9. Public Hearing (PH) Details

Advertisement for PH with date	
Date of PH	
Venue	
Chaired by	
Main issues raised during PH	
No. of people attended	

## 10. Brief of base line Environment:

Particulars	Details
Period of baseline data collection/Sampling period.	
(Air, noise, water, land)	
flora and fauna of the project area, aquatic ecology, etc.	
Brief description on hydrology and water assessment as per the approved Pre-DPR:	
Additional detail (If any)	

## 11. Court case details:

Court Case	
Additional information (if any)	

## 12. Status of other statutory clearances

Particulars	Letter no. and date
Status of Stage- I FC	
Approval of Central Water Commission	
Approval of Central Electricity Authority	
Additional detail (If any)	
<b>Is FRA (2006) done for FC-I</b>	

### 13. Details of the EMP

Activities	Capital cost (Crores)	Recurring cost (Lakhs/ annum)

### 14. ADS details (If any)

S. No	ADS Point	Reply

**Date:**

**(SIGNATURE OF AUTHORISED REPRESENTATIVE)**

**Place :**

**NAME & DESIGNATION :**

**Contact Nos. & E-mail :**

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

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(Details for amendment in ToR/EC- word format)**1. EAC Meeting Details:**

EAC meeting/s	
Date of Meeting/s	
Date of earlier EAC meetings	

**2. Project details:**

Name of the Proposal	
Proposal No.	
Location (Including Coordinates)	
Company's Name	
CIN no. of Company/user agency	
Accredited Consultant, Validity and certificate no.	
Project location (Coordinates /River/ Reservoir)	
Inter- state issue involved	

**3. Category details:**

Category of the project	
Capacity / Cultural command area (CCA)	
Attracts the General Conditions (Yes/No)	
Additional information (if any)	

**4. ToR/EC Details:**

Earlier EC Proposal No.	
Earlier EAC meeting date	
EC Letter No.	
EC grant Date	
Cost of project	
Total area of Project	
Date of online application for amendment in ToR/EC was	
Details of CTE/CTO	

**5. Electricity generation capacity:**

Powerhouse Installed Capacity	
Generation of Electricity Annually	
No. of Units	

**6. Detail reason for amendment in ToR/EC:**

**7.** The comparative statement with reference to earlier proposal and revised proposal is to be given in table format:

S. No.	Details	Original	Revised

**8. Court case details:**

Court Case	
Additional information (if any)	

**9. ADS details (If any)**

S. No	ADS Point	Reply

**Date:**

**(SIGNATURE OF AUTHORISED REPRESENTATIVE)**

**Place :**

**NAME & DESIGNATION :**

**Contact Nos. & E-mail :**

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

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(To be provided in word format)

**Subject:** ..... - **Environmental Clearance/ToR - reg.****[Proposal NO....., F.NO.....]**

The Project Proponent and the accredited Consultant M/s. ...., made a detailed presentation on the salient features of the project and informed that:

- i. The proposal is for environmental clearance/ToR to the project for ..... located at ..... by M/s. ....
- ii. The project proposal was considered by the Expert Appraisal Committee (Hydro River Valley Sector) in its .....<sup>th</sup> meeting held during ..... and recommended for grant of Terms of References (ToRs) for the Project. The ToR has been issued by Ministry vide letter No.J.....; dated .....**(In case of EC Proposal)**
- iii. The project is listed at S.N. .... of the Schedule to the Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
- iv. The geographical co-ordinate of the project are .....
- v. Ministry had issued EC earlier vide letter no. ....; dated ..... to the existing project... ..... in favour of M/s. ....**( in Expansion case/if applicable).**
- vi. The ..... Project envisages construction of:
- vii. **Land requirement:**
- viii. **Demographic details in 10 km radius of project area:**
- ix. **Water requirement:**
- x. **Project Cost:** The estimated project cost is Rs..... including existing investment of Rs..... crores. Total capital cost earmarked towards environmental pollution control measures is Rs..... and the Recurring cost (operation and maintenance) will be about Rs..... per annum.
- xi. **Project Benefit:** Total Employment will be .... persons as direct & ..... persons indirect after expansion. Industry proposes to allocate Rs..... @ of ..... % towards CER (as per Ministry's OM dated....).
- xii. **Environmental Sensitive area:** There are ..... national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body..... is flowing at a distance of .....in.....direction.

- xiii. **MoU / any other clearance/ permission signed with State government:**
- xiv. **Resettlement and rehabilitation:**
- xv. **Scheduled –I species:**
- xvi. **Alternative Studies:**
- xvii. **Baseline Environmental Scenario: (Applicable for EC proposals)**

Period	From ----- to -----
AAQ parameters at -- locations (min. & Max.)	<ul style="list-style-type: none"> <li>• PM<sub>10</sub> = -- to -- µg/m<sup>3</sup></li> <li>• PM<sub>2.5</sub> = -- to -- µg/m<sup>3</sup></li> <li>• SO<sub>2</sub> = -- to -- µg/m<sup>3</sup></li> <li>• NO<sub>x</sub> = -- to -- µg/m<sup>3</sup>.</li> <li>• CO = ---- to ---- mg/m<sup>3</sup></li> <li>• NH<sub>3</sub>=</li> <li>• Pb=</li> <li>• As =</li> <li>• Ni=</li> </ul>
Incremental GLC Level	<ul style="list-style-type: none"> <li>• PM<sub>2.5</sub> = Max. GLC : ---- µg/m<sup>3</sup></li> <li>• PM<sub>10</sub> = Max. GLC : ---- µg/m<sup>3</sup></li> <li>• SO<sub>2</sub> = Max GLC: ---- µg/m<sup>3</sup></li> <li>• NO<sub>x</sub> = Max GLC: ---- µg/m<sup>3</sup></li> </ul>
River water samples (--- samples)	<p>pH ---to ---, Dissolved Oxygen: ---to --- mg/lit; Total Dissolved Solids: ---to --- mg/lit; Total Hardness (as CaCO<sub>3</sub>): ---to --- mg/lit &amp; total Alkalinity (asCaCO<sub>3</sub>): ---to --- mg/lit; Calcium (as Ca): ---to --- mg/lit; Magnesium (as Mg) : ---to --- mg/lit ; Oil and grease: ---to --- (mg/lit); Sulphate (as SO<sub>4</sub>): ---to --- mg/lit , Nitrate (asNO<sub>3</sub>) : ---to --- mg/lit; Chloride (as Cl) : ---to --- mg/lit; Iron (as Fe): ---to --- mg/lit; BOD ---to --- mg/lit;</p> <p>Heavy metals like Copper (as Cu), Lead (as Pb), Cadmium(as Cd),Chromium (as Cr), Manganese (as Mn), Arsenic (as As) and Mercury(as Hg) :</p>
Pond water samples quality at -- locations	<p>pH: ---to ---; Dissolved Oxygen: ---to --- mg/lit; Total Dissolved Solids: ---to --- mg/lit; total Hardness (as CaCO<sub>3</sub>): ---to --- mg/lit; Total Alkalinity(asCaCO<sub>3</sub>): ---to --- mg/lit; Calcium (as Ca): ---to --- mg/lit; Magnesium (as Mg): ---to --- mg/lit; Oil and grease: ---to --- (&lt;1.4 mg/lit); Sulphate (asSO<sub>4</sub>): ---to --- mg/lit, Nitrate (as NO<sub>3</sub>): ---to --- mg/lit; Chloride (as Cl): ---to --- mg/lit; Iron (as Fe): ---to --- mg/lit;</p> <p>Heavy metals like Copper (as Cu), Lead (as Pb), Cadmium(as Cd),Chromium (as Cr), Manganese (as Mn), Arsenic (as As) and Mercury(as Hg) :</p>

Ground Water samples at -- locations	pH: ---to ---; Dissolved Oxygen: ---to --- mg/lit; Total Dissolved Solids: ---to --- mg/lit; total Hardness (as CaCO <sub>3</sub> ): ---to --- mg/lit; Total Alkalinity(asCaCO <sub>3</sub> ): ---to --- mg/lit; Calcium (as Ca): ---to --- mg/lit; Magnesium (as Mg): ---to --- mg/lit; Oil and grease: ---to --- (<1.4 mg/lit); Sulphate (asSO <sub>4</sub> ): ---to --- mg/lit, Nitrate (as NO <sub>3</sub> ): ---to --- mg/lit; Chloride (as Cl): ---to --- mg/lit; Iron (as Fe): ---to --- mg/lit;  Heavy metals like Copper (as Cu), Lead (as Pb), Cadmium(as Cd),Chromium (as Cr), Manganese (as Mn), Arsenic (as As) and Mercury(as Hg) :
Noise levels Leq (Day & Night) at -- locations	The Leq values for day time was observed to be ---to --- dB (A) in residential area, while during night time ---to --- dB (A).
Soil Quality at -- Locations	Bulk density: ---to --- gm/cm <sup>3</sup> ; pH range ---to ---; Electrical conductivity (EC); ---to --- $\mu$ hos/cm; calcium content: ---to --- mg/kg; sodium: ---to --- mg/kg; potassium: ---to --- mg/kg; Nitrogen: ---to --- mg/kg; Phosphorous: ---to --- mg/kg; Cation Exchange Capacity (CEC): ---to --- meq/100gm; Magnesium: ---to --- mg/kg; Sulphur: ---to --- mg/kg; Organic Matter: ---to ---
Flora & Fauna	Schedule-I species observed in the study area:

- xviii. Details of Solid waste/ Hazardous waste generation/ Muck and its management.....
- xix. Public Hearing for the proposed project has been conducted by the State Pollution Control Board on .....The main issues raised during the public hearing are related to.....**(Applicable for EC proposals)**
- xx. Details of Certified compliance report submitted by RO, MoEF&CC. **(In case of expansion Proposal).**
- xxi. Status of Litigation Pending against the proposal, if any.
- xxii. The silent features of the project are as under:-

\*\*\*\*\*

(To be provided in word format)

**Format for brief summary for EC/ToR Amendment**

The proposal is for amendment in the **Terms of Reference/Environmental Clearance** granted by the Ministry vide letter dated.....for the project ..... located at ..... in favour of M/s .....

2. The project proponent has requested for amendment in the ToR/EC with the details are as under;

S. No.	Para of ToR/EC issued by MoEF&CC	Details as per the ToR/EC	To be revised/ read as	Justification/ reasons

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**(To be provided in word format)**

Checklist/Facts of the \_\_\_\_\_ (project name)

(For Terms of Reference Project)

S. No.	Particulars	Details	
1.	Date of application		
2.	Name of the project and project proponent		
3.	Applicable schedule and category of the Project as per EIA, 2006		
4.	In case of consideration of Category B project	<b>Reasons for consideration (as applicable)</b> General condition Absence of SEIAA/SEAC	<b>Details (as applicable)</b>  
5.	Details of any Inter-linked/Integrated project if any  (in terms of the MoEF&CC O.M. dated 24/12/2010)		
6.	Location of the project	Village: Taluk/Tehsil: District: State/UT:	
7.	<b>Land details:</b> Total land area of the project & area of land acquired	Total land area: Area of Land acquired:	
8.	Project site proximity to sensitive area i. Habitation ii. School iii. River/Waterbody iv. Forest v. Archaeological Survey of India (ASI) protected site vi. Any other		
9.	Involvement of Forest land if any. Status of FC land approval under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 as per Ministry's O.M. dated 9/9/2011 & its subsequent amendments		
10.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/		



S. No.	Particulars	Details
	biosphere reserve/ tiger reserve/ elephant reserve etc. within 10 km radius of project site	
11.	Whether there is any requirement of CRZ clearance?	Yes/ No
12.	Critically Polluted Area/Severely Polluted a. Involvement of CPA/SPA b. Proximity to CPA/SPA	
13.	Status of baseline data collection	
14.	Any other important issue relevant to the project:	Court case: Site specific issue: Interstate issue if any Specific ToRs by EAC if any with respect to above:
15.	Date of consideration by the EAC	
16.	Recommendations of EAC	<p><u>Following scenarios as applicable:</u></p> <p>Recommended with public consultation (public hearing &amp; written submissions)</p> <p>Recommended with public consultation (Written submissions only)</p> <p>Reasons for exempting public hearing: (To be recorded by the Member Secretary)</p> <p>Recommended with exemption of public consultation</p> <p>Reasons for exempting public consultation: (To be recorded by the Member Secretary)</p>

Checklist/Facts of the \_\_\_\_\_ (project name)

**(To be provided in word format)**

(For Environmental Clearance Project)

Sl. No	Particular	Comments/Remarks	
1.	Date of application		
2.	Name of the project and project proponent		
3.	Applicable schedule and category of the Project as per EIA, 2006		
4.	In case of consideration of Category B project	<b>Reasons for consideration (as applicable)</b>	<b>Details (as applicable)</b>
		General condition	
		Absence of SEIAA/SEAC	
5.	Details of Inter-linked/Integrated project if any (in terms of the MoEF&CC O.M. dated 24/12/2010)		
<b>A. Site and land details (including DSS analysis, wherever applicable)</b>			
6.	Location of the project	Village: Taluk/Tehsil: District: State/UT:	
7.	<b>Land details:</b> Total land area of the project & area of land acquired	Total land area: Area of Land acquired	
	In case entire land not acquired, whether adequate documents related to land acquisition furnished (in terms of MoEF&CC O.M. dated 7/10/2014)	Yes/No	
8.	Project site proximity to sensitive area i. Habitation ii. School iii. River/Waterbody iv. Forest v. Archaeological Survey of India (ASI) protected site vi. Any other		

Sl. No	Particular	Comments/Remarks
9.	Compliance of MoEF&CC OM dated 14/02/2022 regarding sitting of Industries in close proximity of river.	Yes/ No
10.	Whether adequate environmental safeguards provided to address the environmental concerns arising out of proximity to sensitive areas.	Yes/ No
11.	Involvement of Forest land if any. Status of FC land approval under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 as per Ministry's O.M. dated 9/9/2011 & its subsequent amendments	
12.	Any ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. within 10 km radius of project site.  Whether applied for SCNBWL as per MoEF&CC O.M. dated 17/05/2022	
13.	Critically Polluted Area/Severely Polluted a. Whether project located in CPA/SPA b. Distance of project from CPA/SPA c. Whether additional environmental safeguards have been proposed as per MoEF&CC O.M. dated 31/10/2019, 30/12/2019 & 05/07/2022	
14.	Whether there is any requirement of CRZ?	Yes/ No  If yes details thereof
<b>B. Project details</b>		
15.	Whether R&R details incorporated (as applicable)	
16.	Water requirement and status of permission from the Competent Authority	
17.	Project cost	
18.	Employment opportunities	
<b>C. EIA report</b>		
19.	Date of issuance of ToR & amendment issued if any and validity period of ToR	
20.	i. Baseline data collection period (as per MoEF&CC O.M. dated 8/6/2022) ii. Validity of baseline data	

Sl. No	Particular	Comments/Remarks
21.	Status of wildlife conservation plan (in case of presence of schedule I species)	
22.	Public consultation <ul style="list-style-type: none"> <li>i. Details of advertisement given</li> <li>ii. Date of public consultation</li> <li>iii. Venue</li> <li>iv. Designation of Presiding Officer</li> <li>v. Whether the commitments in public hearing form part of specific conditions/ EMP as per MoEF&amp;CC OM dated 30/09/2020 and 25/02/2021</li> </ul>	
23.	Proposed environmental safeguards <ul style="list-style-type: none"> <li>i. Special Effluent/ Emission measurement devices that have been installed</li> <li>ii. Special Pollution Control / Abatement Devices that have been installed/proposed to be installed</li> <li>iii. How does the Technology compare with the Best Available Technology in the field?</li> </ul>	
24.	Extent of Green Belt developed/proposed?	
25.	Financial outlay towards EMP (Capital & recurring per annum)	
26.	(i) Whether Consultant is accredited under QCI/NABET? Validity of accreditation. (OM dated 30.09.2011) (ii) Whether the EIA/ EMP report was prepared by the same consultant who is presenting	
<b>D. Miscellaneous</b>		
27.	Whether any Court case/litigation is pending relevant to the project	
28.	Any other issue relevant to the project	
<b>E. Consideration of EAC</b>		
29.	Date(s) of Appraisal by EAC (all dates)	
30.	Date of final recommendation by the EAC	
31.	Recommendation of the EAC (Grant / Reject)	

**(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 14.02.2025 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**