



Government of India

Ministry of Environment, Forest and Climate Change

IA Division

(River Valley and Hydroelectric Projects)



AGENDA OF 18TH MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS

Agenda ID	EC/AGENDA/EAC/145876/10/2024
Agenda Creation Date	23/10/2024
Title of Meeting	AGENDA OF 18TH MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS
Meeting Mode	Virtual
Meeting Venue	N/A
Meeting Date	Start Date : 05/11/2024 End Date : 05/11/2024

Meeting Date	Meeting Mode	Start Time	End Time
Day 1 05/11/2024	Virtual	10:30 AM	05:30 PM

List of Proposals

Sr. No.	Proposal Details	Location	Meeting Date	Proponent
1	Proposal No : IA/MH/RIV/459818/2024 File No : J-12011/16/2024-IA-I(R) Project Name : Khadakwasala Fursungi Tunnel Project Substitute to New Mutha Right Bank Canal KM 1 to Km 34 Proposal For: Fresh ToR Activity: 1(c) River Valley/Irrigation projects Sector: RIV	State: MAHARASHTRA District: PUNE	05/11/2024	EXECUTIVE ENGINEER IPI DIVISION BSB PUNE

2	Proposal No : IA/UP/RIV/499183/2024 File No : J-12011/27/2024-IA-I(R) Project Name : Proposed Pachnad Major Irrigation Scheme Proposal For: Fresh ToR Activity: 1(c) River Valley/Irrigation projects Sector: RIV	State: UTTAR PRADESH District: AURAIYA	05/11/2024	Office of the Chief Engineer (Ramganga)
3	Proposal No : IA/MH/RIV/498608/2024 File No : J-12011/63/2023-IA.I (R) Project Name : Proposed Pane Pumped Storage Project with the capacity of 1500 MW at Villages: Pane and Vagheri, Taluka: Mahad, District: Raigad, and Village: Khanu, Taluka: Velhe, District: Pune, Maharashtra by JSW Energy PSP Seven Limited. Proposal For: Amendment in ToR Activity: 1(c) River Valley/Irrigation projects Sector: RIV	State: MAHARASHTRA District: RAIGAD	05/11/2024	JSW ENERGY PSP SEVEN LIMITED
4	Proposal No : IA/RJ/RIV/498320/2024 File No : J-12011/20/2019-IA.I (R) Project Name : Construction of SUKHPURA OFF-STREAM CLOSED LOOP PUMPED STORAGE PROJECT (OCPSP) -2560 MW by M/s Greenko Energies Private Limited, in District -Chittorgarh, Rajasthan. Proposal For: Amendment in ToR Activity: 1(c) River Valley/Irrigation projects Sector: RIV	State: RAJASTHAN District: CHITTORGARH	05/11/2024	GREENKO ENERGIES PRIVATE LIMITED

Any Other Item(s)

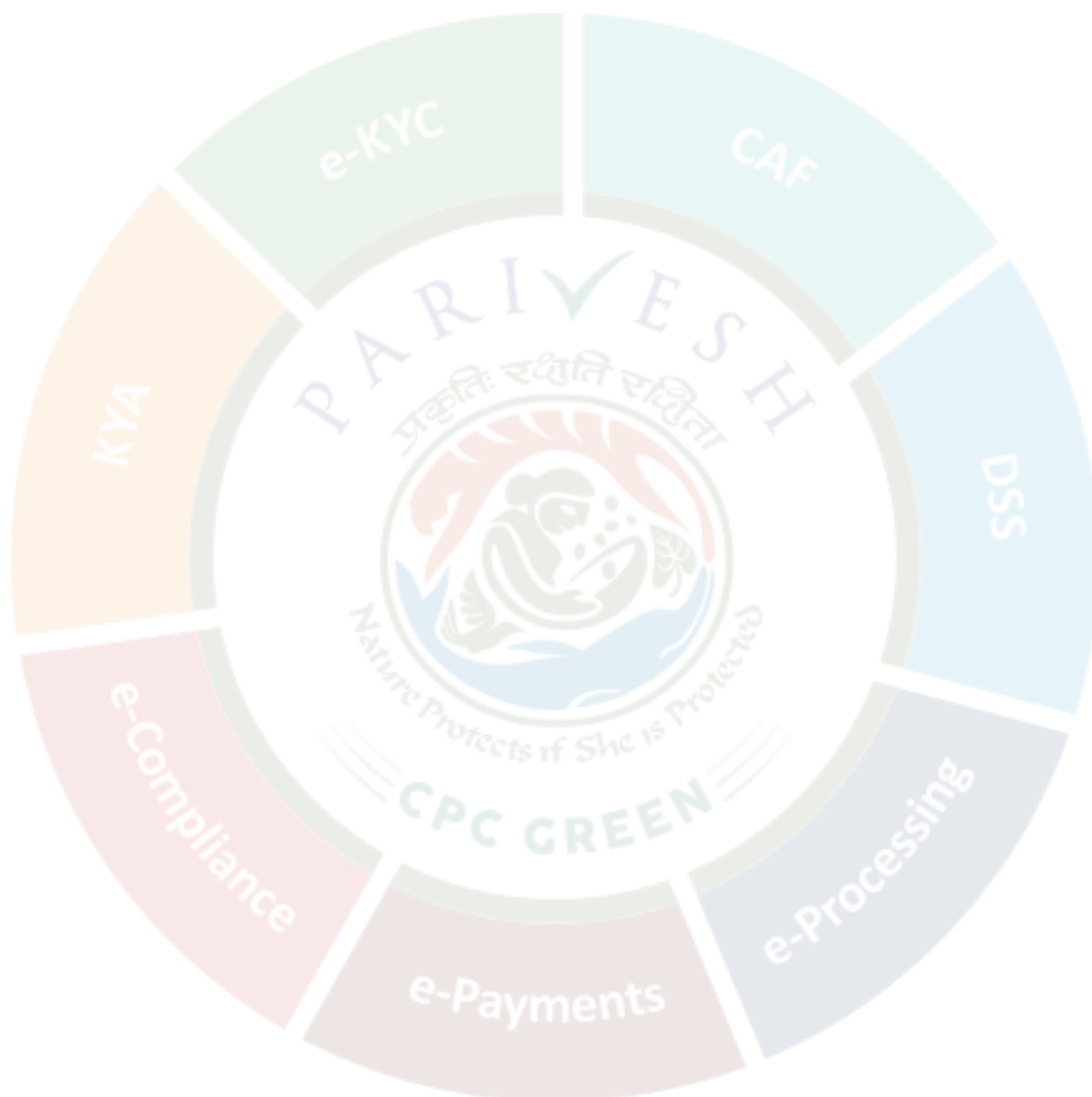
Sr. No.	Proposal Name.	Proposal Details	Location
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Expert Appraisal Committee Members Details

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 Piyush Ranjan	Member	emo***@nic.in
11	Yogendra Pal Singh	Scientist E	yog*****@nic.in

Remarks	Agenda
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AGENDA FOR 18TH MEETING OF EXPERT APPRAISAL COMMITTEE (RIVER VALLEY & HYDRO-ELECTRIC PROJECTS) TO BE HELD ON 05TH NOVEMBER, 2024 FROM 10:30 AM – 05:30 PM THROUGH VIDEO CONFERENCE.

Instructions to Project Proponents:

1. The EAC meeting will be held through Virtual Mode.
2. Project Proponents shall send the following through e-mail to all members immediately by **01st November, 2024 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. 7-19.
 - 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)/ Dr. Krishnendu Mondal, Scientist 'D' (krishnendu.mondal@gov.in)/ ia.rivhep@gmail.com**).
 - f. Duly filled in Undertaking at pg.20.
 - 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 18TH MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS

DATE : 05TH NOVEMBER, 2024
TIME : 10:30 AM – 05:30 PM
MODE : VIRTUAL MODE

Confirmation of the minutes of 17 th EAC meeting.	
Agenda Item No. 18.1 10:30 AM to 11:15 AM	Khadakwasala Fursungi Tunnel Project Substitute to New Mutha Right Bank Canal KM 1 to Km 34 in an area of 23.8364 Ha located at Village Akole, Rui etc, Sub-district Indapur, Haveli, Pune City, etc, District Pune, Maharashtra by M/s Executive Engineer Ipi Division Bsb Pune – Reconsideration for Terms of References (TOR) - reg. [Proposal No. IA/MH/RIV/459818/2024; F. No. J-12011/16/2024-IA-I(R)]
Agenda Item No. 18.2 11:15 AM to 12:00 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 – Terms of References (TOR) - reg. [Proposal No. IA/UP/RIV/499183/2024; F. No. J-12011/27/2024-IA-I(R)]
Agenda Item No. 18.3 12:00 PM to 12:45 PM	Pane Open Loop Pumped Storage Project of capacity 1500 MW in an area of 290.87 ha at Villages Khanu, Pane and Vagheri, Taluka Mahad and Velhe, District Raigad and Pune Maharashtra by M/s JSW Energy PSP Seven Limited – Amendment for Terms of References (TOR) – reg. [Proposal No. IA/MH/RIV/498608/2024; F. No. J-12011/63/2023-IA.I (R)]
Agenda Item No. 18.4 12:45 PM to 01:30 PM	Sukhpura Off-Stream Closed Loop Pumped Storage Project (OCPSP)-2560 MW in an area of 788.6761Ha in Village Sukhpura, Lakshmikhara, and Nahargarh etc., Sub District Rawatbhata, District Chittaurgarh, Rajasthan by M/s Avaada Hydropower Battery Private Limited – Amendment for Terms of References (TOR) – reg. [Proposal No. IA/RJ/RIV/498320/2024; F. No. J-12011/20/2019-IA-I]
Agenda Item No. 18.5 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

S. No.	Name & Organization	Role	E-mail
1.	Prof. G. J. Chakrapani Professor Department of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand	Chairman	govind.chakrapani@es.iitr.ac.in, chakrapani.govind@gmail.com,
2.	Dr. Udaykumar R. Y. Professor (HAG) Department of Electrical and Electronics Engineering NITK, Surathkal – 575 025	Member	udaykumarry@yahoo.com, udayakumarry@gmail.com, udaya@nitk.edu.in,
3.	Dr. Mukesh Sharma Professor Civil Engg. Department, IIT Kanpur Kanpur – 208 016	Member	mukesh@iitk.ac.in,
4.	Dr. J V Tyagi 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.	Shri Kartik Sapre 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.	Shri Ajay Kumar Lal 260, Phase II, Vasant Vihar Colony, Dehradun, Uttarakhand – 248 006	Member	aklal87@gmail.com,
7.	Shri Rajeev Varshney (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.	Shri Piyush Ranjan Representative of Central Water Commission (CWC), Sewa	Member	emodte@nic.in

	Bhawan, R. K. Puram, New Delhi - 110 066		
9.	Dr. J.A. Johnson, Scientist - F Representative of Wildlife Institute of India (WII), Post Box No.18, Chandrabani, Dehradun – 248 001, Uttarakhand	Member	jaj@wii.gov.in
10.	Dr B. K. Das, Director Dr. A. K. Sahoo, Senior Scientist Representative of Central Inland Fisheries Research Institute (CIFRI), Barrakpore – 800 120, West Bengal	Member	basantakumard@gmail.com , amiya7@gmail.com
11.	Shri Yogendra Pal Singh 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)	
Is FRA (2006) done for FC-I	

12. Miscellaneous

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

Date:

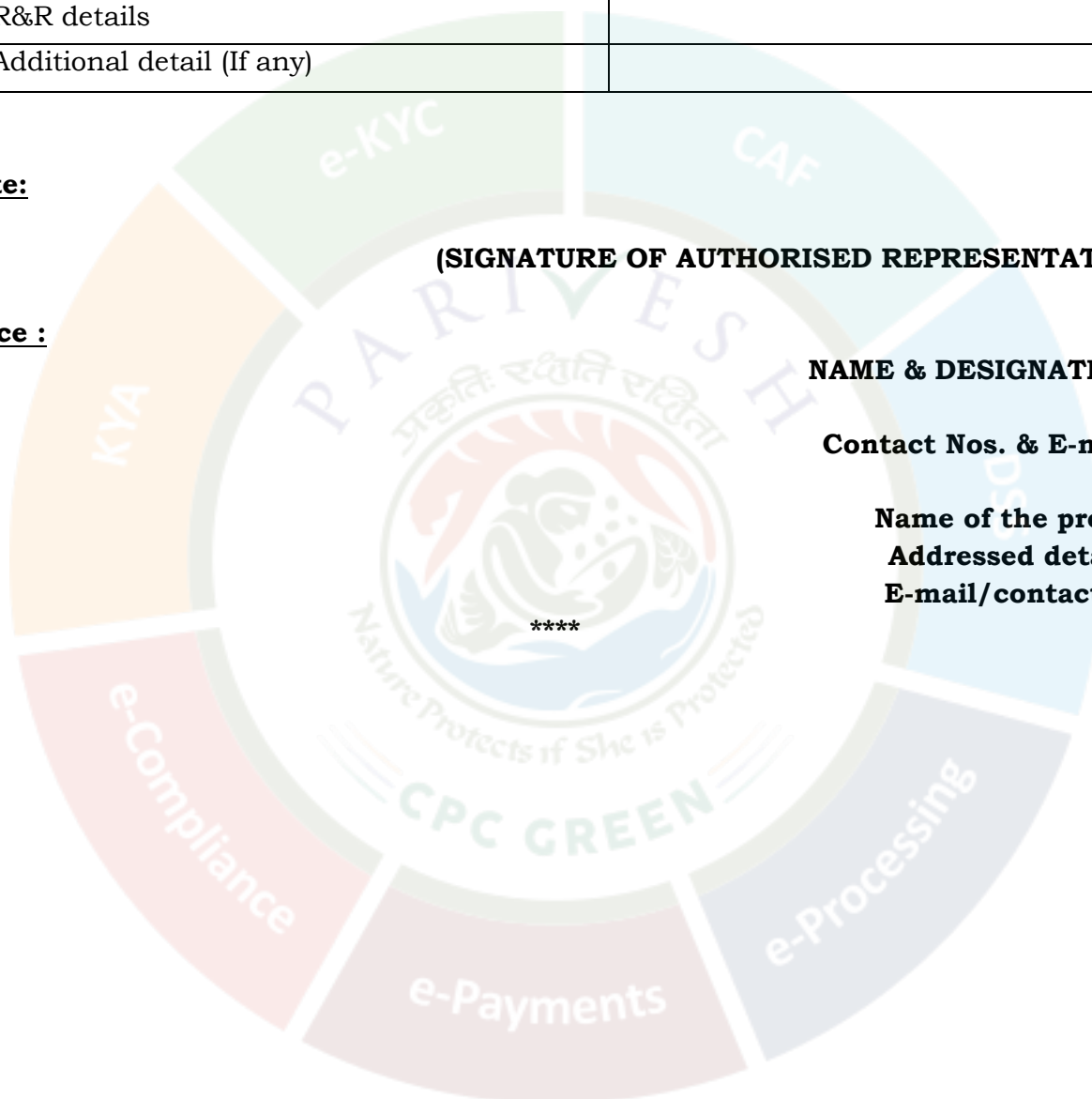
(SIGNATURE OF AUTHORISED REPRESENTATIVE)

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)	
Is FRA (2006) done for FC-I	

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.**

(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.**

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 itsth 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 ofin.....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"> • PM₁₀ = -- to -- µg/m³ • PM_{2.5} = -- to -- µg/m³ • SO₂ = -- to --µg/m³ • NO_x = -- to -- µg/m³. • CO = ---- to ---- mg/m³ • NH₃= • Pb= • As = • Ni=
Incremental GLC Level	<ul style="list-style-type: none"> • PM_{2.5} = Max. GLC : ---- µg/m³ • PM₁₀ = Max. GLC : ---- µg/m³ • SO₂ = Max GLC: ---- µg/m³ • NO_x = Max GLC: ---- µg/m³
River water samples (--- samples)	<p>pH ---to ---, Dissolved Oxygen: ---to --- mg/lit; Total Dissolved Solids: ---to --- mg/lit; Total Hardness (as CaCO₃): ---to --- mg/lit & total Alkalinity (asCaCO₃): ---to --- mg/lit; Calcium (as Ca): ---to --- mg/lit; Magnesium (as Mg) : ---to --- mg/lit ; Oil and grease: --- to --- (mg/lit); Sulphate (as SO₄): ---to --- mg/lit , Nitrate (asNO₃) : ---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 CaCO₃): ---to --- mg/lit; Total Alkalinity(asCaCO₃): ---to --- mg/lit; Calcium (as Ca): ---to -- - mg/lit; Magnesium (as Mg): ---to --- mg/lit; Oil and grease: ---to - -- (<1.4 mg/lit); Sulphate (asSO₄): ---to --- mg/lit, Nitrate (as NO₃): ---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 --	<p>pH: ---to ---; Dissolved Oxygen: ---to --- mg/lit; Total Dissolved Solids: ---to --- mg/lit; total Hardness (as CaCO₃): ---to --- mg/lit; Total Alkalinity(asCaCO₃): ---to --- mg/lit; Calcium (as Ca): ---to --</p>

locations	- mg/lit; Magnesium (as Mg): ---to --- mg/lit; Oil and grease: ---to --- (<1.4 mg/lit); Sulphate (asSO ₄): ---to --- mg/lit, Nitrate (as NO ₃): ---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 ³ ; pH range ---to ---; Electrical conductivity (EC); ---to --- µmhos/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 onThe 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:-

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

(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 05.11.2024 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