

Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division)



Agenda of Expert Appraisal Committee

Meeting ID	: IA/RIV/13560/17/10/2023
Meeting Venue	: MOEF&CC, INDIRA PARYAVARAN BHAWAN, NEW DELHI
Meeting Type	: Physical
Agenda Generation Date	: 16-10-2023

The following proposals are being considered for deliberation in the Expert Appraisal Committee as per the schedule given below :

Meeting Schedule :

S.No	Meeting date	St. ZUIRT PA	Time (From)	Time (To)	
1	17 Oct 2023	Constant and	10:00 AM	17:30 PM	
			12		
Date of M	leeting : 17-10-2023				

Date of Meeting : 17-10-2023

	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/UK/RIV/4 1642/2016	-	Jakhol Sankri Hydroelectric Project	SJVN Limited	Tehsil: Mori District: Uttarkashi State: Uttarakhand	EC

Any Other Item with Permission of Chairman: She is

-	Proposal No.	File No.	Proposal Name	Company Name	Location	Remarks
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List of EAC Member :

S.No	Members Name	Designation	Email_ID
1	Dr. K. Gopakumar	Chairman (Non-Official)	kgopa@iisc.ac.in
2	Dr. N. Lakshman	Member (Non-Official)	Inand@rocketmail.com
3	Dr. Mukesh Sharma	Member (Non-Official)	mukesh@iitk.ac.in
4	Dr. B.K. Panigrahi	Member (Non-Official)	bijayaketan.panigrahi@gmail.co m
5	Dr. Chandrahas Deshpande	Member (Non-Official)	chandrahas.despande@welingka r.org
6	Dr. A.K. Malhotra	Member (Non-Official)	ajitkumarmalhotra463@gmail.co m
7	Dr. Uday Kumar R. Y.	Member (Non-Official)	udaykumarry@yahoo.com
8	Dr. Narayan Shenoy K.	Member (Non-Official)	kn.shenoy@manipal.edu
9	Shri Sharvan Kumar	Member (Official) Representative of Central Electricity Authority (CEA)	krsharvan@nic.in
10	Dr. B. K. Das / Dr. Amiya Sahoo	Member (Official) Representative of Central Inland Fisheries Research Institute	amiya.sahoo@icar.gov.in
11	Shri Ashok Kumar Kharya	Member (Official) Representative of Central Water Commission (CWC)	ceenvtmgmt@nic.in
12	Dr. J.A. Johnson	Member (Official) Representative of Wildlife Institute of India (WII)	jaj@wii.gov.in
13	Dr. Vijay Kumar	Member (Official), Representative of Ministry of Earth Sciences	vijay.kumar66@nic.in

14 Shri Yogendra Pal Singh Member Secretary yogendra78@n	nic.in
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AGENDA FOR 1ST MEETING OF EXPERT APPRAISAL COMMITTEE (RIVER VALLEY & HYDRO-ELECTRIC PROJECTS) TO BE HELD ON 17TH - 18TH OCTOBER, 2023 AT MOEF&CC, INDIRA PARYAVARAN BHAWAN, NEW DELHI.

Instructions to Project Proponents:

- Project Proponents shall send the following through e-mail to all members immediately by 13th October, 2023. E-mails of all members are given at page No. 6-7:
 - (a) Duly filled in Agenda Form given at page No. 5.
 - (b) Basic Information in the Formats given at page Nos. 8-21.
 - (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. Saurabh Upadhyay, Scientist 'C' (saurabh.upadhyay85@gov.in)/ ia1.thermal@gmail.com.
 - (f) Duly filled in Undertaking at pg.22
 - (g) Copy of Valid NABET-QCI Certificate of Consultants
- 2. 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.
- 3. 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 011-20819364 may be contacted.
- 4. A short duration videography of the project area is to be presented before the EAC for better understanding of the project site, if available.
- 5. 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.
- 6. 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 hard form to EAC members.
- 7. 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.

8. Mobile Phone should be kept on switched off/silent mode during the meeting.

AGENDA OF 1st MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS AT MOEF&CC, INDIRA PARYAVARAN BHAWAN, NEW DELHI.

DATE	:	17 TH - 18 th OCTOBER, 2023
TIME	:	10:30 AM – 05:30 PM
MODE	:	PHYSICAL MODE

Agenda ItemProposal to be consider in 1st EAC MeetingNo.1.1

	17 th October, 2023
Agenda Item No. 1.2 10:30 AM to	Vijayanagar Pump Storage Project (130 MW) in an area of 127.54 ha at Village Kurekuppa, Sub District Sandur, District Ballari, Karnataka by M/s JSW Energy PSP Two Limited – Environmental Clearance (EC) – reg.
12:00 PM	[Proposal No. IA/KA/RIV/444768/2023; F. No. J-12011/05/2022-IA.I (R)]
Agenda Item No. 1.3	Brahmani Pumped Storage Project (600 MW) in an area of 284.95 ha at Village Rayata, Sub District Begun, District Chittaurgarh, Rajasthan by M/s Acme Cleantech Solutions Private Limited – Terms of References (TOR) – reg.
12:00 PM to 01:00 PM	[Proposal No. IA/RJ/RIV/445044/2023; F. No. J-12011/50/2023-IA.I (R)]
	LUNCH BREAK 01:00 PM to 02:00 PM
Agenda Item No. 1.4 02:00 PM to 03:00 PM	Hasdeo Bango Pumped Storage Hydro-electric Project (1200 MW) in an area of 145 ha at Village Khirati, Tehsil Morga Road, Podi-Uparoda, District Korba, Chhattisgarh by M/s Chhattisgarh State Power Generation Company Limited – Terms of References (TOR) – reg. [Proposal No. IA/CG/RIV/444952/2023; F. No. J-12011/51/2023-IA.I (R)]
Agenda Item No. 1.5 03:00 PM to 04:00 PM	 Tarali Off Stream Open Loop Pumping Storage Project (1500 MW) in an area of 150.74 ha at Village Kalambe, Jalu, Nivade and Tondoshi, Sub District Patan, District Satara, Maharashtra by M/s Adani Green Energy Limited – Amendment in Terms of References (TOR) – reg. [Proposal No. IA/MH/RIV/443150/2023; F. No. J-12011/52/2023-IA.I (R)]
Agenda Item No. 1.6	Ramial Left Bank Close Loop Pumped Storage Project (1500 MW) in an area of 335.25 ha at Village Godikansa and Godinarda, Tehsil Telkoi, District Keonjhar, Odisha by M/s Renew Solar Power Private Limited- Reconsideration for Terms
04:30 PM to 05:00 PM	of References (TOR) – reg. [Proposal No. IA/OR/RIV/438758/2023; F. No. J-12011/40/2023-IA.I (R)]

Agenda Item	Jakhol Sankri Hydro Electric Project (44 MW) in an area of 39.99Ha in Village &
No. 1.7	Tehsil Mori District Uttarkashi, Uttarakhand by M/s SJVN Ltd
	Reconsideration of Environmental Clearance (EC) – reg.
05:00 PM to	
05:30 PM	[Proposal No. IA/UK/RIV/41642/2016; F. No. J-12011/07/2016-IA.I (R)]
	18 th October, 2023
Agenda Item No. 1.9 10:30 AM to	Cumulative Impact Assessment and Carrying Capacity Study (CIA & CCS) of Yamuna River Basin in Uttarakhand by Indian Council of Forestry Research and Education (ICFRE), Dehradun – Modifications of Terms of Reference (TOR) -
11:30 AM	reg.
Agenda Item No. 1.10	Cumulative Impact Assessment and Carrying Capacity Study (CIA & CCS) of Yamuna River Basin in Himachal Pradesh by Indian Council of Forestry Research
11:30 AM to 12:30 PM	and Education (ICFRE), Dehradun - Status of study report -reg.
Agenda Item	
No. 1.11	Cumulative Impact Assessment and Carrying Capacity Study (CIA & CSS) of Sutlej River Basin Study in Himachal Pradesh by Indian Council of Forestry Research
12:30 PM to 01:30 PM	and Education (ICFRE), Dehradun - Reconsideration of Study Report - reg.
	LUNCH BREAK 01:00 PM to 02:00 PM
Agenda Item No. 1.12	Cumulative Impact Assessment and Carrying Capacity Study (CIA & CCS) of Tirap Basin. Inclusion of Chinglum Hydroelectric Project in Subansiri Basin –
02:30 PM to	Conducting study – reg.
03:30 PM	
Agenda Item No. 1.13	Proposal for conducting Cumulative Impact Assessment (CIA) & Carrying Capacity Study (CCS) of Ravi River Basin in Himachal Pradesh – Consideration of
03:30 PM to 04:30 PM	proposal – reg.
Agenda Item No. 1.14	
04:30 PM to 05:30 PM	Discussion on requirement of CIA/CSS for small hydro power projects – reg.
Agenda Item No. 1.15 05:30 PM	Any other items with the permission of the Chair
onwards	

Agenda Form:

Agenda No.	Project Pr	oponent Organization	1:	
0	5			
	Consultar	nt Organization:		
	Subject:			
Attendance SI	heet:			
S.No.	Name	E-mail & Phone Number	Whether 'Video required or not.	Conference' access is
			(Yes/No)	
Project Propor	nent:			
Name and Pho	one no. of (Coordinator for video-	conference:	
1.				
2.				
3.				
4.				
Consultants:	1	1		I
5.				

List of EAC Committee Members - River Valley & HEP

S. No.	Name & Organization	Role	Remarks
1.	Prof. G. J. Chakrapani	Chairman	By mail
	Professor		U
	Department of Earth Sciences,		
	Indian Institute of Technology Roorkee,		
	Roorkee, Uttarakhand		
	E-mail Id: <u>govind.chakrapani@es.iitr.ac.in</u> /		
	chakrapani.govind@gmail.com		
2.	Dr. Uday Kumar R. Y.	Member	By mail
	Professor (HAG)		5
	Department of Electrical and Electronics Engineering		
	NITK, Surathkal - 575025		
	E-mail Id: <u>udaykumarry@yahoo.com</u> /		
	udayakumarry@gmail.com/udaya@nitk.edu.in		
3.	Dr. Mukesh Sharma	Member	By mail
	Professor		5
	Civil Engg. Department, IIT Kanpur		
	Kanpur – 208 016		
	E-mail Id: mukesh@iitk.ac.in		
4.	Shri Janardan Choudhary	Member	By mail
	Ex Director (Technical)		
	NHPC Ltd.		
	House No. L-91, Jal Vidyut Apartments, Sector – 21C,		
	Faridabad – 121001		
	E-mail Id: janardan.choudhary@gmail.com		
5.	Dr. J V Tyagi	Member	By mail
0.	Former Director	member	Dy man
	National Institute of Hydrology		
	I-1, Solani Enclave, New Adarsh Nagar, Roorkee – 247667		
	Uttarakhand		
	E-mail Id: jv_tyagi@yahoo.com		
6.	Shri Kartik Sapre	Member	By mail
0.	Chief Executive	Wielinder	By man
	Narmada Samagra Nyas "Nadi ka Ghar",		
	Senior MIG – 2, Ankur Colony, Shivaji Nagar,		
	Bhopal - 462016		
	E-mail Id: narmadasamagra@gmail.com		
	kartiksapre@gmail.com		
7.	Shri Ajay Kumar Lal	Member	By mail
1.	260, Phase II, Vasant Vihar Colony,	WICHIDEI	Dy man
	Dehradun, Uttarakhand – 248 006		
	E-mail Id: <u>aklal87@gmail.com</u>		
0		Manahan	Dry modil
8.	Representative of Central Electricity Authority (CEA),		By mail
	Sewa Bhawan, R. K. Puram, Sector-I, New Delhi - 110 066		
0	Depresentative of Control Water Conversion (OWO)	Marri	D '1
9.	Representative of Central Water Commission (CWC),	Member	By mail
	Sewa Bhawan, R. K. Puram, New Delhi - 110 066		
		1	

10.	Representative of Wildlife Institute of India (WII), Post Box No.18, Chandrabani, Dehradun – 248 001, Uttarakhand		By mail
11.	Representative of Central Inland Fisheries Research Institute (CIFRI), Barrakpore – 800 120, West Bengal	Member	By mail
12.	Shri Yogendra Pal Singh Scientist 'E' Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003. E-mail Id: <u>yogendra78@nic.in</u>		By mail

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.	

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-<u>word format</u>)

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 Afforded Formilian	
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	
Details on provision of fish pass	
Project benefit including employment details	
(no of employee)	
Area of Compensatory Afforestation (CA) with	
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		
	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-<u>word format</u>)

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	

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.....]

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.
- 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. Ministry had issued EC earlier vide letter no.; dated to the existing project... in favour of M/s.(in Expansion case/if applicable).
- v. Existing land area is $\dots m^2$, additional $\dots m^2$ land will be used for proposed expansion.
- vi. Industry has already developed / will develop greenbelt in an area of 33 $\%\,$ i.e., m^2 out of total area of the project.
- vii. 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.
- viii. 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....).
- ix. 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.
- x. Ambient air quality monitoring was carried out at locations during to and the baseline data indicates the ranges of concentrations as: PM10 (...-µg/m3), PM2.5 (...-...µg/m3), SO2 (...-...µg/m3) and NO2 (...-...µg/m3). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would beµg/m³,µg/m³ andµg/m³ with respect to PM₁₀, SOx and NOx. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS). (In case of EC **Proposal**)
- xi. Details of Solid waste/ Hazardous waste generation/ Muck and its management......

- xii. 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)
- xiii. Details of Certified compliance report submitted by RO, MoEF&CC. (In case of expansion Proposal).
- xiv. Status of Litigation Pending against the proposal, if any.
- xv. The silent features of the project are as under:-

EAC Meeting Details:

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

Project details:

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

Category details:

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

Electricity generation capacity:

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

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	
e) E-flow with TOR /Recommendation by	
EAC as per CIA&CC study of River	
Basin.	
f) If not the E-Flows maintain criteria for	
sustaining river ecosystem.	

Muck Management Details:

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

Land Area Breakup:

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

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		

Court case details:

Court Case	
Additional information (if any)	

Affidavit/Undertaking details:

Affidavit/Undertaking	
Additional information (if any)	

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	

Miscellaneous

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

Annexure V

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

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 17.10.2023 – 18.10.2023 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