



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



AGENDA FOR 13TH MEETING OF EXPERT APPRAISAL COMMITTEE (RIVER VALLEY & HYDRO-ELECTRIC PROJECTS)

| | |
|-----------------------------|--|
| Agenda ID | EC/AGENDA/EAC/244949/7/2024 |
| Agenda Creation Date | 30/07/2024 |
| Title of Meeting | AGENDA FOR 13TH MEETING OF EXPERT APPRAISAL COMMITTEE (RIVER VALLEY & HYDRO-ELECTRIC PROJECTS) |
| Meeting Mode | Physical |
| Meeting Venue | MOEF&CC, INDIRA PARYAVARAN BHAWAN |
| Meeting Date | Start Date : 13/08/2024 End Date : 13/08/2024 |

| | Meeting Date | Meeting Mode | Start Time | End Time |
|-------|---------------------|---------------------|-------------------|-----------------|
| Day 1 | 13/08/2024 | Physical | 10:30 AM | 05:30 PM |

List of Proposals

| Sr. No. | Proposal Details | Location | Meeting Date | Proponent |
|----------------|---|---|---------------------|------------------|
| 1 | Proposal No :IA/JK/RIV/463699/2024 File No :J-12011/08/2021-IA.I(R) Project Name :Uri-I Stage-II Hydroelectric Project (240 MW) Proposal For : Fresh EC Activity : 1(c) River Valley/Irrigation projects | State : JAMMU AND KASHMIR District : BARAMULLA | 13/08/2024 | NHPC LIMITED |

| | | | | |
|---|--|--|------------|--|
| | Sector: RIV | | | |
| 2 | Proposal No :IA/CG/RIV/454612/2023 File No :J-12011/06/2024-IA-I (R) Project Name :Bilaspur Pumped Storage Project (1000 MW) Proposal For: Fresh ToR Activity: 1(c) River Valley/Irrigation projects Sector: RIV | State: CHHATTISGARH District: BILASPUR | 13/08/2024 | JINDAL RENEWABLE POWER PRIVATE LIMITED |
| 3 | Proposal No :IA/MP/RIV/477062/2024 File No :J-12011/22/2019-IA-I (R) Project Name :MP30 Gandhi Sagar Standalone Pumped Storage Project Proposal For: Amendment in EC Activity: 1(c) River Valley/Irrigation projects Sector: RIV | State: MADHYA PRADESH District: NEEMUCH | 13/08/2024 | GREENKO MP01 IREP PRIVATE LIMITED |

Any Other Item(s)

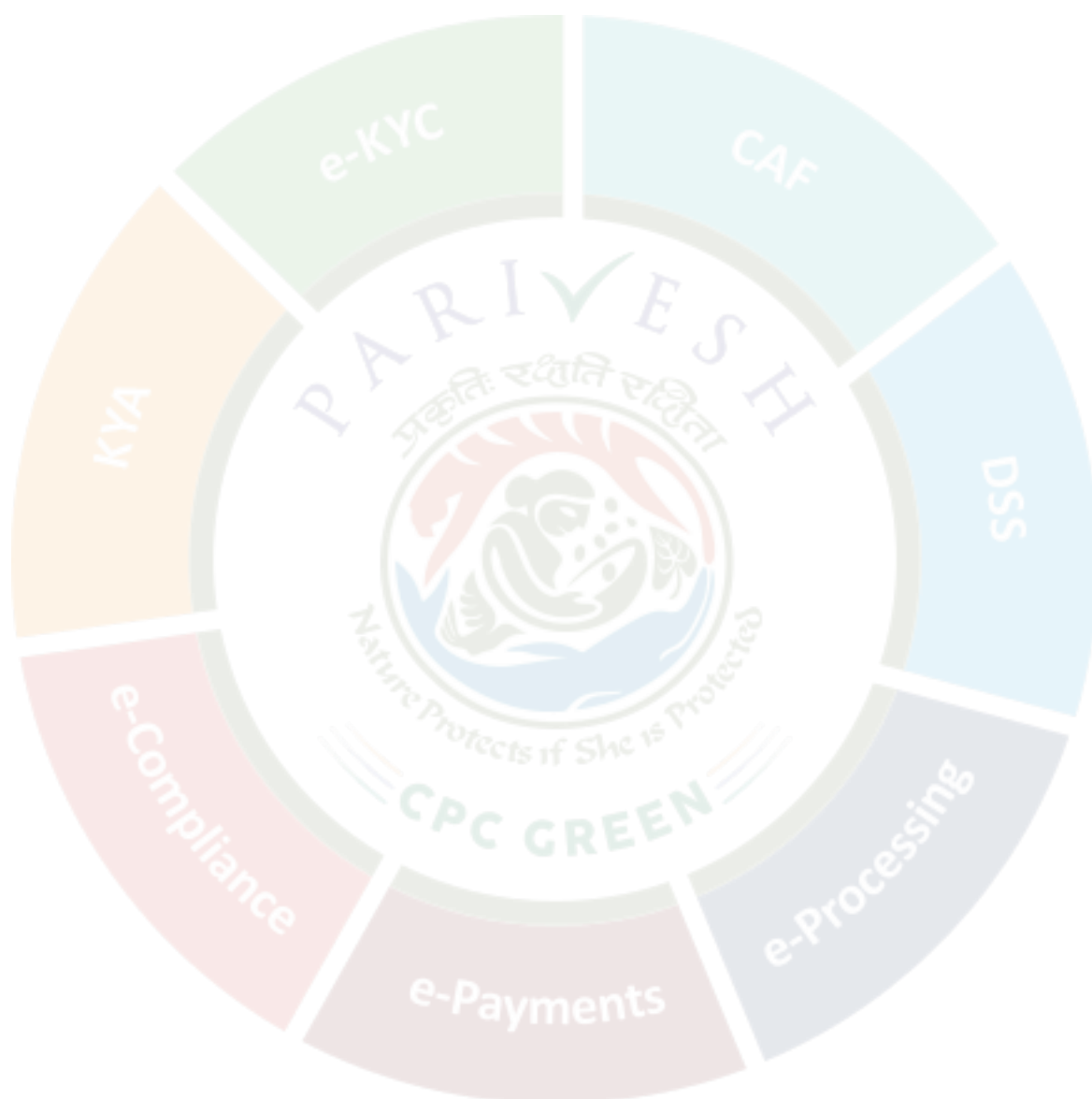
| Sr. No. | Proposal Name. | Proposal Details | Location |
|---------|----------------|------------------|----------|
|---------|----------------|------------------|----------|

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 | Shri Alok Paul Kalsi | Member (EAC) | emo***@nic.in |
| 9 | Shri Rajeev Varshney | Member | rva*****@gov.in |
| 10 | Dr A K Sahoo | Member (EAC) | ami***@gmail.com |
| 11 | Shri Yogendra Pal Singh | Member Secretary | yog*****@nic.in |

Remarks

Agenda



AGENDA FOR 13TH MEETING OF EXPERT APPRAISAL COMMITTEE (RIVER VALLEY & HYDRO-ELECTRIC PROJECTS) TO BE HELD ON 13TH AUGUST, 2024 FROM 10:30 AM – 05:30 PM AT MOEF&CC, INDIRA PARYAVARAN BHAWAN, NEW DELHI.

Instructions to Project Proponents:

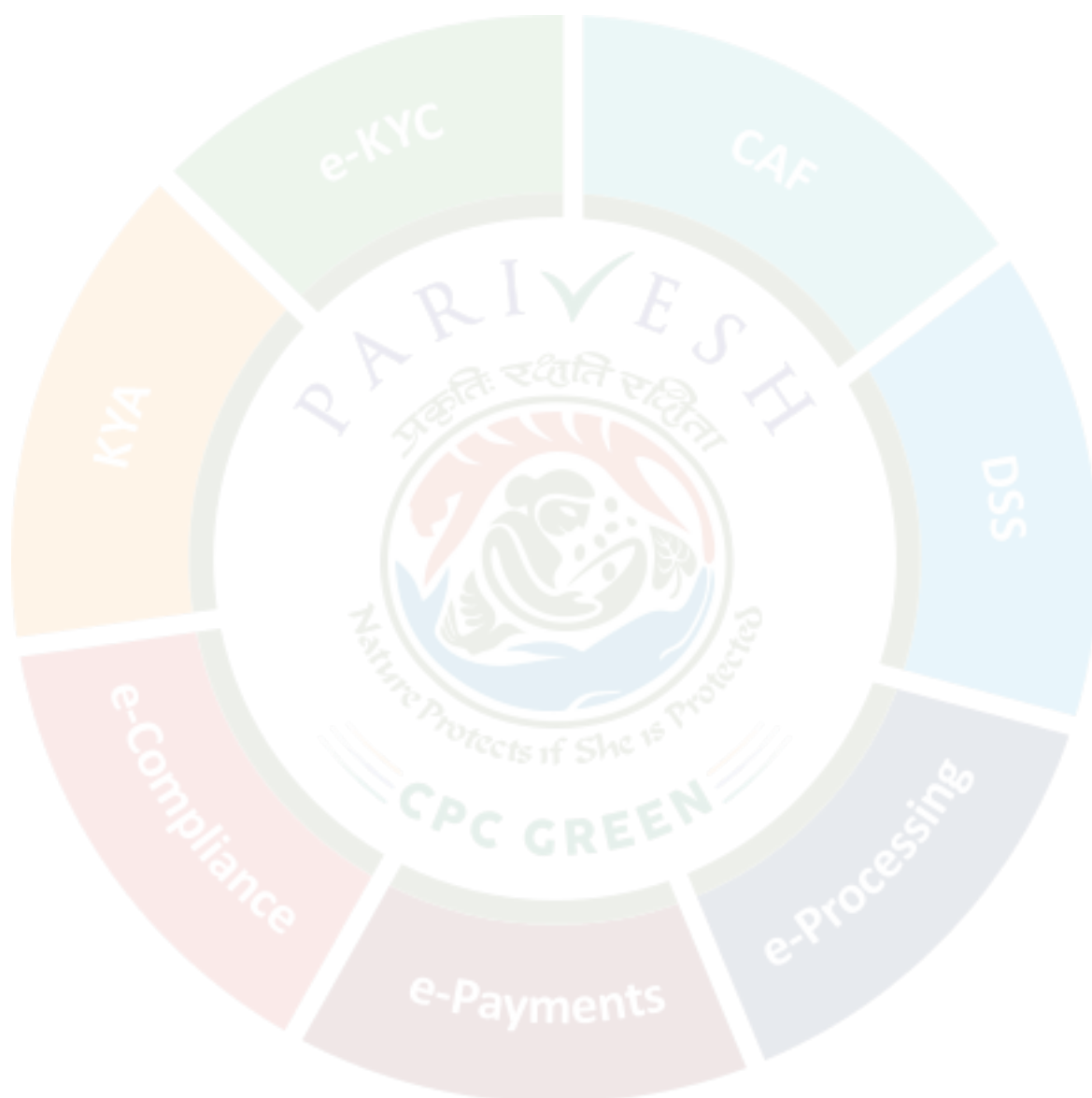
1. The EAC meeting will be held through Physical Mode.
2. Project Proponents shall send the following through e-mail to all members immediately by **07TH AUGUST, 2024 failing which the proposal shall not be considered for meeting.** E-mails of all members are mentioned below with Agenda.
 - a. Duly filled in Agenda Form given at page No. 5.
 - b. Basic Information in the Formats given at page Nos. 8-20.
 - 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' (saurabh.upadhyay85@gov.in)/ ia.rivhep@gmail.com.**
 - f. Duly filled in Undertaking at pg.21
 - 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 Munna Kumar Shah, 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 hard form 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. The land has been purchased by / allotted by Development authority.
 - c. The land is in our possession and there is no R&R issue.
 - d. 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.
 - e. Locations of the project are not clashing-overlapping/close proximity to any other projects.
 - f. 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 13TH MEETING OF THE EXPERT APPRAISAL COMMITTEE ON RIVER VALLEY PROJECTS

DATE : 13TH AUGUST, 2024
TIME : 10:30 AM – 05:30 PM
MODE : PHYSICAL MODE

| | |
|--|---|
| Confirmation of the minutes of 13 th EAC meeting. | |
| Agenda Item No. 13.1 10:30 AM to 12:00 PM | Uri-I Stage-II Hydroelectric project of 240 MW as Run of River scheme in an area of 102 ha in Sub District Uri, Boniyar, Kreeri, Baramulla and Rafiabad, District of Baramulla (Jammu and Kashmir) by M/s NHPC Limited – Environmental Clearances - Reg. [Proposal No. IA/JK/RIV/463699/2024; F. No. J-12011/08/2021-IA-I (R)] |
| Agenda Item No. 13.2 12:00 PM to 12:45 PM | Bilaspur Open Loop Pumped Storage Project (1000 MW) in an area of 301.5Ha in Village Manjurpah & Karichhaper, District Bilaspur, Chhattisgarh by M/s Jindal Renewable Power Private Limited – Reconsideration for Terms of References (TOR) – reg. [Proposal No. IA/CG/RIV/454612/2023; F. No. J-12011/06/2024-IA.I (R)] |
| Agenda Item No. 13.2 12:45 PM to 01:30 PM | MP30 Gandhi Sagar Off Stream Pumped Storage Project (1440 MW) in an area of 402.50 ha by M/s Greenko Energies Private Limited in village Khemla Block, Tehsil Rampur, District Neemuch, Madhya Pradesh – Amendment in Environmental Clearances Reg. [Proposal No. IA/MP/RIV/477062/2024; F. No. J-12011/22/2019-IA-I (R)] |
| Lunch (01:30 PM to 02:30 PM) | |
| Agenda Item No. 13.3 02:30 PM to 03:30 PM | OA No. 71/2020 (SZ) in the matter of Gavinolla Srinivas Vs. UOI and Ors. Hon'ble NGT, Southern Bench, Chennai regarding Rayalasema Lift Scheme of State of Andhra Pradesh. – Compliance of Hon'ble NGT Order |
| Agenda Item No. 13.4 03:30 PM to 05:30 PM | Harmonization and Optimization of Environmental Clearance Conditions - Reg |
| Agenda Item No. 13.5 05:30 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 Alok Paul Kalsi, Director (EM) | Member | emodte@nic.in |

| | | | |
|-----|---|------------------|--|
| | Representative of Central Water Commission (CWC), Sewa 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. | |
|---|--|

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:

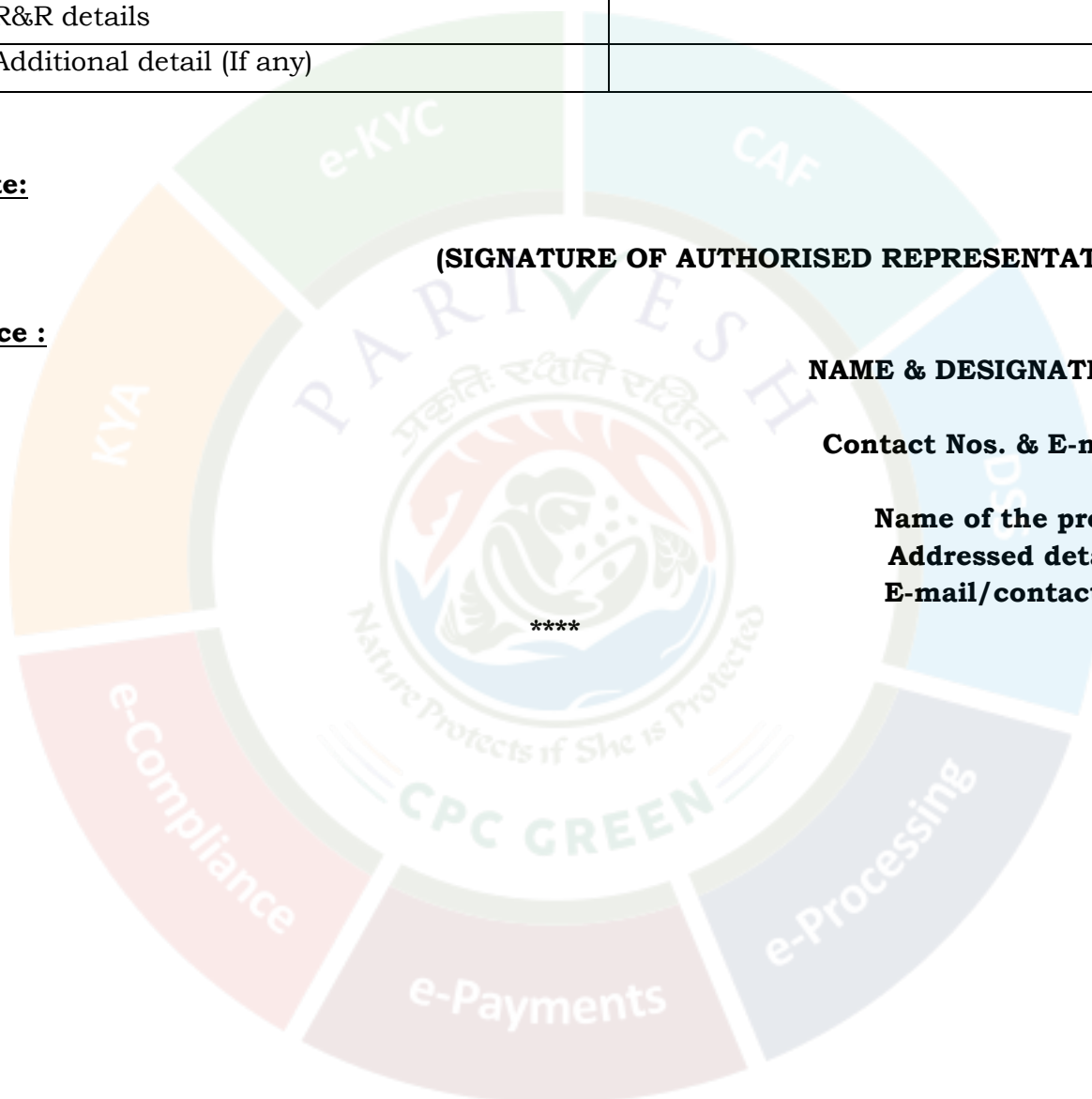
(SIGNATURE OF AUTHORISED REPRESENTATIVE)

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.

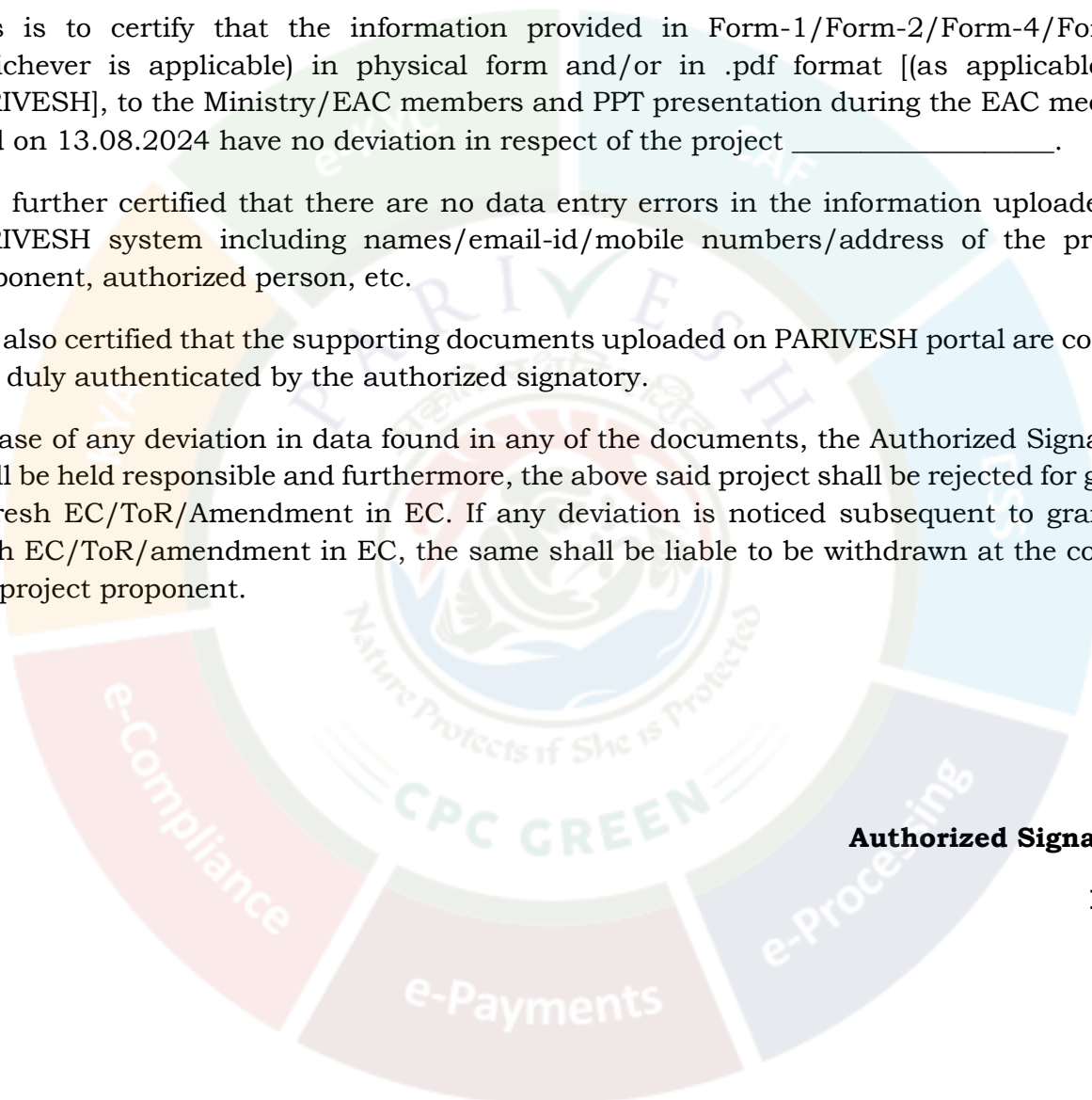
Undertaking

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 13.08.2024 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**