



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



Agenda of Expert Appraisal Committee

Meeting ID : IA/MIS/13418/11/01/2023
Meeting Venue : Indus Conference Hall, Ground Floor, Jal Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi – 110 003 (Hybrid Mode for Members only. Proponent and Consultant are required to attend the meeting physically)
Meeting Type : Hybrid
Agenda Generation Date : 05-01-2023

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	Date (From)	Date (To)
1	11 Jan 2023	11:00 AM	17:00 PM

Date of Meeting : 11-01-2023

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/JH/INFR A2/410593/2022	-1	INTEGRATED MUNICIPAL SOLID WASTE MANAGEMENT FACILITY	Tata Steel Limited, Jamshedpur	Tehsil: District: State: Jharkhand	EC
2	IA/CG/MIS/283620/2022	10-54/2020-IA.III	Hazardous Waste Treatment and Disposal Facility	RE SUSTAINABILITY LIMITED	Tehsil: Simga District: Balodabazar State: Chhattisgarh	EC

Any Other Item :

S.No	Proposal No.	File No.	Proposal For	Proposal Name	Location	Remarks
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1				<p>(i) Establishment of Integrated Common Hazardous Waste Treatment, Storage, Disposal and Recycling Facility (ICHWTSDF) at Kansal & Hendavli villages, Sudhagad Taluk, Khopoli-Pali Road, Raigad District, Maharashtra by M/s Mumbai Waste Management Limited (MWML), a unit division of M/s Ramky Enviro Engineers Ltd. – Re-consideration for Terms of Reference (IA/MH/MIS/249 282/2021; F. No. 21-1/2022-IA-III)</p>	<p>Village: District: State:</p>	
2				<p>(ii) Establishment of Integrated Common Hazardous Waste Treatment Storage Disposal and Recycling Facility (ICHWTSDRF) at Village Polagam, District Karaikal, Pondicherry by M/s Karaikal Waste Management Project (a unit division of M/s Re Sustainability IWM Solution Ltd) – Reconsideration for Terms of Reference (IA/PY/MIS/286 683/2022; F. No. 21-65/2022-IA.III)</p>	<p>Village: District: State:</p>	

3				(iii) Further discussion on following projects in CPA/SPA, which were recommended during last meeting. <ul style="list-style-type: none"> • Development of secured Landfill Facility for Hazardous Waste (30 Lakh MT) (TSDf site) at Village Jitali, Ankleshwar, District Bharuch, Gujarat by M/s Bharuch Enviro Infrastructure Limited - Environmental Clearance (IA/GJ/INFRA2/406821/2022; F. No. 21-78/2022-IA.III) • Expansion of Common Bio-medical Waste Treatment Facility at Plot No. 310/2, Phase-2, GIDC, Vapi, District Valsad, Gujarat by M/s En-cler Biomedical Waste Private Limited - Terms of Reference (IA/GJ/INFRA2/407950/2022; F. No. 21-75/2022-IA.III) 	Village: District: State:	
4				(iv) Any other items.	Village: District: State:	

List of EAC Member :

S.No	Members Name	Designation	Email_ID
1	Dr. Promode Kant	Chairman (Infra-2) Sector	promode.kant@gmail.com
2	Dr. Meenakshi Dhote	Member	m.dhote@spa.ac.in
3	Shri Monish Mullick	Member (Infra-2) Sector	mmullick1@rediffmail.com
4	Dr. Satish C. Garkoti	Member (Infra-2) Sector	satishgarkoti@gmail.com
5	Dr. Arun Jyoti Nath	Member (Infra-2) Sector	arunjyotinath@gmail.com
6	Prof. Inderjit Singh	Member (Infra-2) Sector	inderjitdu@gmail.com
7	Prof. P. K. Joshi	Member (Infra-2) Sector	pkjoshi27@hotmail.com
8	Dr. Arun Kumar Saraf	Member (Infra-2) Sector	arun.k.saraf@gmail.com
9	Dr. Hema Achyuthan	Member (Infra-2) Sector	hachyuthan0@gmail.com
10	Prof. Harish Chandra Nainwal	Member (Infra-2) Sector	nainwal61@gmail.com
11	Shri Ashwani Kumar	Member (Infra-2) Sector	ashwani.ks222@gmail.com
12	Dr. Ashish Kumar	Member Secretary (Infra-2)	ashish.k@nic.in

Agenda for 100th Meeting of Expert Appraisal Committee (Infra-2), for Projects related to Airports 7(a); Common Hazardous Waste Treatment, Storage and Disposal Facilities 7(d); Common Bio-Medical Waste Treatment Facilities 7(da); Common Effluent Treatment Plants (CETPs) 7(h); Common Municipal Solid Waste Management Facility 7(i); Building and Construction 8(a) and Townships and Area Development Projects 8(b), to be held on 11th January, 2023.

Venue: Indus Conference Hall, Ground Floor, Jal Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi – 110 003 (Hybrid Mode for Members only. Proponent and Consultant are required to attend the meeting physically)

Date: 11th January, 2023 (11:00 hrs to 17:00 hrs).

AGENDA

Item No.	Description
100.1	Opening Remarks by the Chairman.
100.2	Confirmation of the Minutes of the 99 th Meeting of the EAC (Infra-2) held during 21st December, 2022.
100.3	Consideration of Proposals
100.3.1	Integrated Municipal Solid Waste Management Facility at Village Begunadih, Tehsil Potka, District East Singhbhum, Jharkhand by M/s Tata Steel Limited - Environmental Clearance (IA/JH/INFRA2/410593/2022; F. No. 10-56/2019-IA.III)
100.3.2	Common Hazardous Waste Treatment Storage & Disposal Facility at Khasra No. 1004 to 1022, 1027 & 1028 of Kesda Village, Simga Tehsil, Baloda Bazar District, Chhattisgarh State by M/s Re Sustainability Limited – Further consideration for Environmental Clearance (IA/CG/MIS/283620/2022; F. No. 10-54/2020-IA.III)
LUNCH BREAK	
100.4	Any other items (i) Establishment of Integrated Common Hazardous Waste Treatment, Storage, Disposal and Recycling Facility (ICHWTSDF) at Kansal & Hendavli villages, Sudhagad

	<p>Taluk, Khopoli-Pali Road, Raigad District, Maharashtra by M/s Mumbai Waste Management Limited (MWML), a unit division of M/s Ramky Enviro Engineers Ltd. – Re-consideration for Terms of Reference (IA/MH/MIS/249282/2021; F. No. 21-1/2022-IA-III)</p> <p>(ii) Establishment of Integrated Common Hazardous Waste Treatment Storage Disposal and Recycling Facility (ICHWTSDRF) at Village Polagam, District Karaikal, Pondicherry by M/s Karaikal Waste Management Project (a unit division of M/s Re Sustainability IWM Solution Ltd) – Reconsideration for Terms of Reference (IA/PY/MIS/286683/2022; F. No. 21-65/2022-IA.III)</p> <p>(iii) Further discussion on following projects in CPA/SPA, which were recommended during last meeting.</p> <ul style="list-style-type: none"> • Development of secured Landfill Facility for Hazardous Waste (30 Lakh MT) (TSDF site) at Village Jitali, Ankleshwar, District Bharuch, Gujarat by M/s Bharuch Enviro Infrastructure Limited - Environmental Clearance (IA/GJ/INFRA2/406821/2022; F. No. 21-78/2022-IA.III) • Expansion of Common Bio-medical Waste Treatment Facility at Plot No. 310/2, Phase-2, GIDC, Vapi, District Valsad, Gujarat by M/s En-cler Biomedical Waste Private Limited - Terms of Reference (IA/GJ/INFRA2/407950/2022; F. No. 21-75/2022-IA.III) <p>(iv) Any other items.</p>
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IMPORTANT NOTE

1. Project proponent (PP) or his/her authorized representative (preferably not more than two representatives) are requested to participate and present their proposal(s), as per the agenda for the meeting, to EAC (Infra-2). PP shall be ready before 45 minutes of the slot allotted to them.
2. Only the project proponent or his/her authorized representative is eligible to attend this meeting of EAC (Infra-2). A line of confirmation regarding participation will be appreciated. It may be noted that only the EIA Coordinator who has already been accredited with Quality Council of India and his name is in the list can accompany the proponent in the meeting. EIA Co-coordinator who has prepared EIA/EMP report, shall present before EAC during the presentation.
3. 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](https://parivesh.nic.in))' for updates.
4. The Names and addresses of Chairperson and Members of EAC (Infra-2) are provided at **Annexure-I**.

INSTRUCTION FOR PROJECT PROPONENTS

1. Project Proponents shall send the following information (electronically/in soft only) on the proposed project or activity by e-mail, addressed to Chairman and Members of EAC (Infra-2):
 - a. Project or Activity to be appraised for Terms of Reference (ToR) (including amendment to ToR) for preparation of EIA/ EMP Report
 - i. Application (Form 1 or as applicable);
 - ii. Prefeasibility Report for project/activity;
 - iii. Project Brief (in MS Word format i.e. '.doc' or '.docx' file only) and presentation in template provided in Annexure-II; and
 - iv. All associated documents/Annexures, etc.
 - b. Project or Activity to be appraised for grant of Environmental Clearance (including, expansion, modernisation, amendment to EC, etc.):
 - i. Application Form; as applicable
 - ii. EIA Report and Environment Management Plan (EMP)
 - iii. Form 1/1A and Conceptual Plan for project or activity under item 8(a) of Schedule to EIA Notification, 2006;
 - iv. Project brief (in MS Word format i.e. '.doc' or '.docx' file only) and presentation in template provided in Annexure-III
 - v. Project brief (in MS Word format i.e. '.doc' or '.docx' file only) in template provided in Annexure-IV. [Only for item 8(a) and 8(b)]
 - vi. For expansion Projects, Certified Compliance report w.r.t. existing EC; as received from concerned Regional Office (RO) of the Ministry or Zonal office of CPCB or concerned SPCBs or PCCs along with the Action Taken Note on observations of the concerned inspecting authorities;
 - vii. A copy of work order issued by the project proponent in favour of QCI/NABET accredited consultant appointed for carrying out EIA study and EMP preparation for this project;
 - viii. All other associated documents/ Annexures, etc.
2. Kindly indicate the Agenda item no. in the e-mail and also on the first page of the documents circulated for the meeting. Without this information, EAC may not consider the proposal for the meeting.
- 3. All maps should be presented with legible font size, scale, date of data, source and adequate legends.**
- 4. All units used should follow the International System of Units (SI).**
5. In addition to the above information, an affidavit 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. That there is no construction carried out at project site as on date or construction ofsqm out ofsqm done as on date as per previous EC obtained (Ref.). Affidavit should also be submitted that there is no litigation on the project either at NGT or any other court of Law.
 - c. It is a fresh proposal/the proposal was taken up at SEIAA/SEAC (details of meeting to be appended).
 - d. The land has been purchased by/allotted by.....Development authority. 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. Reason for submitting the project at MoEF&CC.
6. PP shall also send soft copies (**in Pen Drive**) of the above information/ documents by speed post / by hand at **The Section Officer, IA-III Section (Infra-2), 6th Floor, Akash Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110 003**. The above information /documents for the Ministry shall also be sent **through e-mail** to ashish.k@nic.in and ragavan.p@gov.in
 7. All the documents including presentation material being submitted to the EAC in soft/electronic form and to the Ministry in soft and hard forms shall be consistent, legible and printed on both sides on ordinary paper.
 8. 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.
 9. It may be ensured that EAC (Infra-2) and the Ministry receive the requisite soft/electronic copy of documents pertaining to the projects latest by **9th January, 2023** positively. In case the EAC does not receive documents by e-mail within stipulated time period, EAC may not consider the project.
 10. As per the compliance to the recommendations of CAG vide OM No. J-11013/71/2016-IA.I (M) dated 25th October, 2017, the following shall be ensured by the proponent:
 - a. Break-up of the capital and recurring cost of the EMPs along with the timeline for incurring the capital cost.
 - b. Details of the name and number of posts to be engaged by the project proponent for implementation and monitoring of environmental parameters should be submitted.
 - c. An undertaking as part of the EIA report from Project proponent, owning the contents (information and data) of the EIA report with the declaration about the contents of the EIA report pertaining to a project have not been copied from other EIA reports.

11. As per amendment notification No. 648(E) dated 3rd March, 2016, the Environmental consultant organizations which are accredited for a particular sector and the category of project for that sector with the Quality Council of India (QCI) or National Accreditation Board for Education and Training (NABET) or any other agency as may be notified by the Ministry of Environment, Forest and Climate Change from time to time shall be allowed to prepare the EIA Report and EMP of a project and appear before the concerned EAC. The EIA coordinator/consultant involved in preparation of EIA Report would need to include a certificate in this regard in the EIA report and EMP prepared by them along with the details of data provided by other Organization(s)/Laboratories including their status of approvals etc.
12. In case of expansion of the project or activity; proposal will not be considered if Certified Compliance Report in respect of earlier EC and the Action Taken Note thereon are not provided.
13. The proponent shall avoid seeking meeting and discussion with the EAC members.

ANNEXURE-I**Composition of Expert Appraisal Committee (Infra-2)**

Sr. No.	Name & Address	E-mail	Position
1.	Dr. Promode Kant	promode.kant@gmail.com	Chairman
2.	Shri Monish Mullick	mmullick1@rediffmail.com	Member
3.	Dr. Satish C. Garkoti	satishgarkoti@gmail.com	Member
4.	Dr. Arun Jyoti Nath	arunjyotinath@gmail.com	Member
5.	Prof. Inderjit Singh	inderjitdu@gmail.com	Member
6.	Prof P. K Joshi	pkjoshi27@hotmail.com	Member
7.	Dr. Arun Kumar Saraf	arun.k.saraf@gmail.com	Member
8.	Dr. Hema Achyuthan	hachyuthan0@gmail.com	Member
9.	Dr. Harish C. Nainwal	nainwal61@gmail.com	Member
10.	Shri Ashwani Kumar	ashwani.ks222@gmail.com	Member
11.	Dr. Meenakshi Dhote	m.dhote@spa.ac.in	Member
12.	Dr. Ashish Kumar, Additional Director	ashish.k@nic.in	Member Secretary

Template for Project Brief and Presentation Project or Activity to be appraised for ToR

1. Title of the Proposal (As indicated in the Application Form).
2. Location of the proposed Project or Activity.
3. Location of Project Site on Google map and Toposheet.
4. Land use of the site (area earmarked for proposed project/activity).
5. Land use around the site up to 10 km radius.
6. If the project falls within 10 km of eco- sensitive area, Name of eco-sensitive area and distance from the project site.
7. If the project involves diversion of forest land, extent of the forest land to be involved.
8. Whether the project is in Critically Polluted area? If so, provide details.
9. Grounds/ Environmental Parameters taken into account for selection of the proposed project site.
10. Strategy to collect baseline data, including the period/seasons.
11. Project Details:
 - a. Nature of proposal (new/expansion, category, status of general conditions).
 - b. Project components (Activities and Facilities to be developed).

12. Airport 7(a)

- a. Habitation in and around, their location with respect to take off and landing funnel.
- b. Expected Influx.

13. TSDF 7(d), CBMWF 7(da), CMSWMF 7(i)

- a. Types of wastes and their sources.
- b. Waste generation projections and strategy for collection, treatment, and disposal.
- c. Habitation in and around the project site.

14. Aerial Ropeway 7(g)

- a. Span.
- b. Locations of LPT, IPT and UPT including habitation in and around
- c. Building construction proposed at terminals.
- d. Expected Influx of People.

15. CETP 7(h)

- a. Type of effluent, Quantity, effluent conveyance system from the member units to CETP; and
- b. Treatment and usage of treated sewage.

16. Other details

- i. Connectivity to the site.
- ii. Terrain, level with respect or MSL, requirement of filling, if any.
- iii. Water requirement; sources, status of clearance in case of ground water withdrawal.
- iv. Expected Waste Generation (Liquid and Solid) and proposed management strategy.
- v. Tree cutting, types, numbers, girth size etc.
- vi. Rehabilitation involved, if any.
- vii. Water bodies, diversion, if any.
- viii. Status of Litigation, if pending any.
- ix. Expected Power Requirement and proposed strategy for energy conservation.
- x. Investment/Cost of the project is Rs.....(in crore).
- xi. Employment potential.....
- xii. Benefits of the project

Template for Project Brief and Presentation Project or Activity to be appraised for EC

1. Title of Proposal (as indicated in the Application form submitted on the Parivesh Portal).
2. Location of the proposed project site.
3. Project/ activity covered under item of Schedule to the EIA Notification, 2006 and Category.
4. In case of Category B project/activity- Reason for appraisal at the Central level.
5. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc:
 - Land use pattern/ Total plot area/ built up area
 - Total water requirement and its source, Ground water withdrawal approval from CGWA, if any
 - Waste water generation, treatment and disposal
 - Municipal solid waste generated disposal facility
 - Power requirement and source
 - Proposed energy saving measures with estimated energy saving
 - Details of Rain Water Harvesting Plan
 - Parking details as per norms
6. Details of earlier EC, if any and compliance thereof
7. Whether the project is in Critically Polluted area? If so, give details
8. List of commitments as mentioned in the EIA/EMP w.r.t mitigation measures
9. Comparative analysis of existing/envisioned pollution load (in case of expansion/modernization)
- 10. If the project is for EC under EIA Notification, 2006**
 - a) For the first time appraisal by EAC**
 - i. Date of ToR
 - ii. Point-wise ToR compliance
 - iii. Impact of proposed project/activity on Air, Water, Noise, Ecology and proposed mitigation measures
 - iv. Details of Public Hearing (PH)
 - v. Major issues raised during PH and response of PP in the form of implementable action plan
 - vi. Environmental and Socio-Economic Impacts
 - a. Period/ Season of baseline study and Number of Locations
 - b. Key Indications: The indicates that the maximum and minimum values of PM10 are in the range of ----- to -----, whereas the PM2.5 are in the range of ----- to -----µg/m³. The SO₂ concentrations within the study area are in the range of ----- to ----- and the NO_x are in the range of ----- to ----- . Ozone concentrations were also monitored in the study area and are found to be in the range of ----- to ----- , CO are in the range of ----- to -----, Benzene observed are in the range of ----- to -----, Ammonia observed are in the range of ----- to ----- . The

observed pollutant levels were compared with CPCB National Ambient Air Quality Standards and found to be.....

b) Second/subsequent appraisal

- i. Date of first /earlier appraisal(s)
- ii. Details of the information sought by the EAC with the responses of PP

12. If the project is in CRZ area,

- i. Components in CRZ area
- ii. recommendation of Coastal Zone Management Authority.
- iii. layout on CRZ map of 1:4000 scale prepared by an authorised agency.

13. If the project involves diversion of forest land

- i. extent of the forest land
- ii. status of forest clearance

14. If the project falls within 10 km of eco- sensitive area

- i. Name of eco- sensitive area and distance from the project site.
- ii. status of clearance from National Board for wild life.

15. Waste Management

- i. Water requirement, source, status of clearance
- ii. Waste water quantity, treatment capacity, detail
- iii. Recycling/reuse of treated water and disposal
- iv. Solid Waste Management
- v. Hazardous Waste Management

16. Other details

- i. Noise Modelling with noise control measures for airports
- ii. Details of water bodies, impact on drainage, if any
- iii. Green belt development and Details of tree felling/transplantation
- iv. Undertaking to the effect that no activity has since been taken up
- v. Expected timeline for completion of the project
- vi. Investment/Cost of the project is Rs.....(in crore)
- vii. Employment potential.....
- viii. Benefits of the project

Brief for Building Construction & Townships and Area Development Projects to be appraised for EC

- i. The project is located atLatitude and Longitude.
- ii. The project is new/ redevelopment
- iii. Earlier Clearance details, Constructions status, if any
- iv. **If the project is for EC under EIA Notification, 2006**
 - a) For the first time appraisal by EAC**
 - i. Date of ToR [in case of item 8(b)]
 - ii. Point-wise ToR compliance
 - b) Second/subsequent appraisal**
 - i. Date of first /earlier appraisal(s) by EAC/SEAC
 - ii. Details of the information sought by the EAC/SEAC with the responses of PP
- v. The total plot area is**sqm**, FSI area is**sqm** and total construction (Built-up) area of**sqm**. The project will comprise of ... Buildings. Total ... flats shall be developed. Maximum height of the building is ... **m**.**The details of building are as follows: (Table may be extended/expanded as per requirement)**

- vi. During construction phase, total water requirement is expected to beKLD which will be met by..... During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- vii. During operational phase, total water requirement of the project is expected to be KLD and the same will be met by KLD fresh water fromandKLD Recycled Water. Wastewater generated (... KLD) will be treated in STPs of total KLD capacity. ... KLD of treated wastewater will be recycled and re-used (... for flushing, .. for gardening etc.). About ... KLD will be disposed in to municipal drain.
- viii. About ... TPD solid wastes will be generated in the project. The biodegradable waste (... TPD) will be processed in OWC and the non-biodegradable waste generated (... TPD) will be handed over to authorized local vendor.
- ix. The total power requirement during construction phase is ... KVA and will be met fromand total power requirement during cooperation phase is ... KVA and will be met from
- x. Rooftop rainwater of buildings will be collected in ... RWH tanks of total KLD capacity for harvesting after filtration.
- xi. Parking facility for four wheelers andtwo wheelers is proposed to be provided against the requirement of andrespectively (according to local norms).
- xii. Proposed energy saving measures would save about..... % of power.

- xiii. Comparative analysis of existing/envision pollution load (in case of expansion/modernization)
- xiv. Impact of proposed project/activity on Air, Water, Noise, Ecology and proposed mitigation measures
- xv. Whether the project is in Critically Polluted area
- xvi. It is located within 10 km of Eco Sensitive Zone (**Yes/No**). If **Yes**, provide details.
- xvii. NBWL Clearance is required: **Yes/No**. If **Yes**, status of NBWL clearance.
- xviii. Forest Clearance is required: **Yes/No**. If **Yes**, status of stage-1 clearance.
- xix. Court case pending against the project (**Yes/No**). If **Yes**, provide details.
- xx. Details of commitment as mentioned in the Form 1A/Conceptual Plan/EIA
- xxi. Green belt development and Details of tree felling/transplantation
- xxii. Undertaking to the effect that no activity has since been taken up
- xxiii. Expected timeline for completion of the project
- xxiv. Investment/Cost of the project is Rs.....(Crore).
- xxv. Employment potential.....
- xxvi. Benefits of the project
