

**197<sup>th</sup> meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Industrial estate/parks/complexes/areas, Export Processing Zones, Special Economic Zones, Biotech Parks, Leather Complexes and National Highways projects to be held on 17<sup>th</sup> September, 2018**

### **AGENDA**

**Venue:** Conference Hall (**Indus**), Ground Floor, Jal Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.

Please Check MoEF&CC Website at [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in) for details and updates.

#### **Important Note**

- (i) Please send the information as per “check list at **Annexure-II, III, IV and V**” and a brief project summary by e-mail, in word format and also a signed & scanned copy, to the Member-Secretary at [kodali.rk@gov.in](mailto:kodali.rk@gov.in), [ashish.k@nic.in](mailto:ashish.k@nic.in), [mefcc.ia3@gmail.com](mailto:mefcc.ia3@gmail.com) and Chairman/members of Expert Appraisal Committee at least one week prior to the EAC meeting. Kindly indicate the agenda no. in the e-mail and also on the first page of the documents circulated during the meeting.
- (ii) Without this information, EAC has discretion to invite the proponent for the meeting.
- (iii) Please also provide a copy to the EAC Members during the meeting.
- (iv) All the documents such as **Form-1, Pre-feasibility report, approval from the concerned State/UT Coastal Zone Management Authorities, Environment Impact Assessment Report, public hearing report, queries subsequently raised by the Ministry, if any**, and your para-wise comments thereto etc., in accordance with Environment Impact Assessment (EIA) Notification, 2006 and/or Coastal Regulation Zone (CRZ) Notification, 2011 are required to be forwarded to the Chairman/Members of the Expert Appraisal Committee including details of the court matters/Orders of the Court pertaining to the project if any. **Accordingly, forward a copy of each of these documents - Hard and Soft Copies (in Pen drive) to the Member secretary, Infra-1 only (Note: Not by Name) by speed post so as to reach well in time. Only soft copies of above said documents through email as well as Pen drive to the Chairman & other members of the Expert Appraisal Committee.** Names and addresses of the Chairman/Members are enclosed. All the documents including the hard copy of the presentation material should be legible and printed on both sides on ordinary paper. EIA consultant name should be appeared on first slide of the presentation
- (v) No consultant is permitted into the meeting who has no accreditation with Quality Council of India (QCI)/ National Accreditation Board of Education and Training (NABET) according to the MoEF OM dated 2<sup>nd</sup> December, 2009 and **also provide a copy of NABET certificate during the meeting.**
- (vi) Air-travel should be done from **Air India flights only**. In exceptional cases, prior approval of this Ministry should be taken before journey performed on each occasion. Ex-post fact request in this regard would not be entertained; Boarding Pass (in original) should be provided, failing which the claim would not be processed; Air-Ticket should be purchased from Airlines (at Booking counters/office/website of Airlines) or from three authorized Travel Agents viz. M/s Balmer Lawrie & Company Ltd., M/s Ashok & Tours and IRCTC.
- (vii) **Decision making authority from the proponent, should attend the EAC meeting.**

**Time: 10:00 AM**

1. Opening remarks of the Chairman
2. Confirmation of the minutes of the 195<sup>th</sup> meeting held on 30-31 August, 2018 at Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
3. Consideration of Proposals:

<b>3.1</b>	Development of Industrial Growth Centre Saha, at Phase-II, Ambala, Haryana by M/s Haryana State Industrial and Infrastructure Development Corporation Ltd. – <b>Extension of Terms of Reference</b> [IA/HR/NCP/76611/2013] [F. No. 21-3/2013-IA.III ]
<b>3.2</b>	Development of Industrial Park in area of 1877.79 Ha at Orvakal, Orvakal Mandal, Kurnool District, Andhra Pradesh by M/s Andhra Pradesh Industrial Infrastructure Corporation Limited – <b>Terms of Reference</b> [Proposal No. IA/AP/NCP/76057/2018] [F. No. ]
<b>3.3</b>	Construction of Eight lane road (newly declared NH-148N) from Kandarwasa Village to Kher Khunta village in Ratlam District from CH:150+000 to 181+000 (31 km) in the State of Madhya Pradesh (sub package-2, part of Delhi-Mumbai Expressway) by M/s National Highways Authority of India – <b>Terms of Reference</b> [Proposal No. IA/MP/MIS/75677/2018] [F. No. 10-64/2018-IA.III ]
<b>3.4</b>	Construction of 6/8-laning of Kanpur - Lucknow Expressway starting from Shaheedpath (11.000 km) to Sukhlaganj Jn (73.770 km) of NH-25 in the State of Uttara Pradesh by M/s National Highways Authority of India – <b>Terms of Reference</b> [Proposal No. IA/UP/MIS/75114/2018 ] [F. No. 10-65/2018-IA.III ]
<b>3.5</b>	Development of 8-lane (Greenfield Highway) from Etawa (Ch. 284.000 km) to after Chamabal River near Durjanpura Village (Ch. 349.000 km) Section of NH-148 N (length 65.0 km) in the state of Rajasthan M/s National Highways Authority of India – <b>Terms of Reference</b> [Proposal No. IA/RJ/MIS/76177/2018] [F. No. 10-66/2018-IA.III ]
<b>3.6</b>	Development of 8-lane (Greenfield Highway) from after Chambal River near Durjanpura village (Ch. 349.000 km) to Banda Hera village (Ch. 392.800 km) Section of NH-148 N (length 43.8 km) in the state of Rajasthan by M/s National Highways Authority of India – <b>Terms of Reference</b> [Proposal No. IA/RJ/MIS/75411/2018] [F. No. 10-67/2018-IA.III ]
<b>3.7</b>	Any other item with the permission of Chair.

## **List of the Members**

1. Dr. Deepak ArunApte, (Chairman-EAC), Director, Bombay Natural History Society(BNHS), S.B. Singh Road, Mumbai (Maharashtra); **E-mail: [director@bnhs.org](mailto:director@bnhs.org)**
2. Dr. V.K Jain, Professor of Chemistry, School of Sciences, Gujarat University, C-101, Pruthvi Tower Jodhpur Gam Road Satellite, Ahmedabad - 380 015 (Gujarat); **E-mail: [drvkjain@hotmail.com](mailto:drvkjain@hotmail.com)**
3. Dr. M.V. Ramana Murthy, Project Director, National Institute of Ocean Technology, Velachery – Tambaram Main Road, Narayanapuram, Palikaranai, Chennai - 600 100 (Tamil Nadu) ; **E-mail: [ramana2865@gmail.com](mailto:ramana2865@gmail.com)**
4. Shri T.P. Singh, Advisor (MEITY), 21, Manoramyia Retreat, Koba, Gandhinagar (Gujarat); **E-mail: [info@bisag.gujarat.gov.in](mailto:info@bisag.gujarat.gov.in)**
5. Dr. N.K Verma, Former AD, CPCB, 602, Skytech Magadh, Vaishali, sector 3, Ghaziabad (U.P.); **E-mail: [nawalkishor.verma11@gmail.com](mailto:nawalkishor.verma11@gmail.com)**
6. Dr. Manoranjan Hota, Former Advisor, MoEF&CC, G, K-184, Gulshan Ikebana, Ikebana, Sector-143, Noida, Gautam Budh Nagar (Uttar Pradesh) 201 301; **E-mail: [hota\\_m@yahoo.com](mailto:hota_m@yahoo.com)**
7. Dr. Anil Kumar Singh, IFS (Retd), Ex PCCF Assam, Tower F, Float No. 103 Grand Anjara Heritage, Sector-74 Noida (UP); **E-mail: [ageans@gmail.com](mailto:ageans@gmail.com)**
8. Shri Prabhakar Singh, Special DG, CPWD, Delhi Region, Res- Flat No. C-4, Tower No. 8 , New Moti Bagh, New Delhi - 110 023; **E-mail: [prabhakardelhi@yahoo.com](mailto:prabhakardelhi@yahoo.com)**
9. Shri Narendra Surana, Managing Director, Bhagyanagar India Limited and Surana, Telecommunication and Power Limited, 5th Floor, Surya Towers, Sardar Patel Road, Sikandarabad - 500 003 (AP); **E-mail: [narender@surana.com](mailto:narender@surana.com)**
10. Dr. Mohan Singh Panwar, Associate Professor, Deptt. of Geography (School of Earth Science), H.N.B. Garhwal Central University, Srinagar, Garhwal - 246 174 (Uttarakhand); **E-mail: [mohanpanwar310@yahoo.in](mailto:mohanpanwar310@yahoo.in)**
11. Dr. Anuradha Shukla, Member (EAC), Central Road Research Institute (CRRRI), CRRRI, Mathura Road, New Delhi-110 025; **E-mail: [anuradha.crrri@gmail.com](mailto:anuradha.crrri@gmail.com)**
12. Shri N.K. Gupta, Member (EAC), Scientist E& In-charge (ESS), Central Pollution Control Board, PariveshBhawan, CBD-Cum Office Complex, East Arjun Nagar, Delhi -110 032; **E-mail: [nkgupta.cpcb@nic.in](mailto:nkgupta.cpcb@nic.in)**
13. Dr. D. Chakraborty, Scientist, CGWA, West Block-II, Wing-3 (Ground Floor), Sector-1, R K Puram, New Delhi - 110 066 (Member); **E-mail: [durjoy.09@gmail.com](mailto:durjoy.09@gmail.com)**
14. Smt. Bindu Manghat, Director, Western Printing Group, Survey of India, Near Palam Railway Crossing, Palam village Road, Delhi Cantt. New Delhi – 110 010; **E-mail: [bindu.manghat soi@gov.in](mailto:bindu.manghat soi@gov.in)**
15. Shri Raghu Kumar Kodali, Member Secretary (EAC), Scientist F, Ministry of Environment, Forest and Climate Change, Indira ParyavaranBhawan, Room No. 503,5<sup>th</sup>Floor, Vayu Wing, JorBagh Road, Aliganj, NewDelhi- 110 003; **E-mail: [kodali.rk@gov.in](mailto:kodali.rk@gov.in)(Please send hard copy documents at address given below)**

**(Note: The Section Officer, IA-III Section, Ministry of Environment, Forest and Climate Change, Indira ParyavaranBhawan, 6<sup>th</sup> Floor, Akash Wing, Jor Bagh Road, Aliganj, New Delhi -3)**

1. PP shall avoid delivery of documents by hand and seeking meeting with Chairman/Members in this regard.
2. It may be ensured that the Members receive the requisite soft copy of documents pertaining to the projects one week prior to the meeting positively. In case the members of the **Expert Appraisal Committee do not receive the documents, the Committee will not consider the project.**
3. Further, the project proponent or his/her authorized representative should attend the meeting of EAC.
4. Any changes/modification with respect to the Agenda, Venue etc., would be indicated in the Ministry's website. You are also requested to keep track of the status of your project from the Ministry/s Website i.e., [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in)
5. A line in confirmation regarding participation of your representative in the meeting 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 as issued on 05<sup>th</sup> October, 2013 can accompany the proponent in the meeting.

## Check list for EC

1. Proposal
2. Location
3. Project brief: nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc,
4. Cost of the project
5. Whether the project is in Critically Polluted area
6. **If the project is for EC under EIA Notification, 2006**
  - a) **For the first time appraisal by EAC**
    - (i) Date of ToR:
    - (ii) Date of Public Hearing, location
    - (iii) Major issues raised during PH and response of PP
  - b) **Second appraisal**
    - (i) Date of first /earlier appraisal
    - (ii) Details of the information sought by the EAC with the response of the PP
7. **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
8. **If the project involves diversion of forest land**
  - (i) extend of the forest land
  - (ii) status of forest clearance
9. **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
10. **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
11. **Other details**
  - (i) Noise Modelling with noise control measures for airports
  - (ii) details of water bodies, impact on drainage if any
  - (iii) Details of tree cutting

- (iv) Energy conservation measures with estimated saving
- (v) Green belt development (20 % of construction projects and 33 % for others)
- (vi) Parking requirement with provision made

**12. If the project involves foreshore facilities**

- (i) Shoreline study
- (ii) Dredging details, disposal of dredge material
- (iii) Reclamation
- (iv) Cargo handling with dust control measures
- (v) Oil Spill Contingent Management Plan

**13. If the project involves Marine disposal**

- (i) NOC from PCB in case of marine disposal
- (ii) details of modelling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters
- (iii) location of intake / outfall. Quantity,
- (iv) detail of monitoring at outfall
- (v) Any other **relevant** information :
- (vi) Investment/Cost of the project is Rs.....(incrore).
- (vii) Employment potential.....
- (viii) Benefits of the project .....

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### Check list for ToR

1. Proposal
2. Location
3. Location on google map/ survey map
4. Land use of the site and around the site up to 10 km radius
5. Justification for selection of the site
6. Project brief: nature of proposal (new/ expansion,) total area- land use, project components, connectivity to the site etc,
7. Cost of the project
8. Whether the project is in Critically Polluted area
9. If the project involves diversion of forest land, extend of the forest land
10. If the project falls within 10 km of eco- sensitive area, Name of eco- sensitive area and distance from the projectsite,

#### 11. **CETP**

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

#### 12. **Incinerator**

Types of wastes, sources, collection, treatment, waste generation and disposal  
Habitation in and around

#### 13. **Other details**

- (vii) Water requirement, source, status of clearance
- (viii) Connectivity to the site
- (ix) Terrain, level with respect o MSL, requirement of filling if any
- (x) Tree cutting, types, numbers, girth size etc.
- (xi) Rehabilitation involved if any
- (xii) Water bodies, diversion if any if any
- (xiii) Court cases if any.
- (xiv) Investment/Cost of the project is Rs.....(in crore).
- (xv) Employment potential.....
- (xvi) Benefits of the project.....

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**EC for Industrial estate/parks/complexes/areas, Export Processing Zones, Special Economic Zones, Biotech Parks, and Leather Complexes projects**

- (i) The project is located at .....Latitude and .... longitude.
- (ii) The project is new/ redevelopment
- (iii) Earlier Clearance details, Constructions status, if any
- (iv) The total plot area is .....**sqm**. FSI area is ....**sqm** and total construction area of .....**sqm**. The project will comprise of ... Buildings. Total ... flats shall be developed. Maximum height of the building is ... **m**.
- (v) During construction phase, total water requirement is expected to be ...0 KLD 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.
- (vi) During operational phase, total water demand of the project is expected to be ..... KLD and the same will be met by the .....Recycled Water. Wastewater generated (... KLD) uses will be treated in ..... STPs of total ..... KLD capacity. ... KLD of treated wastewater will be recycled ( .. for flushing, .. for gardening). About ... KLD will be disposed in to municipal drain.
- (vii) About ... TPD solid waste 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.
- (viii) The total power requirement during construction phase is ... KVA and will be met from .....and total power requirement during cooperation phase is ... KVA and will be met from .....
- (ix) Rooftop rainwater of buildings will be collected in ... RWH tanks of total .. KLD capacity for harvesting after filtration.
- (x) Parking facility for ..... four wheelers and .....two wheelers is proposed to be provided against the requirement of .... and ....respectively (according to local norms).
- (xi) Proposed energy saving measures would save about % of power.
- (xii) It is located /not located within 10 km of ..... Eco Sensitive areas
- (xiii) There is no/court case pending against the project.
- (xiv) Investment/Cost of the project is Rs.....(in crore).
- (xv) Employment potential.....
- (xvi) Benefits of the project.....
- (xvii) Public Hearing was conducted on ..... at ..... The major issues raised during the public hearing were .....and responses were.....



## Details of the Project

S.No.	Item	Details
1.	Project title, location (Plot No./ Village/ Tehsil/ District)	
2.	Salient features of the project <ul style="list-style-type: none"> <li>• Land use pattern/ Total plot area/ built up area</li> <li>• Total water requirement and its source</li> <li>• Waste water generation, treatment and disposal</li> <li>• Municipal solid waste generated disposal facility</li> <li>• Power requirement and source</li> <li>• Proposed energy saving measures</li> <li>• RWH</li> <li>• car parking</li> <li>• Investment/Cost of the project</li> <li>• Benefits of the project</li> <li>• Employment potential</li> </ul>	
3.	Project/ activity covered under item of Schedule to the EIA Notification, 2006	
4.	Why appraisal/ approval is required at the Central level	
5.	National Park/ Wild Life Sanctuary in 10 km radius area	
6.	Eco-Sensitive Zone in 10 km radius area	
7.	Details of Forest land involved, if any	
8.	ToR Details	
9.	Details of Public Hearing and main issues raised/response of the PP	
10.	If any court case pending for violation of the environmental laws (supported by an undertaking)	
11.	Land use planning	
12.	Ground water withdrawal approval from CGWA	
13.	For other sources, firm commitment of the water supply agency	
14.	Undertaking to the effect that no activity has since been taken up	
15.	Appraisal by State Coastal Zone Management Authority (SCZMA)	
16.	Details of earlier EC, if any and compliance thereof	
17.	Details of earlier appraisal by EAC/ SEAC; observation and compliance	