

162<sup>nd</sup> meeting of Expert Appraisal Committee for Projects related to Infrastructure Development, Coastal Regulation Zone, Building/Construction, Industrial Estate and Miscellaneous projects to be held on 29<sup>th</sup> – 30<sup>th</sup> August, 2016

## AGENDA

Venue: Conference Hall (Narmada), Jal Wing, Ground Floor, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110 003  
Please Check the MoEF&CC Website at [www.environmentclearance.nic.in](http://www.environmentclearance.nic.in)

### 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 [sk.smree66@nic.in](mailto:sk.smree66@nic.in), [shard.sapra@nic.in](mailto:shard.sapra@nic.in), [yogendra78@nic.in](mailto:yogendra78@nic.in) and [mefcc.ia3@gmail.com](mailto:mefcc.ia3@gmail.com) 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. 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

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Day1: Monday, 29<sup>th</sup> August, 2016

Time: 10.00 A.M.

1. Opening Remarks of the Chairman.
2. Confirmation of the Minutes of the 161<sup>st</sup> Meeting of the EAC held on 28<sup>th</sup> – 29<sup>th</sup> July, 2016 at New Delhi.
3. Consideration of Proposals

3.1	Construction of 2-lane Bridge over Middle Strait Creek (at km 107) of NH-223 connecting South Andaman Island & Baratang Island by Andaman Public Work Department – Further consideration for CRZ Clearance – [F. No. 10-38/2015- IA.III]
3.2	Construction of 2-lane Bridge over Humphrey Strait Creek (at km 130) of NH-223 connecting Baratang Island & Middle & North Andaman Island by Andaman Public Work Department – Further consideration for CRZ Clearance - [F. No. 10-39/2015-IA.III]
3.3	Establishment of new lighthouse at Tajpur, Ramnagar, Purba Medinipur (West Bengal) by Directorate of Light Houses and Lightships, Kolkata– CRZ Clearance – [F.No.11-17/2016-IA-III]
3.4	Construction of 45 MLD capacity TTRO Plant at Kodungaiyur for discharge of reject to Buckingham Canal, laying of conveying main along berm of Buckingham Canal and conveying main crossing over pipe carrying bridge along Ennore Creek (Tamil Nadu) by Chennai Metropolitan Water Supply and Sewerage Board – CRZ Clearance – [F.No.11-23/2016-IA-III]
3.5	Laying of standby pipeline parallel to exiting pipeline for disposal of treated effluent into the river Par estuary from CETP of Atul, District Valsad (Gujarat) by M/s Atul Ltd - CRZ Clearance – [F.No.11-24/2016-IA-III]

3.6	Laying of treated sewage conveying main to Creek of Buckingham Canal for the discharge of treated sewage from the proposed construction of 6 MLD STP at Navalur Village, Thiruporur Taluk, Kancheepuram District (Tamil Nadu) by Chennai Metropolitan Water Supply and Sewerage Board, Navalur – CRZ Clearance – [F.No.11-25/2016-IA-III]
3.7	Laying of treated effluent disposal pipeline from M/s Gadre Marine Export Private Limited to deep sea at Chorwad, District Junagadh (Gujarat) by M/s Gadre Marine Export Private Limited – CRZ Clearance – [F.No.11-26/2016-IA-III]
3.8	Exploratory and appraisal drilling of ten wells in Hydrocarbon leads off the Coast of Nellore District (Andhra Pradesh in PR-OSN-2004/1 (Palar Block), Bay of Bengal by M/s Cairn India Ltd – CRZ Clearance – [F.No.11-29/2016-IA-III]
3.9	Foreshore Terminal Pipeline rerouting project from Foreshore Terminal to Royapuram RS (Group B) in Chennai (Tamil Nadu) by M/s Indian Oil Corporation Limited– CRZ Clearance – [F.No.11-30/2016-IA-III]
Day2: Tuesday, 30 <sup>th</sup> August, 2016	
3.10	Development of Multiproduct SEZ and Free Trade Warehousing Zone (FTWZ) at Layja Mota in District Kutch (Gujarat) by M/s Sea Land Ports Ltd - Environmental and CRZ Clearance – [F.No.21-68/2011-IA-III]
3.11	Construction of Hotel Resort on S.No.47/1, 47/2, 49 & 43 of Village Borli, Tal – Murud, District Raigad (Maharashtra) by M/s Mrs. Pooja Ravindra Bhowar & Others– CRZ Clearance – [F.No.11-28/2016-IA-III]
3.12	Improvement and widening to six lanes, maintenance, management and operation of Bangalore to Mysore Section of NH-275 in Karnataka by National Highways Authority of India, PIU, Ramanagara – Finalization of ToR – [F.No.10-57/2016-IA-III]
3.13	Development of Jodhpur – Pali - Marwar Industrial area in Rajasthan by Delhi Mumbai Industrial Corridor Development Corporation Ltd - Extension of validity of ToR – [F.No.21-6/2013-IA.III]
3.14	Construction of Retaining wall, Service road, relocation of Bharatnagar Police Chowki along the banks of Mithi River Mumbai by M/s Mumbai Metropolitan Region Development Authority (MMRDA) – Re-consideration for CRZ Clearance – [F.No.11-64/2012-IA-III]
3.15	Construction of Groynes in Madhavaram Taluk of Tiruvallur District by Water Resources Department, Govt. of Tamil Nadu – <b>Further consideration for CRZ Clearance</b> – [F. No. 11-44/2015-IA.III]

## List of the Members

1. Shri Anil Razdan, IAS (Retd.), Chairman, C-6, Friends Colony East, New Delhi – 110 065.
2. Dr. M.L. Sharma, IFS (Retd.), 79A, Sector-8, Gandhi Nagar - 382008, Gujarat.
3. Sh. R. Radhakrishnan, 2/586, 1st Cross Street, Singaravelan Salai, Neelangarai, Chennai-600 041
4. Dr. M.V. Ramana Murthy, Project Director, (Scientist 'G'), Offshore Structures and Island Desalination, NIOT Campus, Pallikarai, Chennai – 600 100.
5. Dr. R. Prabhakaran, No.1, Besent Road, Royapettah, Chennai.
6. Dr. Anuradha Shukla, Central Road Research Institute (CRRI), CRRI, Mathura Road, New Delhi-25
7. Shri S.K. Sinha, TNP&ANI GDC, Survey of India, Block-III, Electronics Complex, Thiru-vi-Ka Industrial Estate, Guindy, Chennai, Tamil Nadu – 600 032
8. Shri S. Bhattacharya, Central Ground Water Authority, West Block 2, Wing 3, Sector – 1, R.K. Puram, New Delhi
9. Ms Mita Sharma, Scientist 'E', Central Pollution Control Board, Parivesh Bhawan, CBD-Cum Office Complex, East Arjun Nagar, Delhi -110 032
10. Prof. (Dr.) Gourav Vallabh, Professor of Finance, XLRI Jamshedpur, Xavier School of Management, Jamshedpur – 35
11. Dr. (Ms) Lekhasri Samantsinghar, B-11, Unit-1, Capital Hospital Road, Bhubaneswar (Odisha)
12. Shri S.K. Srivastava, Additional Director (IA-III), Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, 3rd Floor, Vayu Wing, Jor Bagh Road, Aliganj, New Delhi-110 003.

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 Notification, 2006 and/or Coastal Regulation Zone Notification, 1991/2011 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 (CD) to the Chairman/members of the Expert Appraisal Committee by speed post so as to reach the members well in time. 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.

2. PP shall avoid delivery of documents by hand and seeking meeting with Chairman/Members in this regard.
3. It may be ensured that the Members receive the requisite 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.
4. Further, the project proponent or his/her authorized representative should attend the meeting of EAC.
5. 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)
6. 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
- (vi) 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.....(in crore).
- (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 project site ,
11. Port and harbour
  - i. Details of shore line change
  - ii. Details of channel, breakwaters, dredging, disposal and reclamation.
  - iii. handling of each cargo, storage, transport along with spillage control, dust preventive measures
  - iv. Details of fishing activity in the vicinity.
12. Airport
  - i. Habitation in and around, their location with respect to take off and landing funnel.
13. CETP
  - i. Type of effluent, Quantity, effluent conveyance system from the member units to CETP
  - ii. Treatment and usage of treated sewage
14. Incinerator
 

Types of wastes, sources, collection, treatment, waste generation and disposal

Habitation in and around
15. 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 building construction/Industrial Estate 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.....



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	

