

**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IA DIVISION-COAL MINING)**

**AGENDA FOR 51st MEETING OF THE
EXPERT APPRAISAL COMMITTEE (COAL MINING SECTOR), SCHEDULED TO BE HELD
DURING DECEMBER 5, 2019**

Instructions: Project Proponents are requested to strictly follow the following instructions:

1. The Project Proponents are requested to circulate the documents either in pen drive or hard copy whichever is convenient (**bulky EIA/EMP reports may be sent in pen drive mentioning the agenda numbers**) for the projects included in the Agenda given below to the Chairman and Members of the Committee (as per list given below) immediately. The proponents shall not wait for individual letters to be issued. **The documents shall reach the members at earliest before the meeting.**
2. The project proponents applied their on-line application should submit the Form-1, Pre-feasibility report for TOR along with other requisite documents in original, duly signed by the company authorized signatory for Environmental Clearance, well in advance before meeting to Ministry's project section or utmost at the time of presentation, **without which the proposal will not be considered.**
3. The project proponents applied their on-line application should submit the Form-2, Pre-feasibility report, approval from concerned department/states, compliance of existing EC, Environment Impact Assessment (EIA/EMP) 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 are required to be forwarded to the Chairman/Members of the Expert Appraisal Committee (Coal Mining) including details of the court matters/Orders of the Court pertaining to the project, if any. Accordingly, I request you **to forward a copy of each of these documents - Soft Copies to the Chairman/members of the Expert Appraisal Committee, at least 6 days before the meeting.** List of Committee Members is attached herewith.
4. All the documents including the hard copy of the presentation material should be legible and printed on both sides on ordinary paper. In case the members of the **Expert Appraisal Committee do not receive the proposals, the Committee will not consider the project.**
5. The Project Proponent or his or her authorized representative /consultant should avoid delivery of documents by hand and seeking meeting with Chairman/Members. Members are also requested to discourage/ avoid the meeting with the PP/ consultants.
6. Further, it is requested that the project proponent or his/her authorized representative should attend the presentation meeting of EAC. They may also depute senior officers from the company (**preferably not more than two representatives**) who can make a presentation on their behalf on the salient features of the project, the related environmental issues, proposed Environmental Management Plan and also respond to the queries/suggestions of the Committee.

7. Please indicate the item number of the Agenda while circulating the documents.
8. The Project Proponents are requested **to carry one set of complete documents** for submission during the EAC meeting.
9. During presentations all the important features such as **National Parks, Wildlife Sanctuary, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA)** etc. should be clearly indicated in an area of 10 km radius of the proposed site.
10. The project proponents are advised to give their presentation for **EC starting with compliance with the prescribed TOR issued for the project.**
11. In accordance with the circular no. J-11011/618/2010-IA.II (I) dated 30.5.2012, **in case of expansion project,** for which environment clearance was issued earlier, the project proponent shall submit a certified report of the status of compliance of the conditions stipulated in the environment clearance for the on-going / existing operations of the project by the Regional Offices of Ministry of Environment, Forest and Climate Change. The status of compliance of the conditions stipulated in the EC as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
12. **The Project Proponents shall ensure that the reports / documents uploaded in the website of the Ministry, circulated to the EAC members and hard copy submitted to the Ministry are the same. In case of discrepancy, the project will not be considered.**
13. The Consultant 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/EMP report.
14. Any changes/modification with respect to the Agenda, Venue etc., would be indicated in Ministry's website. You are also requested to keep track of the status of your project from the Ministry's Website i.e., <https://parivesh.nic.in>
15. Kindly send a brief write up/ Executive Summary of 2-3 pages (**in Word Format only**) as per following format (**Annexure -'I' in respect of the proposals for Environmental clearance and Annexure-'II' in respect of the project for amendment/corrigendum in ToR/EC**) to the EAC secretariat. **Information should be sent in word format only on following e-mails including Members of the EAC:**
rb.lal@nic.in ; munna.shah@gov.in

sd/
(Dr. R. B. Lal)
Scientist 'E'/Additional Director

**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IA DIVISION-Coal Mining)**

**51st EAC (COAL MINING PROJECTS) MEETING SCHEDULED FOR
5th December, 2019**

AGENDA

Venue:	10:00 A.M at Teesta Meeting hall, First Floor, Vayu wing at MoEF&CC, Indira Paryavaran Bhawan, New Delhi-110003
Please Check MoEF&CC Website at parivesh.nic.in for details and updates	
Meeting Date: 5 December, 2019	

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE					
S.No	Proposal				
(1)	Suliyari Coal Mine				
	S. No.	State	District	Tehsil	Village
	(1.)	Madhya Pradesh	Singrouli	No Data	
[IA/MP/CMIN/73904/2018 , IA-J-11015/35/2018-IA-II(M)]					
(2)	Cluster XVII Kalyaneshwari OCP and Kalyaneshwari Washery				
	S. No.	State	District	Tehsil	Village
	(1.)	West Bengal	Barddhaman	asansol	
[IA/WB/CMIN/20226/2013 , J-11015/373/2013-IA-II(M)]					
(3)	Adasa UG to OC				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
[IA/MH/CMIN/108663/2019 , J-11015/387/2015-IA-II(M)]					
(4)	Proposal for Gare Palma Sector-II Coal Mine at Tamnar Tehsil, Raigarh District, Chhattisgarh by M/s Maharashtra State Power Generation Company Limited				
[IA/CG/CMIN/52019/2016, J-11015/72/2016-IA-II(M)					
(5)	Tubed Coal Mines Project M.L area 460 ha, production capacity 6.0 MTY, near villages Tubed, Mangra, Dihi, Ambajharan, Dhobiajharan, Nawari, Tehsil Latehar, District Latehar (Jharkhand) by M/s DAMODAR VALLEY CORPORATION – For Environment Clearance reg.				

[IA/JH/CMIN/65302/2017, IA-J-11015/54/2017-IA-II(M)]

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL
CLEARANCE(Extension/Amendment/Corrigendum)**

S.No	Proposal				
(1)	Barsingsar Mine				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
[IA/RJ/CMIN/105046/2019 , J-15012/23/97-IA-II(M)]					
(2)	Jalagam Vengal Rao Opencast Mine - II Expansion				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
[IA/TG/CMIN/84096/2007 , J-11015/268/2007-IA.II(M)]					
(3)	Jagannath Washery				
	S. No.	State	District	Tehsil	Village
	(1.)	Orissa	Anugul	Talcher Sadar	
[IA/OR/CMIN/28013/2015 , Accepted]					
(4)	Kusmunda Opencast Coal Mining Project				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
[IA/CG/CMIN/95257/2016 , J-11015/176/2014-IA-II (M)]					
(5)	Kulda Expansion Opencast Project				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
[IA/OR/CMIN/127633/2019 , J-11015/10/1995-IA.II (M)]					
(6)	Nevyeli Lignite Mine-II				
	State of the project				

	S. No.	State	District	Tehsil	Village
	NIL				
	[IA/TN/CMIN/127580/2019 , J-11015/30/2001-IA.II.(M)]				
(7)	Barsingsar opencast mining				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
	[IA/RJ/CMIN/126390/2019 , J-15012/23/97.IA-II]				
(8)	Kalyanikhani Opencast Project				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
	[IA/TG/CMIN/122003/2019 , J-11015/21/2009-IA-II(M)]				
(9)	Madhuband NLW Coal Washery				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
	[IA/JH/CMIN/124506/2019 , J-11015/234/2009-IA.II(M)]				
(10)	Lakhanpur Opencast (Phase II) Coal Mine Project from 18.75 to 21 MTPA				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
	[IA/OR/CMIN/124169/2019 , J-11015/391/2012-IA.II(M)]				
(11)	Lakhanpur Opencast Epxn. Project (10 MTPA to 15 MTPA)				
	State of the project				
	S. No.	State	District	Tehsil	Village
	NIL				
	[IA/OR/CMIN/87711/2018 , J-11015 /638/2007-IA.II(M)]				

CONSIDERATION OF TOR PROPOSALS

S.No	Proposal			
(1)	Kente Extension Opencast Coal Mine & Integrated Washery Project 9 MTPA (Normative)/ 11 MTPA (Peak)			
	S. No.	State	District	Tehsil
	(1.)	Chhattisgarh	Surguja	Ambikapur
[IA/CG/CMIN/102781/2019 , IA-J-11015/48/2019-IA-II(M)]				
(2)	Manoharpur and Dipside Manoharpur Coal Mine Project (Expansion of Manoharpur Coal Mine)			
	S. No.	State	District	Tehsil
	(1.)	Orissa	Sundargarh	Hemgir
[IA/OR/CMIN/88081/2018 , J-11015/139/2008.IA.II(M)]				
(3)	Capacity enhancement of coal washery from 0.96 MTPA to 5.0 MTPA at Village- Chhote Dumarпали, Tehsil- Kharsia, District- Raigarh, State-Chhattisgarh			
	S. No.	State	District	Tehsil
	(1.)	Chhattisgarh	Raigarh	Kharsia
[IA/CG/CMIN/121489/2019 , IA-J-11015/71/2019-IA-II(I)]				
(4)	Cluster of Godavarikhani No.1&3 incline and Godavarikhani coal mine (No.2&2A and No.5) (Opencast cum Underground)			
	S. No.	State	District	Tehsil
	(1.)	Telangana	Peddapalli	Peddapalle
[IA/TG/CMIN/113648/2019 , 23-78/2018-IA(III)]				
(5)	Expansion of Khairaha Underground Coal Mining Project from 0.585 MTPA to 0.819 MTPA of M/s South Eastern Coalfields Limited in located in District Shahdol (Madhya Pradesh) – For Extension of validity of Environmental Clearance reg. [IA/MP/CMIN/125206/2019, J-11015/72/2004-IA-II (M)]			
(6)	Discussion on any other item with permission of the Chair			

LIST OF EXPERT APPRAISAL COMMITTEE (Coal Mining)

S.No	Name and address	Designation
(1)	Dr.Navin Chandra Director General MP Counsel of Science and Technology (MPCST) Vigyan Bhawan, Nehru Nagar, Bhopal - 462003 (Madhya Pradesh)	Chairman
(2)	Dr.Narmada Prasad Shukla Former Chairman, Madhya Pradesh Pollution Control Board, H-44-B, Apsara Complex, Indrapuri, A-Sector Bhopal- 462021.	Member
(3)	Dr. Manjari Srivastava Professor, School of Business Management, NMIMS (deemed to be University), V L Mehta Road, Vile Parle, West Mumbai -400 056 (Maharashtra)	Member
(4)	Shri N. Mohan Karnat IFS Group Coordinator (Research) Institute of wood Science and Technology, Malleswaram 18th Cross, P.O.Malleswaram, Bangalore-560003	Member
(5)	Dr. Sharachchandra Lele, Senior Fellow, Programme Leader (Forests & Governance), Convenor (Centre for Environment & Development) Ashoka Trust for Research in Ecology and the Environment, (AITREE), Royal Enclave, Srirampura, Jakkur P.O., Bangalore-560064.	Member
(6)	Shri Surmya Dolarray Vora Executive Director, Gujarat Science City, Plot no. 725/B, Sector-8C Gandhinagar -382007 (Gujarat)	Member
(7)	Dr. Gururaj P. Kundargi Ex. CMD, MOIL Limited Plot No. 32, MOIL Vatika, Chincholi Road, Fetri Nagpur - 441501(Maharashtra)	Member
(8)	Shri P. D. Siwal Representative of Central Electricity Authority (CEA), Room-206, 2nd Floor, North Wing, Sewa Bhawan, R.K.Puram, Sector-1, New Delhi -110066.	Member
(9)	Dr R K Giri Representative of Indian Meteorological	Member

	Department, O/o DGM, Room No.607, Mausam Bhawan, Lodi Road, New Delhi-110003.	
(10)	Dr. S. K. Paliwal Representative of Central Pollution Control Board (CPCB), Parviesh Bhawan, East Arjun Nagar, Delhi- 110032.	Member
(11)	Dr. Sunil Kumar Gupta Representative of Indian Institute of Technology (Indian School of Mines) Dhanbad -826004, Jharkhand.	Member
(12)	Dr. Jai.Krishna Pandey Sr. Principal Scientist & Head of Minerâ€™s Health and Safety, CSIR-Central Institute of Mining and Fuel Research (CIMFR), Technology Block, (Room No. TG-8) Barwa Road, Dhanbad â€™ 826 015 (Jharkhand)	Member
(13)	Dr. R.B. Lal Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhawan, 3rd Floor, Vayu Wing, Jor Bagh Road, New Delhi- 110003	Member Secretary

Basic Information

Important Note: Please send the information by e-mail **in word format and a signed & scanned copy** to the Member-Secretary at rb.lal@nic.in and munna.shah@gov.in prior to the EAC meeting. Please also provide a copy to the members of the EAC during the EAC meeting.

I. PROJECT DETAILS

1. Name of the project:
2. Name of the Company, Address Tele No. & E-mail :
3. Latitude and Longitude of the project
4. If a Joint venture, the names & addresses of the JV partners including their share
5. Details of coal linkage:
6. Whether the project is in the Critically Polluted Area (CPA):
- 7. Cost of the project :**
- 8. Employment generated/to be generated:**
- 9. Benefits of the project:**
10. Whether new or expansion project .If expansion:
 - i from MT to..... MT
 - ii What is the % of expansion
11. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.
12. If expansion, please indicate the number and date of the **certified Compliance Report** of Regional Office of the MoEF
13. No. and Date of the ToR /and revised ToR, if any, letter issued by the MoEF (if this is a case for EC)
14. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)
15. If the project was considered in EAC, Pl. give dates of the meeting (s).
16. Type of Mine: (Open cast/Underground/mixed):
17. Capacity of the mine applied for
18. ML Area
 - i. As per block allotment
 - ii. As per approved mine plan
19. Date of approval of mine plan, mine closure plan, status & date
20. Date of Board's approval:
21. Date of Ground water clearance:
22. Date of mine closure approval
23. Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details.

24. Geological Reserve:

II. TECHNICAL DETAILS

- i. Total geological reserve
- ii. Mineable reserve
- iii. Extractable reserve
- iv. Per cent (%) of extraction
- v. Range of ground water level
- vi. Total estimated water requirement:

25. Details of Seams:

- i. No of seams
- ii. Thickness of seams to be worked on
- iii. Grade of coal
- iv. Stripping ratio
- v. Category of gaseousness
- vi. Average gradient
- vii. Maximum thickness of seams

26. Method of mining:

27. Life of mine

28. Whether ambient air quality seasonal data has been documented. If so, from which season to which season and whether the results are within the prescribed limits.

29. Whether the certificate of compliance of earlier EC from MoEF Regional Office has been obtained, if the proposal is for expansion.

30. Details of O.B.

- i. External OB dumps
- ii. No of OB dumps
- iii. Area
- iv. Height
- v. Quantity (in MCm)
- vi. Year of back filling

31. Details of Internal Dumps

- i. Number of internal dumps
- ii. Area
- iii. Height
- iv. Quantity

32. Details of final Mine Voids

Area
Depth

33. Details of Quarry:

Total quarry area :

Backfilled quarry area ofha shall be reclaimed with plantation.
 A void of ha at a depth of m which is proposed to be converted into a water body.

34. Details of Land usage

LANDUSE DETAILS

S.N.	LANDUSE	Within ML Area (ha)	Outside ML Area (ha)	TOTAL
1.	Agricultural land			
2.	Forest land			
3.	Wasteland			
4.	Grazing land			
5.	Surface water bodies			
6.	Settlements			
7.	Others (specify)			
	TOTAL			

Pre-mining:
 Post- Mining:

S.N.	Land use during Mining	Land Use (ha)					TOTAL
		Plantation	Water Body	Public Use	Undisturbed		
1.	External OB Dump						
2.	Top soil Dump						
3.	Excavation						
4.	Roads						
4.	Built up area						
5.	Green Belt						
6.	Undisturbed Area						
	TOTAL	85					110

Core area

Details of Forest issues

- i. Total forest area involved (in ha) for mining
- ii. Status of Forest Clearance
- iii. Is there any National Park, eco-sensitive Zones, within 10 km radius? If so, give the details.
- iv. If the project is within 10 KM of radius of the wild life sanctuary, whether the Wild Life Management Plan has been prepared and approved. If so, pl

give the status, date of approval with the budgetary provision.

- v. Extent of forest land in the project (including safety zone and all types of forest land) (in ha)
- vi. Total forest land for which Stage-1 FC is available (give area in ha), provide breakup of this area in following format:

Area (in ha)	Stage-1 FC issued vide letter no.& date	Validity period of FC

- vii. Balance forest land for which Stage-1 FC is not available (give area in ha)
- viii. Details of wild life issues involved, if any. If so, whether WL management plan has been prepared and pl. indicate the status.

35. Cost of the project :

- i) Total capital Cost:
- ii) Cost of Production:
- iii) Sale Price:
- iv) CSR cost:
- v) R&R Cost:
- vi) No of PAFs:
- vii) Environmental Management cost:

36. Details of transportation of coal

- i. In pit:
- ii. Surface to siding:
- iii. Siding at loading:

37. Details of reclamation:

- a. Total Afforestation plan shall be implemented covering of mining. This will include:
 - i. Reclaimed external OB dump (in ha) :
 - ii. internal dump (in ha),
 - iii. Green belt (in ha)
 - iv. Density of tree plantation (in no of plants)
 - v. void (in ha) at a depth of (in m)which is proposed to be converted into water body
 - vi. Others in ha (such as excavation area along ML boundary, along roads and infrastructure, embankment area and in township located outside the lease etc).

38. Detailed Status of Progressive Mining Closure Plan (For expansion projects only)

- a) Implementation of various activities as per approved progressive mine closure plan (in Bar chart)
- b) Any deviation from the approved Progressive Mine Closure Plan.
- c) Total area excavated (in ha.)
- d) Total area backfilled after excavation (in ha.)

e) Total area reclaimed (in ha.)

III. LEGAL ISSUES

39. Pl give details , if the proposal is under any investigation
40. Any court cases pending. If so, please provide a list with details as annexure.
41. Any violation cases pending. If so, please provide a list with details as annexure
42. Give details of actual coal production vis-à-vis sanctioned capacity since the inception of mine in following format :

Year	EC sanctioned capacity (MTPA)	Actual production (MTPA)	Excess production beyond the EC sanctioned capacity

IV. PUBLIC HEARING ISSUES

43. Date and Place of public hearing:
44. Issues raised during Public Hearing and assurance given alongwith the financial provisions, if any, by the project proponent.(Please attach as an annexure in a tabular form.)

V. Consultant:

45. Name of the consultant who prepared the EIA/EMP report
46. Whether the consultant has been accredited by the QCI and NABL and whether it is accredited with Quality Council of India (QCI) /National Accreditation Board of Education and Training (NABET) as per the MoEF OM dated 2nd December, 2009

VI. IMG of Ministry of Coal :

47. Whether the project was considered by the IMG of Ministry of Coal for any irregularities. If so the no. and date of the show cause notice and the response of the MoC.

Signature of Proponent
Date

GENERAL INSTRUCTIONS FOR SUBMISSION & CONSIDERATION OF TOR/EC APPLICATIONS OF COAL SECTOR PROJECTS

I TOR/EC APPLICATION

1. Proponents should clearly specify the date of application, location (village, coalfield, Tehsil, District, State), production capacity (MTPA) and lease/project area (in ha), in the application and in the forwarding letter. (In case the lease area does not cover all aspects of the mining activities /operations such as infrastructure, buildings, roads, ext. OB dumps, etc., then the total project area should be given which includes the lease area and area falling outside the lease for mining activities/operations). In case of expansion projects, in case of expansion in production from_____MTPA to _____MTPA or for ML/ project area from_ha to_ha should be given.
2. Production capacity should indicate both normative and peak capacity. Both TOR and EC applications should be on this basis. Peak capacity means the highest achievable production capacity from the mine taking into consideration the geo-mining characteristics, equipment, manpower deployment, man hours, etc achievable for the mine and exigencies for enhancement of production. The peak capacity that is achievable for the project, for which EC has been applied for, should be also reflected in the approved Mining Plan.
3. The Name and address of the Consultant who has prepared the EIA-EMP Report should also be given on the cover of the EIA-EMP and on the cover of the Hard copy of the presentations made to the EAC. The details of QCI registration along with the No. should also be indicated.
4. Details of Land use breakup of the lease area and study area should be based on land use - details of agricultural land, forest land, wasteland, grazing land, surface water bodies, settlements, etc. and not based on land ownership such as tenancy land, Govt. land, revenue land, etc.
5. The application should be signed by a person of the Company or someone authorised by the company and **the name of the signatory and the position in the company** should be clearly stated in the forwarding letter and in the application (Form-I) and in the EC application. Applications not with the aforesaid details would be treated as incomplete applications.
6. In case the Ministry of Coal has allocated the Coal Block to one or more companies,

and the Allotment letter stipulates constitution of a Joint Venture, however, the lease is in the name of one of the members of the JV, then the application for EC (TOR and EC based on TOR) must be made by the concerned lessee of the JV only. If the lease is jointly allotted to the JV, the application should be made by the JV allotted the lease. Individual members of the JV cannot make the application unless they are the lessee of the coal block.

7. Such an application must include the following: (i) The MOC Allotment Letter of the Coal Block, (ii) Copy of constitution of the JV under the Companies Act, (iii) MOU entered by the JV companies vide MOC Allotment letter.

8. The Application for TOR should be made **only when** toposheet of the study area has been procured.

9. The Application for TOR should be made **only after** the geological report of the coalmine project has been completed for the project area for which the coal mining project is being formulated and is being sought TOR.

10. All the sections in the Form-I (Revised) should be filled in. No section should be left blank.

11. A CD (soft form) in PDF and in WORD format of the TOR Application containing the Form-I and the Pre-feasibility report) and EIA-EMP and supporting documents for the EC application should be submitted to the MOEF at the time of application. These should be forwarded to the EAC members at the time of circulation of the application along with MOEF covering letter indicating its inclusion in the agenda for the EAC meeting.

12. Pl. send all your communications **to MOEF by SPEED POST** (India Post) as most of the Courier agencies are not permitted within the CGO Complex. Copies to EAC members could be by Courier/Speed Post.

13. **No change can be made in the application** (Form-I and the pre-feasibility Report) **at the time of circulation to EAC members.** In case the details provided in Form-1 and the pre-feasibility Report require changes, then a formal letter from the company along with the revised application should be made to the Ministry indicating the specific changes made. In case the application requires revision, the revised application should state at the top of the Form-I (Revised along with date of revision). **Only after obtaining prior permission from MOEF,** the revised application (or original applications can be circulated for presentation before the Committee.

14. An approved Mining Plan is not required at the TOR stage. In case of new projects, it is desirable to submit applications for TOR when the Mining Plan is under finalisation/draft stage, the details of which can be provided in the pre-feasibility report).

An approved

Mining Plan along with MOC approval letter is required at the EC stage.

15. In case of applications under Section 7.2 (ii) for expansion projects with prior EC for the project of a lesser production capacity/lease area/both and the present application is for expansion in production/ lease area/ both/ modernisation, the application (Form-I) should be submitted under Section 7 (ii) of the EIA Notification 2006, enclosing the following: (i) a copy of the EC letter, (ii) a copy of the EIA-EMP Report of the earlier EC, (iii) copy of the proceedings of Public Hearing conducted on the project of earlier EC (and authorised English translation in case the P.H. is not in English) and status of implementation of issues raised therein, (iv) An Addendum EIA-EMP Report of not more than 25-30 pages which will form part of the pre-feasibility report of the expansion project report covering all aspects of EIA-EMP for the proposed expansion - status of env. quality, specific issues on which impacts are anticipated and the proposed EMP/ mitigative measures proposed for the expansion project vis-à-vis the project for which EC was obtained.

In addition, a detailed compliance report on the earlier EC along with status of implementation of R&R (in case the project involved an R&R) should be also furnished in the Addendum EIA-EMP Report.

16. Applications for new/expansion Projects having a baseline data of more than 3 years will require fresh generation of baseline data based on the recent NAQQM Notification of 2009. Baseline data for AAQ should be consistent with meteorological data for the same season. It can be for any season except monsoon. **In case, baseline data has been collected before application has been made for the TOR**, the details of the data are required to be presented before the EAC for their approval for grant of TOR. **The minutes of the meeting must make a definite reference that the baseline data has been collected before the application was made for TOR**, however, EAC has approved the base line data and locations of stations.

17. If a captive coal washery is proposed to be constructed within the lease/project area or in the vicinity of the proposed (new) coal mining project for which TOR application is being made, then for such cases, an application for TOR for the integrated coal mine-cum-washery unit should be submitted.

18. Production capacities of coal mining as well as for the washery should be in ROM.

19. Circulation of the application for TOR should be made so as to reach the EAC members at least 10 days before the scheduled date of the meeting. The applications (Form-I and the pre-feasibility report) should be photocopied back-to-back while submitting to the Ministry and while circulating to the EAC members.

20. Once a TOR has been granted by the Ministry, the project proponent cannot make any changes to any TOR Condition or project parameters without prior approval of the Ministry.

21. The name and address of the Consultant who is registered with QCI can prepared the EIA-EMP Report. The name of the Consultant who has prepared the EIA-EMP Report should be available on the hard cover of the Reports (pre-feasibility report at the TOR stage and the EIA-EMP Report at the EC stage). Wherever secondary data has been included, it should be specifically stated so along with source of data and year of data collection.

II TOR/EC PRESENTATION TO THE EAC COMMITTEE

22. Presentation to EAC should be made by the lessee only. However, representatives of the JV could also attend. In case the JV or one of the companies of JV is making the presentation on behalf of the lessee, a letter of Power of Attorney by the lessee/JV owning the lease is required for making the presentation for TOR/EC.

23. A senior level representative of the Company who is of a level of decision maker should appear before the Committee. If the company so desires, the senior representative could be accompanied by his team along with consultants who is registered with QCI. The name of the consultant and the registration No with QCI should be provided on page 1 of the Hard Copy circulated at the time of presentation.

24. The following maps/topo sheets and schematic diagrams are essential for the presentation:

Land use maps (1: 50,000 scale) based on recent satellite imagery indicating the topographical and land use features of the study area (10km buffer zone surrounding the core zone) should be furnished. In case of ecologically sensitive areas as defined in the EIA Notification 2006 – Appendix I Form 1 – III Sensitivity of (for eg. Areas near Wildlife Sanctuaries/Tiger Reserves/National Parks/Archaeological monuments, areas falling near/within elephant habitats/migratory corridors), a 15km map of the buffer zone should be presented. Satellite imagery should also be provided.

Land use Map of the study area (core zone and 10km of the buffer zone) on the topo sheet (1: 50,000 scale) indicating the broad topographical features of the land use (agricultural land, forestland, grazing land, wasteland and surface water bodies) **and not based on land ownership** of the core zone and buffer zone should be furnished. The maps should also contain the other features such as major roads, Highways, Railway lines, other mines and industries, habitations, etc.

25. In case the features are not clear in the topo sheet, map of the study area (core zone and buffer zone) superimposed on the topo sheet (1: 50,000 scale) preferably on Computer-Aided-Design (CAD) should be presented.
26. **Landuse map of the coalfield** showing major landuse features including forests and drainage and location of project within the coalfield along with locations of other coal mines, main coal transportation routes, etc should be shown.
27. **A landuse map based on toposheet of the study area (1: 50,000 scale)** indicating the hydrological features (rivers, canals, streams, nallas, water tanks, etc.) within the core zone and buffer zone should also be provided.
28. A more detailed **area drainage contour map** of the core zone and 2-5 km of the buffer zone (where the water courses of the core zone ultimately join the major rivers/streams outside the lease/project area) should also be clearly indicated in a separate map.
29. In case of any proposed diversion of nallah/canal/river, the proposed route of diversion/modification of drainage and their realignment, construction of embankment etc. should also be shown (in dotted lines) on the map.
30. Similarly if the project involves diversion of any road/railway line passing through the ML/ project area, the proposed route of diversion (in dotted lines) and its realignment should be shown.
31. A **separate map of the core zone** indicating the proposed locations of quarry area, ext. OB dumps, and other mining operations should be shown on the map. For projects where the Mining Plan is under finalisation, the progressive mine development and final mine closure plan should also be shown as figures.
32. A schematic diagram of the route of coal transportation from mine face to end user along with km distance should be shown.
33. TOR application/presentation should indicate details of secondary data available on the study area. In addition, method of collection of the baseline data, along with met. data of nearest station of IMD along with wind roses along with proposed locations of monitoring stations shown on the study area map (Core zone and buffer zone), etc should be furnished. Similarly details of proposed locations of stations for water quality monitoring and noise levels should also be provided.
34. All presentation slides and maps should be clear and legible with proper indexing and colour **as per standard colour codes**. The slides on the presentation material should be

numbered.

35. Hard copies of Presentation made on TOR during the meeting should be page numbered and **photocopied back-to-back** (except for maps which should be preferably in A3 size).
36. Hard copy of the presentation should contain the following information on its cover:
- a. Name of the Project & Location (village, Tehsil, Name of the Coalfield, District, State)
 - b. Name of the Company
 - c. Production capacity (in Million tonnes per annum) (MTPA) (in ROM)
 - d. Lease/project area (in ha)
 - e. If it is a case of expansion, then from ... MTPA to MTPA or from ... ha to ha or both (if it involves expansion in lease area and production capacity)
 - f. Date of presentation (each time it comes up for consideration should be indicated along with the date in addition to the above).
 - g. Presentation before the EAC can also be made only by consultants who are registered with QCI vide MOEF Circulars. The name of the Consultant and address should also figure on the Cover of the presentation/slide 1 of the presentation.