

**30th meeting of Expert Appraisal Committee for the proposal involving violation of
EIA Notification, 2006 to be held on 3rd - 4th February, 2020**

REVISED AGENDA

Venue: Conference Hall (**Teesta**), First Floor, Vayu Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003

Please Check MoEF&CC Website at <https://parivesh.nic.in> for details and updates

Day 1: 3rd February, 2020

Time: 10:30 AM

30.1. Opening remarks of the Chairman

30.2. Confirmation of the minutes of the 29th meeting held on 30th - 31st December, 2019 at Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

30.3 Proposal for consideration

S. No.	Proposal
30.3.1	Expansion of Jagannath Opencast Coal Mining project from 6 MTPA to 7.5 MTPA with increase in mine lease area from 430.76 ha to 553.946 ha of M/s Mahanadi Coalfields Limited, located in District Angul, Odisha - Further consideration for Environmental Clearance [IA/OR/CMIN/108556/2018 dated 19.06.2019] [F. No. J-11015/177/2015-IA.II(M)]
30.3.2	Expansion of production capacity of Chlorinated Paraffin Plasticizer and Hydrochloric Acid at Survey No. 62/A Near Sree Rayalaseema Alkalies & Allied Chemicals Ltd., Gondiparla, Kurnool, Andhra Pradesh of M/s Shivtek Industries Private Limited - Terms of Reference [IA/AP/IND2/72163/2018] [F. No. J-11011/21/2018-IA-II(I)]
30.3.3	Expansion of Molasses based Distillery Plant from 30 KLPD to 60 KLPD at Survey No. 290, Village Sainagar Ranjani, Tehsil Kallam, District Osmanabad (Maharashtra) by M/s Natural Sugar & Allied industries Ltd. - Environmental Clearance [IA/MH/IND2/129023/2002 dated 16.01.2020] [F. No. 23-103/2018-IA.III (V)]
30.3.4	Expansion of Common Effluent Treatment Plant (CETP) of 9 MLD located at Bhiwadi, Rajasthan by M/s Bhiwadi Jal Pradushan Niwaran Association - Environmental Clearance [IA/RJ/MIS/136726/2018 dated 13.01.2020] [F.No. 23-22/2019-IA.III (V)]
30.3.5	Belkundi Iron & Manganese Mines (M.L. Area 1276.79 Ha) for enhancement of Iron ore production to 1.8 MTPA and Manganese ore to 0.3 MTPA at Villages Belkundi, Nalda, Karakolha, Karkhendra, Uliburu, Tehsil Barbil, District Keonjhar, Odisha by M/s Orissa Mineral Development Company Ltd. - Further consideration for Terms of Reference [Old Proposal No. IA/OR/MIN/68062/2008 dated 07.09.2017] [F. No. 23-204/2018-IA.III (V)]

Day 2: 4th February, 2020

Time: 10:00 AM

30.4.1	Mining of Mica, Quartz and Feldspar of production capacity 1500 TPA of Mica, 1500 TPA of Quartz, 6000 TPA of Feldspar (Max) in a mining lease area of 116.428 Ha at Sy no. 153, 160/P, 161 & 165/P, Kalichedu Village, Sydapuram Mandal, S.P.S.R Nellore District, Andhra Pradesh by M/s Sree Kalyana Rama Company - Further consideration for Environmental Clearance [IA/AP/MIN/119099/2018 dated 10.10.2019] [F. No. 23-231/2018-IA.III (V)]
30.4.2	Mining of Limestone minerals at Village Chakdura Bathyn, Khrew, Tehsil - Pampore, District Pulwama, Jammu and Kashmir by M/s Dawar Cement Pvt. Ltd over an area of 21.106 Ha. – Further consideration for Terms of Reference [IA/JK/MIN/65104/2017 dated 02.06.2017] [F. No. 23-23/2019-IA-III(V)]
30.4.3	Modernization of Rourkela Steel Plant, SAIL by adding new 125 TPD Sulphuric Acid Plant in place of old 60 TPD plant in the State of Orissa by M/s SAIL Rourkela Steel Plant - Re-consideration for Environmental Clearance [Old Proposal No. IA/OR/IND/63491/2017 dated 31.08.2017] [F. No. 23-104/2018-IA.III (V)]
30.4.4	Expansion of Surda Copper Mine from 0.39 million TPA to 0.9 million TPA (ROM) by M/s Hindustan Copper Ltd., located at village (s) - Surda, Sohada, Pathargora, Benashole villages and Forest Block No. 1098, Tehsil - Ghatsila, District - East Singhbhum, Jharkhand (MLA: 388.68 ha) - Terms of Reference [Old Proposal No. IA/JH/MIN/26614/2012 dated 05.05.2016] [F.No. 11015/80/2012-IA.II(M)]

30.5 Discussion on any other item with permission of the Chair.

Important Note:

1. The project proponents are requested to send the project details in respect of establishment/identification of violation (by SEIAA/MoEF&CC) in the prescribed format in Annexure (I-XII), as per applicability (**in word format only**). **Specifically Annexure-XI or XII is mandatory for EC application.**
- (i) The project proponents should submit the Form-1, Pre-feasibility report for TOR along with other requisite documents, Environment Impact Assessment Report, **Form - 2 for EC application**, public hearing report, queries subsequently raised by the Ministry, if any including details of the court matters/Orders of the Court pertaining to the project if any, in original, duly signed by the company authorized signatory for Environmental Clearance, 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.

Note: Submit a copy of each of above documents - Hard and Soft Copies (Pen Drive) to the Member secretary, Violation (Note: Not by Name**) by speed post so as to reach well in time.**

- (ii) Compliance Report from Regional Office, MoEF&CC (Applicable for projects already having EC).
- (iii) **Only soft copies of above said documents through e-mail as well as Pen drive shall be sent to the Chairman & Members of the EAC at addresses mentioned in this Agenda.**
2. 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/documents before the meeting, the Committee will not consider the project.**
3. 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.
4. 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.
5. 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., www.envfor.nic.in / www.envclearance.nic.in.
6. Kindly send a **brief write up/executive summary of 1-2 pages (**in Word Format only**)**, **KML/Shape file** to the Member Secretary at kodali.rk@gov.in, mohit.saxena@gov.in and mefcc.ia3@gmail.com at least one week prior to the EAC meeting, and the project details in the enclosed formats (Annexure-I, II, III & IV). Kindly

indicate the agenda no. in the e-mail and also on the first page of the documents circulated during the meeting.

7. Distribution of writing pads, pens, plastic folders and unnecessary stationery items during the meeting is not permitted. Distribution of colour print out may be avoided unless it is stated specifically.
8. 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 2nd December, 2009.
9. **Important note: Submission of Affidavit with respect to Hon'ble Supreme Court order dated 02nd August, 2017, letter of intent for mining lease and certified production details from DMG is compulsory during EAC meeting for non-coal mining projects.**
10. 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 report.
11. Number of persons allowed for submission before EAC will be **not more than five**, including two from Project proponent, two from accredited consultant and one for assistance to the team.
12. EIA Co-coordinator who has prepared EIA/EMP report, shall present before EAC during presentation.
13. 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 may ensure:
 - (i) Break-up of the capital and recurring cost of the EMPs along with the timeline for incurring the capital cost.
 - (ii) 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.
 - (iii) 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.

List of the Members

1. Dr. S.R. Wate, Director (Retired), National Environmental Engineering Research Institute, Nagpur; E-mail: satishwate@gmail.com
2. Dr. G.V. Subrahmanyam, Advisor (Retired), MoEFCC, C-22, KendriyaVihar, Sector 51, Noida – 201301; E-mail: sv.godavarthi@gmail.com
3. Dr. A.L. Ramanathan, Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Mehrauli Road, New Delhi – 67; E-mail: alrjnu@gmail.com
4. Dr. M.V. Ramana Murthy, Advisor, ICMAM, NIOT Campus, Pallikarai, Chennai - 600 100; E-mail: ramana2865@gmail.com
5. Shri K Gowarappan, Plot No. 6, Ganesh Avenue, II Street, Sakthi Nagar, Porur, Chennai – 600116; E-mail: gowrappanmail@gmail.com
6. Dr. Dilip S. Ramteke, Scientist (Retired), NEERI, 64-B, AdhyapakLayout, Behind AnusayaMangalKaryalya, Near Hingana T Point, Nagpur - 440 036; E-mail: dsramteke@rediffmail.com
7. Dr. Poonam Kumria, Professor, Geography Department, Miranda House, University of Delhi, Delhi – 7; E-mail: poonamkumria@yahoo.co.uk
8. Dr. Bharat Jain, Dy. Chief Engineer (Retired), GIDC Gujarat Cleaner Production Centre, UdyogBhavan, Gandhinagar – 11; E-mail: jain.bharat1953@gmail.com
9. Dr.SubrataMaity, Professor (Retired), BCKV (Agriculture University), B2/210 Kalyani, Nadia - 741235 (West Bengal); E-mail: subrata.maity@gmail.com
10. Shri Ashok Agrawal, 405, Sector-31, Gurugram - 122 001 (Haryana); E-mail: ashok_bdk@yahoo.com
11. Shri Raghu Kumar Kodali, Scientist F, Ministry of Environment, Forest and Climate Change, Indira ParyavaranBhawan, 5th Floor, Vayu Wing, Jor Bagh Road, Aliganj, New Delhi -3; E-mail: kodali.rk@gov.in (**Don't Send Hard copy to Member Secretary**)

(Note: Please send Hard copy (documents) to): Section Officer, IA-III Section, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, 6th Floor, Akash Wing, Jor Bagh Road, Aliganj, New Delhi -3)

Check list for ToR (Coal Mining Projects)

1. The Project Proponent and the accredited consultant M/s., made a detailed presentation on the salient features of the project.
2. The project involves manufacturing/extraction of name of mineral of production capacity()byM/s.....in an area ofhectare at_____, village _____Taluka/Mandal_____, District _____ (State).
3. The said project/activity is covered under category _____ of item _____ of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different States/UTs.
4. Whether project attracts the General Condition specified in the Schedule of EIA Notification (Yes/No)? [provide name of WL/CPA/ESA/Inter-state boundary / International boundary and distance from the project]:
5. River/ water body..... is flowing at a distance ofin..... direction.
6. Details of Forest issues, if any:
7. Details of Consent to Operate:
 - (i) Whether Consent to operate obtained (Yes/No)? If yes,
 - (ii) Date of issue
 - (iii) Valid up to
 - (iv) Submit Copies of all Consent to operate obtained since inception
8. Mine Capacity in ROM (Run of Mine):
9. Whether the proposal is mining of Minor minerals project (Yes/No)?
10. Whether the proposal is mining of Major minerals project (Yes/No)?
11. No. of Mineral to be Mined with name:
12. Details of mine lease: -
 - (i) Date of entering into original lease deed:
 - (ii) Date of expiry of original lease deed:
 - (iii) Date of 1st lease renewal:
 - (iv) Whether renewal or deemed renewal:
 - (v) Date of expiry of 1st lease renewal/deemed renewal:
 - (vi) Date of 2nd lease renewal:
 - (vii) Whether renewal or deemed renewal:
 - (viii)Date of expiry of 2nd lease renewal / deemed renewal:
 - (ix) Date of 3rd lease renewal:
13. Details of DGMS permission, if any:

14. Details of past production of mine since its inception duly in tabular form:
(Hard copy authenticated by Department of Mines & Geology, State Government to be submitted)
15. Details of Violation (***Brief description of the project activity that leads to violation of EIA Notification, 2006***):
16. The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under: (**Note: Do not furnish details in Annexures**)
- (i) Date of application for TOR/EC submitted to MoEF&CC/SEIAA:
 - (ii) Date of appraisal of EAC/SEAC meetings so far:
 - (iii) Observations/recommendations of the EAC/SEAC in **each meeting**:
 - (iv) Details of action taken by the State Government/SEIAA u/s 5/u/s 19 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006:
 - (v) Complaint case filed by the State Government/State Pollution Control Board:
 - (vi) Further consideration of the proposal by the EAC/SEAC, in case action was taken as mentioned in point (iv) and (v) above. If yes, furnish details:
 - (vii) Final recommendations of MOEF&CC/SEIAA in reference to point (vi) above
 - (viii) Legal interventions, if any

Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

Check list for ToR (*NonCoal Mining Projects*)

1. Project description

The Proposal of M/s (Name of the Company) is for Mining of -Name of the Minerals- from -Name of the Mine- for Total Excavation ____ Million Tonne per annum (MTPA)/ / Tonne per annum (TPA) [including ____ million tons of (Name of the mineral), Waste, O.B, Inter Burden, Top Soil etc.] from mining lease area (in Ha) located at Villages____, Tehsil _____, District _____, State_____ by M/s _____

2. Project Background

The proposal of M/s _____ is for production of Million Tonne per annum (MTPA)/ / Tonne per annum (TPA) of Name of the Minerals from -Name of the Mine- (ML Area __Ha, located at Survey No.____, at Villages____, Tehsil _____, District _____, State_____. The mining lease is located on Survey of India Topo-sheet no.____. The area is bounded between the coordinates Latitude __N to __N and Longitude E to ____E

3. Category of the Project (Refer cluster certificate if applicable)

The said project/activity is covered under category ____ of item ____ of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different States/UTs.

4. Violation Details & Sectorial EAC/SEAC Comments:

[Provide complete detail about violation, comments/recommendations of sectorial EAC or SEAC before submitting the application on violation portal.]

[Chronological submission of all the events with recommendation of the committee].

5. Application (Form-1 & PFR)

Fresh application was made online vide proposal no. _____ dated _____ under **violation category** for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule _____ of EIA Notification, 2006 and is a category ' ____ '

[Note: Incase project is of category B,B1 & B2 add line "appraised at EAC (MoEF&CC) because of WL/CPA/ESA/Inter-state boundary / International boundary at ____ (km) distance from the project]

[Note : In case of minor minerals if any, please furnish cluster details]

6. Details of Minerals:

Number of minerals. Whether mineral is major or minor. Status of same mineral before 2006 (major or minor):

7. Letter of Intent (LoI)/Mining Lease Details:

Letter from the Deputy Director of Mines and Geology, _____ vide order no. _____ dated _____ and the lease deed was executed for no. of years w.e.f. ___date___ and is valid till ___date___

[Note: Provide full lease detail i.e when was original lease deed executed. Detail about successive renewal, transfer of mining lease if any, execution of supplementary deed due to surrender of the portion of the mining lease or addition of area or mineral, if any etc.]

8. Method of Mining & Mining Plan Details:

- The Mining Plan was approved by IBM/DMG vide LR No. _____ dated _____. As per which the method of mining shall be opencast/ underground/ mechanized etc.
- Please provide the details of drilling & blasting, bench height and width, ultimate pit limited, ultimate pit slope, intersection of ground water table if any,
- Number of top soil dumps with area and capacity, no of waste/reject dump with area and capacity during the plan period and at the conceptual stage, backfilling plan if any,
- Details of crushers /screen/beneficiation plant if any with capacity and numbers, water requirement for the project, plantation details, green belt details.
- Land use as per mining plan at the end of plan period and at conceptual stage.

9. Other Waste Generation, if any:

[Details of any other waste generated during mining activity and its mitigation measures]

10. Land Use (Forest/Agricultural/Waste):

[Details of necessary clearance/permission in case of Forest /Agricultural/ Waste land/Grazing land and water bodies involved in the ML Area]. In case Forest Land involved, furnish details about status of Forest Clearance]

11. Details of past production since inception of mine authenticated by DMG

Prepare table of past production in word format with reference to DMG letter no..... dated.....

12. Applicability of General Condition & Status of SEIAA:

[Submit details about Wildlife Sanctuaries or Habitats for any Specific Wildlife within 10 km radius of the ML Area]

[Status of SEIAA i.e operation or tenure is over (provide details in case proposal is of category B only)]

[Submit details about Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area, if any]

14. Project Cost & Employment:

[Furnish-Details of Project Cost & Employment. Details about economic development package under different heads (example: education, skill development, health care, road network etc.). Budget details (both capital and recurring) for planning of mining activities with respect to safety and environment quality sustenance, execution of mining activity as per mining plan, preservation of biodiversity and awareness program etc.]

15. Affidavit for SC Order 2.08.2017:

Note: Submit affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

16. Status of DSR, in case of minor mineral

Note: Submit status of DSR in case of minor mineral. If available, please submit.

List of Documents and Certificates

Sl. No.	Details	Remarks
1.	Authorization Letter	
2.	Form-1 (signed)	
3.	PFR (As per Guidelines)	
4.	Presentation Copy	
5.	Mining lease Deed/Lol	
6.	Mining Plan approval letter	
7.	KML File/Lease Boundary authenticate by DMG	
8.	Involvement of Forest Land, if any	
9.	Distance from the Protected area. GC Applicability, if any	
10.	Schedule-1 Species, if any	
11.	Cluster Certificate	
12.	Conversion of Agricultural Land to Non-Agricultural land, if any	
13.	Public Hearing Minutes	
14.	RO Compliance Certificate/Report, if applicable	
15.	Past Production Details authenticated by DMG	
16.	CTE/CTO	
17.	DGMS 106 (2)(b) permission, if applicable	
18.	NOC for withdrawal of Surface/Ground water from Concerned authorities.	
19.	NABET Certificate of the Consultant engaged	
20.	Undertaking from PP regarding information submitted to the Ministry is factually correct	
21.	Undertaking from Consultant regarding information submitted to the Ministry factually correct	

Information for (Non-Coal mining / Coal Mining projects)

PP shall provide the following details at the time of appraisal of the project: -

- a. *Compliance of order dated 2.8.2017 in CWP No. 114/2014 of Hon'ble Supreme court*
- b. *Details of demand if any raised by Department of Mining and Geology*
- c. *Details of payment, if any made to Department of Mines & Geology*
- d. *Validity of mine lease*
- e. *Status of mine whether working or not*
- f. *Details of past production of mine since its inception, duly authenticated by Department of Mines & Geology.*
- g. *Copy of affidavit needs to be submitted by PP in compliance of the Ministry's OM no. 3-50/2017-IA.III (Pt.), dated 30th May 2018. (mandatory)*
- h. *KML/Shape Files of the mine lease area at the time of presentation before EAC and to present on the details of mine lease online to show the present status of mine lease.*
- i. *In accordance with the circular no. J-11011/618/2010-IA.II (I) dated 30.5.2012, **in case of expansion project and or renewal of mine lease** 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.*

Note: The KML/Shape files should be emailed to ministry email addresses mentioned in above page at least 5 days prior to the meeting.

Basic Information (Non-Coal mining / Coal Mining Projects)**I. PROJECT DETAILS**

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

Details of mine lease:-

1. Date of entering into original lease deed.	1. Date of 1 st lease renewal	1. Date of 2 nd lease renewal	1. Date of 3 rd lease renewal
2. Date of expiry of original lease deed	2. Whether renewal or deemed renewal	2. Whether renewal or deemed renewal	2.....
	3. Date of expiry of 1 st lease renewal/deemed renewal	3. Date of expiry of 2 nd lease renewal / deemed renewal	3.....
			[ALSO FOR SUBSEQUENT RENEWALS.....]

II TECHNICAL DETAILS

22. Geological Reserve:

- (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:
- (vii) Details of intersecting ground water level

23. Details of Deposits :

- (i) Depth of over body
- (ii) Grade of ore
- (iii) Stripping ratio

24. Method of mining:

25. Life of mine

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

27. Whether the monitoring report of earlier EC from MoEF Regional Office has been obtained, in case the proposal is for expansion.

28. Details of O.B.

- (i) External OB dumps
- (ii) No of OB dumps
- (iii) Area of each dump
- (iv) Height of each dump
- (v) Quantity (in MCm) of OB in each dump
- (vi) Year of back filling
- (vii) No. of OB dumps reclaimed
- (viii) If garland drains and settlement facility for runoff created
- (ix) Whether runoff water being utilized

29. Details of Internal Dumps

- (i) Number of internal dumps
- (ii) Area of each dump
- (iii) Height of each dump
- (iv) Quantity of wastes filled (MCm)

29. Utilization potential of wastes

- (i) Within the mines
- (ii) Outside mines
- (iii) Efforts made by proponent

30. Details of final Mine Voids

- (i) Area
- (ii) Depth

31. Details of Quarry:

- (i) Total quarry area :
- (ii) Backfilled quarry area ofha shall be reclaimed with plantation
- (iii) A void of ha at a depth of m which is proposed to be converted into a water body
- (iv) Green belt created in ha.

32. Details of Land usage

LANDUSE DETAILS

S. No.	Land Use	Within ML Area (Ha)	Outside ML Area (Ha)	Total
1.	Agriculture land			
2.	Forest land			
3.	Wasteland			
4.	Grazing Land			
5.	Surface water bodies			
6.	Settlements			
7.	Other (Specify)			
	TOTAL			

- (i) Pre-mining
- (ii) Post- Mining

S. No.	Land use during Mining	Land Use (Ha)				
1.	External OB Dump	Plantation	Water Body	Public Use	Undistributed	TOTAL
2.	Top soil Dump					
3.	Excavation					
4.	Roads					
5.	Built up area					
6.	Green Belt					
7.	Undisturbed Area					
	TOTAL					

- (iii) Core area

33. Details of Forest issues

- (i) Total forest area involved (in ha) for mining lease.
- (ii) Total broken forest area.
- (iii) Status of Forest Clearance and extend of forest land diverted in ha.
- (iv) Is there any National Park, eco-sensitive Zones, within 10 km radius? If so, give the details.
- (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 earlier FC granted

- (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; pl. indicate the status.
 (ix) Whether schedule -I species, if yes conservation plan is approved by CWLW?

34. Costs 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) Cost for implementing EMP:

35. Details of villages/habitation in mine lease area

- (i) Inside the lease
 (ii) Surrender by lease
 (iii) Extent of cropland acquired/ being acquired in ha.

36. Details of transportation of mineral

- (i) In pit:
 (ii) Surface to siding:
 (iii) Siding to loading:
 (iv) Quantity being transported by Road/Rail/conveyer /ropeway
 (v) Proposed change in transportation means if any, give details

37. Details of reclamation:

- a. Afforestation shall be done covering an area of: ha at the end 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).
 - (vii) Agriculture and horticulture
 - (viii) Fisheries
 - (ix) ECO Tourist/recreation spot

III. LEGAL ISSUES

38. Any court case pending. If so, please provide a list with details as annexure.
- (i). Environment (Protection) Act
 - (ii). Air (P&CP) Act
 - (iii). Water (P&CP) Act
 - (iv). MMRD Act
 - (v). The Factories Act
 - (vi). Other land R&R related cases
39. Any violation cases pending. If so, please provide a list with details as annexure
40. Give details of actual production vis-à-vis sanctioned capacity since the inception of mine in following format or since 1993-94 as applicable:

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

IV. PUBLIC HEARING ISSUES

41. Date and Place of public hearing:
42. The designation of officer presided over the PH
43. Issues raised during Public Hearing and assurance given along with the financial provisions and action plan, if any, by the project proponent. (Please attach as an annexure in a tabular form.)
44. Number of representation received in writing from the district and outside of district, please give details

V. Consultant;

45. Name of the EIA consultant who prepared the EIA/EMP report.
46. Whether the consultant has been accredited by the QCI and NABET as per the MoEF OM dated 2nd December, 2009.
47. Name of specialists/consultants involved in making EIA report and in collecting data.

VI. IMG of Ministry of Coal (Only for Coal Sector):

48. 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.

VII. Other Information

49. One page summary for TOR and EC separately as applicable.
50. Brief Background of the Project as per table:

1.	Details of PP and Group companies	
----	-----------------------------------	--

	(a)Financial Position (b)Group companies (c)Legal issues (d) Past and current litigations	
2.	Social, economic and environmental aspects of the project in brief.	

Annexure IV (A)

Financial Year	Mining Lease Detail (Initial, Renewal, Transfer) with date and Validity	EC Details Capacity (Tonne), dated ,Letter No, amendment etc.	Details of FC	CTE	CTO under Air act (Date, validity, Capacity)	CTO under Water Act (Date, validity, Capacity)	Mining Plan /Mining Scheme		DMG Certified Production (Tonne)	Remarks
							Proposed production (Tonne)	Achieved Production (Tonne)		
1993-94										
1994-95										
1995-96										
1996-97										
1997-98										
1998-99										
1999-2000										
2000-01										
2001-02										
2002-03										
2003-04										
2004-05										
2005-06										
2006-07										
2007-08										
2008-09										
2009-10										
2010-11										
2011-12										
2012-13										
2013-14										
2014-15										
2015-16										
2016-17										
2017-18										
2018-19										

Note:- The Data filled above should be supported by relevant document.

Check list for EC

Annexure-V

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"> • Land use pattern/ Total plot area/ built up area • Total water requirement and its source • Waste water generation, treatment and disposal • Municipal solid waste generated disposal facility • Power requirement and source • Proposed energy saving measures • RWH • car parking • Investment/Cost of the project • Benefits of the project • Employment potential 	
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	

Check list for ToR (*Infrastructure/Construction Projects*)

The project involves construction of residential cum commercial complex (*Name of the project/building*) with total built up area ofsqm in a total plot area ofsqm at, village, Taluka/Mandal, District (*State*) by M/s

The project site is permitted for residential cum commercial use as per approved Master Plan of the area. Planning/building permission for built up area of sqm was obtained from the *Directorate of Town & Country Planning, Pune* vide letter dated *17th July, 2010*, followed by non-agricultural use order by the *District Collector, Pune* on *6th September, 2010*.

The said project/activity is covered under category *B* of item 5() of Schedule to the EIA Notification, 2006, and requires prior EC from the SEIAA in *Maharashtra* based on the appraisal by SEAC.

The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:-

Application for EC was submitted to SEAC-III/SEIAA in <i>Maharashtra</i>	<i>Date</i>
Appraisal by SEAC in its meetings (Attach minutes of the meetings)	<i>Dates</i>
Final observations/recommendations of the SEAC to the SEIAA/State Government	<i>The Committee observed that the project proponent has initiated construction work without obtaining the prior EC and thus violated provisions of the EIA Notification, 2006. The Committee referred the matter to the Environment Department/SEIAA for ascertaining the alleged violation and action under the EP Act, 1986.</i>
Action taken by the State Government/SEIAA	<p>The Environment Department of the State Government vide letter <i>August, 2014</i> issued directions u/s 5 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006, which were replied by the project proponent on <i>25th August, 2014</i>. The State Government, after taking note of the submissions of the project proponent, confirmed the directions u/s 5 of the EP Act, 1986 on <i>13th February, 2015</i>, with the directions to stop the construction work till EC is obtained from the competent authority.</p> <p><i>SEIAA asked the project proponent to furnish a resolution expressing apology on the violation already committed.</i></p>
Complaint case filed by the State Government/State Pollution Control Board	Complaint case No. <i>401328/15</i> was filed by the <i>MPCB</i> in the court of <i>Chief Judicial</i>

	<i>Magistrate, Pune, still pending for disposal.</i>
Further consideration of the proposal by the SEAC and recommendations	<i>Dates</i>
Final recommendations of SEIAA	<i>SEIAA in its meeting held in April, 2016, came to the conclusion that in view of the blatant violation and utter disregard of the provisions contained in the EP Act, 1986, the proposal is not a fit case for grant of EC, and the proposal to be delisted accordingly on.</i>
Legal interventions, if any	

Now the proposal has been submitted for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

The construction was reported to be started in *January, 2011 and 30%* of the built up area was completed by *December, 2012* without obtaining the prior EC. It was informed that no proposal for EC was submitted to the SEAC/SEIAA. Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

Check list for ToR (*Industry Projects*)

The project involves manufacturing _____ of production capacity _____ by M/s _____ in an area of _____ sqm at _____, village _____, Taluka/Mandal _____, District _____ (*State*).

The said project/activity is covered under category _____ of item _____ of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different States/UTs.

The plant/unit was earlier set up with the consent to establish dated _____ from the State Pollution Control Board. Subsequently, the unit is reported to be in operation with consent to operate renewed from time to time by the SPCB. The consent to operate is presently valid up to _____.

The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:-

Application for EC was submitted to SEAC-III/SEIAA in _____	Dates
Appraisal by SEAC in its meetings (<i>Attach minutes of the meetings</i>)	
Final observations/recommendations of the SEAC to the SEIAA/State Government	
Action taken by the State Government/SEIAA	<i>The Environment Department of the State Government vide letter <u>August, 2014</u> issued directions u/s 5 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006, which were replied by the project proponent on <u>25th August, 2014</u>. The State Government, after taking note of the submissions of the project proponent, confirmed the directions u/s 5 of the EP Act, 1986 on 13th February, 2015, with the directions to stop the construction work till EC is obtained from the competent authority.</i> <i>SEIAA asked the project proponent to furnish a resolution expressing apology on the violation already committed.</i>
Complaint case filed by the State Government/State Pollution Control Board	
Further consideration of the proposal by the SEAC and recommendations	
Final recommendations of SEIAA	<i>SEIAA in its meeting held in <u>April, 2016</u>, came to the conclusion that in view of the blatant violation and utter disregard of the provisions contained in the EP Act, 1986,</i>

	<i>the proposal is not a fit case for grant of EC, and the proposal to be delisted accordingly on .</i>
Legal interventions, if any	

Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

Information related to Industry II sector projects for EC

Subject:- Environmental Clearance.

[Proposal NO....., F.NO.....]

The Project Proponent and the accredited Consultant M/s., made a detailed presentation on the salient features of the project and informed that:

- i. The proposal is for environmental clearance/ToR to the project.....
at by M/s.
- ii. The project proposal was considered by the Expert Appraisal Committee (Industry-2) in its.....th meeting held during and recommended Terms of References (ToRs) for the Project. The ToRhas been issued by Ministry vide letter No.J.....; dated
- iii.All are listed at S.N. of Schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
- iv. Ministry had issued EC earlier vide letter no.; dated to the existing project...
.....infavour of M/s.(in **Expansion case**/if applicable).
- v. Existing land area ism².,additional m² land will be used for proposed expansion.
- vi. Industry has already developed / will develop greenbelt in an area of 33 % i.e., m² out of total area of the project.
- vii. The estimated project cost is Rs..... including existing investment of Rs..... crores. Total capital cost earmarked towards environmental pollution control measures is Rs..... and the Recurring cost (operation and maintenance) will be about Rs..... per annum.
- viii. Total Employment will be persons as direct & persons indirect after expansion. Industry proposes to allocate Rs..... @ of % towards Corporate Environmental Responsibility (CER)as per Ministry OM dated 1st May, 2018.
- ix. There are national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body..... is flowing at a distance ofin..... direction.
- x. Ambient air quality monitoring was carried out at locations during to and the baseline data indicates the ranges of concentrations as: PM₁₀ (...-.... µg/m³), PM_{2.5} (...-.... µg/m³), SO₂ (...-....µg/m³) and NO₂ (...-....µg/m³). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be µg/m³,µg/m³ and µg/m³ with respect to PM₁₀, SO_xandNO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

- xi. Total water requirement is m³/day of which fresh water requirement ofm³/day will be met from
- xii. Effluent of quantity will be treated through..... . The plant will be based on Zero Liquid discharge system (**if applicable**).
- xiii. Power requirement after expansion will be including existing KVA and will be met from State power distribution corporation limited (...SPDCL). Existing unit has DG sets of capacity, additionally DG sets are used as standby during power failure. Stack (height.....)will be provided as per CPCB norms to the proposed DG sets.
- xiv. Existing unit has TPH fired boiler. Additionally -----TPH ----fired boiler will be installed. Multi cyclone separator/ bag filter with a stack of height of m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the proposed boilers..
- xv. Details of Process emissions generation and its management.....
- xvi. Details of Solid waste/ Hazardous waste generation and its management.....
- xvii. Public Hearing for the proposed project has been conducted by the State Pollution Control Board onThe main issues raised during the public hearing are related to.....
- xviii. Details of Certified compliance report submitted by RO, MoEF&CC. (**In case of expansion Proposal**).
- xix. Status of Litigation Pending against the proposal, if any.
- xx. The details of products and capacity as under:

S.No	Product Details	Existing Quantity	Proposed Quantity	Total Quantity
Total	--	--	--	

Information related to Building Construction & Townships and Area Development Projects 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. 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**.
- v. 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.
- vi. During operational phase, total water demand 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 (.. for flushing, .. for gardening etc.). 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 fromand 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 within 10 km of Eco Sensitive areas (**Yes/No**). If **Yes**, provide details.
- xiii. NBWL Clearance is required: **Yes/No**. If **Yes**, status of NBWL clearance.
- xiv. Forest Clearance is required: **Yes/No**. If **Yes**, status of stage-1 clearance.
- xv. Court case pending against the project (**Yes/No**). If **Yes**, provide details.
- xvi. Investment/Cost of the project is Rs.....(Crore).
- xvii. Employment potential.....
- xviii. Benefits of the project

Check list for EC Building Construction& Townships and Area Development Projects

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 :

14. Other information

- (i) Investment/Cost of the project is Rs.....(in crore).
- (ii) Employment potential.....
- (iii) Benefits of the project

Input Data for Mining & Industries projects for EC

Baseline Data

1) Air

a) Construction

Criteria Pollutants	Unit		Minimum value		Maximum Value		98 percentile value		Prescribed standard
	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	Mg/m ³
PM10									
PM2.5									
SO2									
NOx									

b) Operation

Criteria Pollutants	Unit		Minimum value		Maximum Value		98 percentile value		Prescribed standard
	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	Mg/m ³
PM10									
PM2.5									
SO2									
NOx									

Criteria Pollutants: (PM10, PM2.5, SO2, NOx, Other parameters specific to sector)

Unit: (Micro gram per meter cube, nano gram per meter cube, milli gram per meter cube, etc.)

2. Details of Ground / Surface Water

Criteria of Pollutants as per standards	Pre-construction	Post Construction	Post Operation	Remarks
PH				
DO				
BOD				
COD				
TDS				
TSS				
Heavy Metals				
Chlorides				
Flourides				
Other				

Water Consumption:

	Construction	Operation	Remarks(NOC / No NOC)
STP Water / Other in KLD			
Ground Water /Borewell in KLD			
Surface Water as per GEC 2015 in KLD			
Fresh Water (Domestic)			
No. of RWH pits required			
No. of RWH Pits less provided			
GW Intersection (level)			

3) Noise:

Location:	Parameter	Minimum	Maximum	Thresold Value	Remarks
Industrial	Leq Day				
	Leq Night				
Residential	Leq Day				
	Leq Night				

4) Ecology / Bio-Diversity / LU/LC**a) LULC Impact in Ha:**

Comparison pre/post construction / operation

Less Agriland -

Less Grazing Land -

Less Forest Land -

b) GB: No. Of trees to be planted

No. Of Trees less planted -

Plantation Required -

No. Of Trees less planted -

Buildings: 1 per M² / Mining: Along Boundary, dumps, safety zones, rivers/ nalahs @ industry 1500/Ha, & minimum of 33% of total area.

c) Soil:

Top Soil: ____Qty(M³)

Qty les used: ____ (M³)

d) WLC plan

- Approved/ Not approved.

- Details / Budget of Approved

5) a) Solid Waste Management:

Qty Generated - _____

SWM Rules 2016 – Complied / Not Complied

If complied – Details

Gap Capacity - _____

b) OB / Waste Management

Details as per Form '2'

Parameters	Units	Required	Provided	Less Provided
Garland Drain	Mtrs			
Toe Drains	Mtrs			
Toe Walls	Nos.			
Check Dams	Nos.			
Settling Tanks/ Ponds	Sq. M			
Plantation	Sq. mtr			

For Rare Minerals / CRZ related – Details from Form '2' - Adequate.

For Mining of Coal/ Non Coal / Rare Minerals – Form '2' - is adequate for assessing the impacts apart from the above.

6). Energy saving measures:

a) Requirement of ECBC of colony within project area.

b) Other Energy saving measures

7). RH/ OHS/ Disaster Management/ SMP:

a) Requirement – Industry Specific

b) Deficiency – details / compliance plan

8). Socio Economic Benefits (CSR)

31.03.____ (Year ended)	Rs. (in Lakhs)
31.03.____ (Year ended)	Rs. (in Lakhs)
31.03.____ (Year ended)	Rs. (in Lakhs)
31.03.____ (Year ended)	Rs. (in Lakhs)

9). Economic Benefits Accrual:

- a). Saving in EMP Cost / years under violation.
- b). Net profit earned – Years under violation.

Input Data for Building/Construction projects for EC

S. No.	Particulars	Unit	Phase 1	Phase 2	Total	Remark
1	Plot Area	sqm				
2	Construction Period	--				
3	Status	--				
4	Built up area	sqm				
5	Cost of Project	Rs. (in crore)				
6	Cost on construction	Rs. (in crore)				
7	Cost on plant & Machinery	Rs. (in crore)				
8	Air Impact dust emission quantity		Construction	Operation		
	PM ₁₀	gm/sec kg/day				
	PM _{2.5}	gm/sec kg/day				
	No ₂	gm/sec kg/day				
	SO ₂	gm/sec kg/day				
9	Water Environment					
	STP Water	KLD				
	Surface Water	KLD				
	Waste water Generated	KLD				
	STP provided vs Gap	KLD				
	Fresh Water – Groundwater / Borewell	KLD				
	No. of RWH Pits required / No. Of RWH pits less provided	KLD				
10	Soil Environment					
	Total Excavated Soil	sqm				
	Top Soil Quantity	sqm				
	Soil utilised %					
	Top Soil Utilised %					
11	Noise Impact					
	Day / Excess by Night					
	Noise barrier less provided					
12	Ecology and Biodiversity					
	No. of trees to be planted	No.				
	No. of trees planted	No.				

	No. of Less Trees planted vs No. Of Trees Cut	No.				
	LULC impact in Ha.					
	Less Agriland	Ha.				
	Less Grazing Land	Ha.				
	Less other land	Ha.				
13	No. of Labours	No.				
14	No. of Trucks/Day	No.				
15	No. of Construction Days	No.				
16	Machinery Used					
	DG Sets	kVA				
	RMC	Trips				
	JCB	No.				
	Loader	No.				
	Excavator	No.				
17	Raw Material Used					
	Cement (50 kg bag)	Bags				
	Sand	MT				
	Aggregate	MT				
	Reinforcement	MT				
	Stone Cladding	Sqm				
	Bricks	Nos				
18	Green Area	sqm				
	Existing	sqm				
	Less provided as required	sqm				
	Proposed	sqm				
19	Socio Economic benefits (CSR)					
	31.03.__ (Year ended)	Rs. (in Lakhs)				
	31.03.__ (Year ended)	Rs. (in Lakhs)				
	31.03.__ (Year ended)	Rs. (in Lakhs)				
	31.03.__ (Year ended)	Rs. (in Lakhs)				
20	ECBC					
	Conservation Measures	-				
	Solar Energy required	KW				
	Less provided					
	Water heating (20%) (Commercial Buildings)					
	Other Less conservation measures provided					

	Excess Energy consumed by non compliance of ECBC	KWH/days				
21	Conservation Cost fixed by DFO	Rs. (in Lakhs)				
22.	Economic Benefits					
	a) EMP cost saved per year	No. of Years				
	b) profit accrued per year	No. of Years				
		Total				