



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



Agenda of Expert Appraisal Committee

Meeting ID : IA/IND/13282/15/07/2022
Meeting Venue : INDUS CONFERENCE ROOM, JAL WING, GROUND FLOOR, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through Physical Mode / Hybrid Mode
Meeting Type : Hybrid
Agenda Generation Date : 05-07-2022

The following proposals are being considered for deliberation in the Expert Appraisal Committee as per the schedule given below :

Meeting Schedule :

| S.No | Meeting date | Date (From) | Date (To) |
|------|--------------|-------------|-----------|
| 1 | 15 Jul 2022 | 09:00 AM | 18:00 PM |

Date of Meeting : 15-07-2022

| S.No | Proposal No. | File No. | Proposal Name | Company Name | Location | Proposal Type |
|------|-----------------------|------------------------------|--|---|---|---------------|
| 1 | IA/RJ/IND/267095/2022 | IA-J-11011/189/2006-IA-II(I) | Amendment in existing EC for Installation of Wet Fly Ash Dryer (1000 TPD) for drying of fly ash within the existing premises of Ambuja Cements Ltd | AMBUJA CEMENT LIMITED | Tehsil: Jaitaran District: Pali State: Rajasthan | EC |
| 2 | IA/GJ/IND/230852/2021 | | Proposed Coal to Poly-vinyl Chloride (PVC) near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s. Adani Enterprises Limited | ADANI ENTERPRISES LTD | Tehsil: Mundra District: Kutch State: Gujarat | EC |
| 3 | IA/CG/IND/193123/2021 | | Risen Industries Private Limited | RISEN INDUSTRIES PRIVATE LIMITED | Tehsil: Berla District: Bemetara State: Chhattisgarh | EC |
| 4 | IA/CG/IND/275654/2020 | J-11011/201/2020-IA-II(I) | Greenfield Alumina Refinery 150000 TPA and 2 x 10 MW Captive Cogeneration Power Plant at village Chiranga tehsil Batauli district Surguja Chhattisgarh by Ms Maa Kudargarhi Alumina Refinery Pvt Ltd | MAA KUDARGARHI ALUMINA & REFINERY PRIVATE LIMITED - MINERAL BENEFICIATION PLANT | Tehsil: Sitapur District: Surguja State: Chhattisgarh | EC |

| | | | | | | |
|---|---------------------------|--|--|----------------------------|--|-----|
| 5 | IA/OR/IND/1 24925/2019 | | Environmental Clearance (EC) of Proposed Expansion of Iron Ore Pelletizing plant (0.85 MTPA to 1.7 MTPA) by addition of Iron Ore Beneficiation Plant (3.0 MTPA), Pig Iron Blast Furnace (0.60MTPA), DRI Plant (0.36MTPA), Sinter Plant (0.60 MTPA), SMS/Arc Furnace (ZPF) (0.72 MTPA), Rolling/Hot Strip Mill (0.7 MTPA) & CPP (WHRB-35 MW & AFBC-35 MW) at village - Phuljhar, Block - Banspal, Tehsil - Banspal and Dist. - Keonjhar, Odisha | ARDENT STEEL LTD | Tehsil: banspal District: Kendujhar State: Orissa | EC |
| 6 | IA/WB/IND/2 70104/2022 | IA-J- 11011/154/2 022-IA- II(IND-I) | Proposed Installation of Ferro-Alloy Plant (SAF 2x9 MVA) and Ferro-Chrome Briquetting Plant (10 TPH) | SATVIK ENTERPRISES LIMITED | Tehsil: Barjora District: Bankura State: West Bengal | TOR |

Any Other Item :

| S.No | Proposal No. | File No. | Proposal For | Proposal Name | Location | Remarks |
|------|---------------------------|--|--------------|---|---------------------------------|---------|
| 1 | IA/CG/IND/2 79025/2022 | IA-J- 11011/92/20 22-IA-II(IND-I)] | TOR | 9.13 Proposed Integrated Cement Plant with capacity of Clinker 2.5 MTPA, Cement – 2.5 MPTA and WHRS 12 MW by M/s Jindal Panther Cement Pvt. Ltd., located at Villages: Kosampali, Barmuda, Dhanagar, Saraipali, District Raigarh, Chhattisgarh. – Consideration TOR Proposal Additional Condition [Proposal No. IA/CG/IND/2790 25/2022; File No. IA-J-11011/92/2022-IA-II(IND-I)] [Name of Consultant: M/s. J.M. EnviroNet Pvt. Ltd., Gurugram; QCI NABET Accreditation: valid upto 07/02/2023] | Village: District: State: | |

| | | | | | | |
|---|---------------------------|-----------------------------------|----------------------------|---|---------------------------------|--|
| 2 | IA/CG/IND/2 67097/2022 | J- 11011/278/2 020-IA.II(I) | Correction in the Minutes. | <p>9.14 Establishment of DRI Kilns (Sponge Iron- 2,31,000TPA), Indusction Furnace with concast (Billets/ingots /Hot Billets – 3,30,000 TPA), Rolling Mill (2,64,000 TPA), Power Generation – 40 MW (20 MW through Waste Heat Recovery Boiler (WHRB) and 20 WM through Fluidized bed combustion (FBC) Boiler) by M/s. Rama Power and Steel Pvt. Ltd. located at Sy. No. 38/1, 41/1, 42/1 & 2, 43/2, 45/1, 46/3 & 4, 47/1 & 22, 57/1 & 2, CSIDC – 58/1-2, Village: Khamaria, Tehsil: Tehsil: Tilda, District: Raipur, Chhattisgarh –Correction in the Minutes.</p> <p>[Proposal no. IA/CG/IND/2670 97/2022; File No. J- 11011/278/2020 -IA.II(I)] [Consultant: M/s. Pioneer Enviro Laboratories and Consultants Pvt Ltd; valid upto 21.09.2022]</p> | Village: District: State: | |
|---|---------------------------|-----------------------------------|----------------------------|---|---------------------------------|--|

List of EAC Member :

| S.No | Members Name | Designation | Email ID |
|------|---|-------------|------------------------------|
| 1 | Shri. Rajive Kumar, IFS (Retired) | Chairman | chairman.eac.ind.1@gmail.com |
| 2 | Dr. S Ranganathan | Member | ranganathan.metals@gmail.com |
| 3 | Dr. Ranjit Prasad | Member | ranjitnitj@gmail.com |
| 4 | Dr. E V R Raju | Member | rajuevr60@gmail.com |
| 5 | Dr. S. K. Singh | Member | sksinghdce@gmail.com |
| 6 | Dr. Jai Krishna Pandey | Member | jaikrishnapandey@gmail.com |
| 7 | Dr. Dipankar Shome | Member | dshome61@gmail.com |
| 8 | Dr. Tejaswini Ananthkumar | Member | tejaswini.acf@gmail.com |
| 9 | Dr. Hemant Sahasrabuddhe | Member | sshemant_801@rediffmail.com |
| 10 | Representative of National Council for Cement and Building Materials | Member | dg@ncbindia.com |

| | | | |
|----|---|------------------|--------------------------------|
| 11 | Representative of Central Pollution Control Board | Member | mscb.cpcb@nic.in |
| 12 | Representative of National Institute of Occupational Health | Member | director-nioh@gov.in |
| 13 | Representative of Indian Meteorological Department | Member | directorgeneral.imd@imd.gov.in |
| 14 | Dr. R. B. Lal | Member Secretary | rb.lal@nic.in |

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IA DIVISION-INDUSTRY-1 SECTOR)**

Dated: 05.07.2022

**AGENDA FOR 9th MEETING OF THE EXPERT APPRAISAL COMMITTEE
(INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD DURING July 15, 2022
THROUGH HYBRID MODE-DAY 2**

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

1. It is informed that the 9th Meeting of EAC is scheduled to be held during July 15, 2022 through Physical / Hybrid Mode and accordingly all Project Proponents are requested to send all the documents (viz. Presentation as per template, Brief, EIA/EMP Report and other requisite documents) to the EAC/Ministry immediately or latest by 08.07.2022.
2. It is requested that the Project Proponent or his/her authorized representative should participate the presentation meeting of EAC through Physical / Hybrid Mode 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. The name of representatives may be communicated in advance.
3. NIC, MoEFCC will moderate the Hybrid Mode meeting. PP has to communicate the name of person and his mobile number attending the EAC meeting and be ready before 1 hour of the slot allowed to them. If any problem faced please contact Mr. Kamal, Moderator, NIC (Mobile No. 8800225087, email- support-ipb@nic.in). **PP is requested to join the meeting in VC with Agenda No. [(for ex. 9.1 (Name of PP) & Name of Consultant)].**
4. For the purpose, the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, public hearing report, Action Plan on the issues raised during PH, queries (EDS and ADS) 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 including details of the court matters/Orders of the Court pertaining to the project, if any. Accordingly, it is requested to forward a copy of each of these said documents by soft copy/e-mail to the Chairman/members of the Expert Appraisal Committee by 08.07.2022. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action. Further, hard copy of Brief and PPT shall send to the EAC Members positively by 08.07.2022.
5. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/e-mail pertaining to the projects latest by 08.07.2022 positively. Failing which the Committee will not consider the project.
6. Any changes/modification with respect to the agenda 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.parivesh.nic.in.
7. In addition to the above, kindly send a brief write up (Format enclosed as Annexure – 1) of project (maximum 3-4 pages in MS-word format) along with the power point presentation containing salient features of the project with compliance to the stipulated ToR's preferably not exceeding 35-40 slides to the following email address as well as to the EAC members by 08.07.2022. A copy of the template for EC and ToR presentation is enclosed herewith. Further, the nodal officer and consultant contact details (Name, Designation, Mobile and E-mail) for the VC shall also be sent in the format given below:

| Item No. | Proposal No with Company Name | Name of the Nodal person and consultant to be contacted | Contact Mobile/ E-mail |
|----------|-------------------------------|---|------------------------|
| | | | |

8. During presentations all the important features/critical parameters such as **National Parks, Wildlife Sanctuary, Mangroves, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA), SPA, OPA**, etc. should be clearly indicated in an area of 10 km radius of the proposed site. The KML/Shape files should be emailed on the below mentioned email addresses immediately or before **08.07.2022**.
9. During presentations all the important features/critical parameters such as **details of Court cases and directions of the SPCBs/CPCB and its implementation status** needs to be presented.
10. **In accordance with the circular no. IA-3-22/10/2022-IA.III [E-177258], dated 8th June 2022, 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. In case of Unit is operating with CTO, a certified compliance report from the SPCB needs to be submitted as per TOR granted to the project. The status of compliance of the conditions stipulated in the EC/TOR as highlighted in the report(s) will be discussed by the EAC during appraisal of the project. CCR issued shall be valid for period of one year from the date of inspection of the project.**
11. **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.**
12. 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) in the EIA/EMP report.
13. **The Consultants are now being graded based on the EIA/EMP Report, Impact assessment and its mitigation measures to the projects and its presentation made before the EAC. Therefore, the Consultant shall follow all the Rules/Guidelines issued by the Ministry from time to time and make the correct Report, failing which necessary action against the consultant may be taken accordingly. Consultant shall submit the Plagiarism Certificate accordingly.**
14. **The PP shall submit the detailed green belt development plan along with details of species, timelines, budget provisions and also implementation status (for existing unit).**
15. **The presentation shall also include details of carbon foot prints and carbon sequestration study w.r.t. proposed project needs to spell out. Proposed mitigation measures also needs to be included in the PPT and submitted for further appraisal of the EAC.**
16. **Details of drone survey for the site, if conducted, needs to be presented before the EAC during appraisal of the project.**

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(Dr. R. B. Lal)
Additional Director & Member
Secretary, EAC (Industry-1 Sector)
Email- rb.lal@nic.in Tel: 011-20819346

Note: The items listed for environmental clearances will be taken up for appraisal only on fulfillment of relevant instruction given above.

**AGENDA FOR 9th EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR)
MEETING TO BE HELD DURING JULY 15, 2022**

Venue: INDUS CONFERENCE ROOM, JAL WING, GROUND FLOOR, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through Physical Mode / Hybrid Mode

Day 1 - JULY 14, 2022 (THURSDAY)

Agenda No. 9.1 to 9.6: Day 1 Agenda has already been uploaded on Parivesh portal.

Day 2 - JULY 15, 2022 (FRIDAY)

Time: 10:00 Hrs -13.30 Hrs

Consideration of Environmental Clearance Proposals

- 9.7** Expansion of cement plant [Clinker – 5000 to 7000 TPD; Cement Plant - 1.80 to 3.60 MTPA; Captive Power Plant (CPP) - 18 MW] of **M/s. Ambuja Cements Ltd** located at Village Rabriyawas, Tehsil Jaitaran, District Pali, Rajasthan – Consideration of Environmental Clearance under para 7(ii) of EIA Notification, 2006 w.r.t. Amendment in existing EC for Installation of Wet Fly Ash Dryer (1000 TPD) for drying of fly ash within the existing premises of Ambuja Cements Ltd.

**[Proposal No. IA/RJ/IND/267095/2022; File No. J-11011/189/2006-IA-II (I)]
[Consultant: Enkay Enviro Services Pvt Ltd; Valid upto: 12.12.2023]**

- 9.8** Proposed Semi Coke Unit: 2030 KTPA and Cement Plant: 6.0 MTPA; Clinker: 4 MTPA by **M/s. Adani Enterprises Limited** located near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat – **Consideration of Environmental Clearance**

**[Proposal No. IA/GJ/IND/230852/2021; File No. IAJ-11011/423/2021-IA-II(IND-I)]
[Consultant: Kadam Environmental Consultants; Valid upto 19.03.2023]**

- 9.9** Establishment of DRI Kilns (1,98,000 TPA), Induction Furnace with matching LRF & CCM (Billets / Ingots / Hot Billets) (1,98,000 TPA), Rolling Mill (TMT Bars / Structural Steel) 1,98,000 TPA, Ferro Alloy Unit 2 x 9 MVA (FeSi-14000 TPA / FeMn-50400 TPA / SiMn28800 TPA / FeCr-30000 TPA / Pig Iron- 50400 TPA, WHRB based Power Plant - 15 MW & CFBC based Power Plant - 16 MW by **M/s. Risen Industries Private Limited** located at Sarda Village, Berla Tehsil, Bemetara District, Chhattisgarh – **Consideration of Environmental Clearance.**

[Proposal No. IA/CG/IND/193123/2021; File No. J-11011/16/2021-IA.II(I)]

[Consultant: Pioneer Enviro Laboratories & Consultants Private; Valid upto: 21.09.2022]

Lunch Time: Time: 13:30 Hrs -14.00 Hrs

- 9.10** Greenfield Alumina Refinery (300000 TPA Alumina) & 3 x 10 MW Captive Cogeneration Power Plant by **M/s. Maa Kudargarhi Alumina Refinery Private Limited** located at Village Chiranga, Tehsil: Batauli District: Ambikapur, Chhattisgarh – **Consideration of Environmental Clearance**

[Proposal No. IA/CG/IND/275654/2020, File No. J-11011/201/2020-IA.II(I)]

[Consultant: Ind Tech House Consult; Valid upto 24.07.2022]

- 9.11** Expansion of Iron Ore Pelletizing plant (0.85 MTPA to 1.7 MTPA) by addition of Iron Ore Beneficiation Plant (3.0 MTPA), Pig Iron Blast Furnace (0.60 MTPA), DRI Plant (0.36 MTPA), Sinter Plant (0.60 MTPA), SMS/Arc Furnace (ZPF) (0.72 MTPA), Rolling/Hot Strip Mill (0.7 MTPA) & CPP (WHRB-35 MW & AFBC-35 MW) by **M/s. Ardent Steel Limited** located at Village Phuljhar, Block Banspal, Tehsil Telkoi and District Keonjhar, Odisha – Consideration of Environmental Clearance

[Proposal No. IA/OR/IND/124925/2019; File No. IAJ-11011/112/2013-IA-II(I)]

[Consultant: Centre for Envotech & Management Consultancy Pvt.; Valid upto 13.09.2022]

Consideration of ToR Proposal

- 9.12** Installation of Ferro-Alloy Plant (SAF 2x9 MVA) and Chrome Ore Briquette Plant (10 TPH) by **M/s. Satvik Enterprises Limited** located at Mouza: Sahebdihi, PS: Barjora, District: Bankura, West Bengal – **Consideration for Terms of Reference.**

[Proposal No. IA/WB/IND/270104/2022, File No. IA-J-11011/154/2022-IA-II(IND-I)]

- 9.13** Proposed Integrated Cement Plant with capacity of Clinker 2.5 MTPA, Cement – 2.5 MPTA and WHRS - 12 MW by **M/s Jindal Panther Cement Pvt. Ltd.**, located at Villages: Kosampali, Barmuda, Dhanagar, Saraipali, District Raigarh, Chhattisgarh. – Consideration TOR Proposal Additional Condition

[Proposal No. IA/CG/IND/279025/2022; File No. IA-J-11011/92/2022-IA-II(IND-I)]

[Name of Consultant: M/s. J.M. EnviroNet Pvt. Ltd., Gurugram; QCI NABET Accreditation: valid upto 07/02/2023]

Re-Consideration of Modification in ToR Proposal

- 9.14** Establishment of DRI Kilns (Sponge Iron- 2,31,000TPA), Indusction Furnace with concast (Billets/ingots /Hot Billets – 3,30,000 TPA), Rolling Mill (2,64,000 TPA), Power Generation – 40 MW (20 MW through Waste Heat Recovery Boiler (WHRB) and 20 WM through Fluidized bed combustion (FBC) Boiler) by **M/s. Rama Power and Steel Pvt. Ltd.** located at Sy. No. 38/1, 41/1, 42/1 & 2, 43/2, 45/1, 46/3 & 4, 47/1 & 22, 57/1 & 2, CSIDC – 58/1-2, Village: Khamaria, Tehsil: Tehsil: Tilda, District: Raipur, Chhattisgarh –**Correction in the Minutes.**

[Proposal no. IA/CG/IND/267097/2022; File No. J-11011/278/2020-IA.II(I)]

[Consultant: M/s. Pioneer Enviro Laboratories and Consultants Pvt Ltd; valid upto 21.09.2022]

- 9.15** Any other item with permission of the Chair.

Format for Brief Write-Up [Environment Clearance including para 7(ii) and ADS cases]

1. M/s. has made an online application vide proposal no.
 Dated along with copy of EIA/EMP report, Form – 2 and Certified compliance report
[Only for expansion and clause 7(ii) cases] seeking Environment Clearance (EC) under the
 provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project
 activity is listed at schedule no. *(all schedules pertaining to the project)*.....
 Under Category “.....” Of the schedule of the EIA Notification, 2006 and attracts general condition
 due to..... (if applicable) and appraised at Central Level.

2. The detail of the ToR is furnished as below: (Not applicable for clause 7(ii) cases)

| Date of application | Consideration | Details | Date of accord | ToR Validity |
|---------------------|------------------------------------|--------------------|----------------|--------------|
| | meeting of EAC held on | Terms of Reference | | |
| | meeting of EAC held on | Amendment (if any) | | |

3. The project of M/s.....located inVillage, Tehsil, District, State is for setting up of a new For production of Million Tons Per Annum (MTPA)/ enhancement of production of From..... to MTPA.

4. Environmental site settings

Environmental site settings

| S. No. | Particulars | Details | Remarks | | | | | | | | | | | | | | | |
|------------|--|--|------------|----------|-----------|--|--|--|--|--|--|--|--|--|----------------|--|--|--|
| 1. | Total land | ----- ha [Private: ---- ha; Govt: ---- ha; Agriculture: ----- ha; and Grazing land: -----] | Land use: | | | | | | | | | | | | | | | |
| 2. | Land acquisition details as per MoEF&CC O.M. dated 7/10/2014 | | | | | | | | | | | | | | | | | |
| 3. | Existence of habitation & involvement of R&R, if any. | Project site: Name of village (if any) Study Area: <table><tr><th>Habitation</th><th>Distance</th><th>Direction</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> | Habitation | Distance | Direction | | | | | | | | | | Status of R&R. | | | |
| Habitation | Distance | Direction | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 4. | Latitude and Longitude of <u>all corners</u> of the project site. | <table><tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> | Point | Latitude | Longitude | | | | | | | | | | | | | |
| Point | Latitude | Longitude | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 5. | Elevation of the project site | M above mean sea level | | | | | | | | | | | | | | | | |
| 6. | Involvement of Forest land if any. | Status of stage I Forest Clearance: Area of the forest land involve: | | | | | | | | | | | | | | | | |
| 7. | Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study | Project site: Name Study area <table><tr><th>Water body</th><th>Distance</th><th>Direction</th></tr><tr><td></td><td></td><td></td></tr></table> | Water body | Distance | Direction | | | | Authenticated HFL data of the water body shall be furnished. | | | | | | | | | |
| Water body | Distance | Direction | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

| S. No. | Particulars | Details | | | Remarks |
|--------|--|--|--|--|---------|
| | area | | | | |
| 8. | Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area | Study area Name of the ESZ/ESA: Status of Notification: Distance of project from ESZ/ESA: Authenticated map of ESZ projecting distance of ESZ from project site: Status of NBWL approval: List of Reserved and protected forests: | | | |

5. The existing project was accorded environmental clearance (OR) Consent to Establish [in case of not obtained EC] vide Ir.no. dated..... In case of CTE, reasons for not obtaining EC under the provisions of EIA Notification, 1994 and 2006 shall be furnished. Consent to Operate for the existing unit was accorded byState Pollution Control Board vide Ir. No. dated.....The validity of CTO is up to [Only for expansion and clause 7(ii) cases]
6. Implementation status of the existing EC [Only for expansion and clause 7(ii) cases]

| S. No. | Facilities | Units | As per EC dated ----- | Implementation Status as on ----- | Production as per CTO |
|--------|------------|-------|-----------------------|-----------------------------------|-----------------------|
| | | | | | |

7. The unit configuration and capacity of existing [Only for expansion and clause 7(ii) cases] and proposed project is given as below:

| Sl. No. | Plant Equip ment/ Facility | Existing facilities as per EC dated And subsequent amendment dated....(if any) | | | | | | | | Proposed Units | | Final (Existing + Proposed) | | Remarks |
|---------|----------------------------|---|----------|-----------------|----------|---------------------|----------|---------------|----------|----------------|----------|-----------------------------|----------|---------|
| | | Total (A+B) | | Implemented (A) | | Un-impleme nted (B) | | As per CTO | | | | | | |
| | | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | |
| | | | | | | | | | | | | | | |

8. The details of the raw material requirement for the proposed project/ expansion cum proposed project along with its source and mode of transportation is given as below:

| S. No. | Raw Material | Quantity required per annum | | | Source | Distance from site (Kms) | Mode of Transportation |
|--------|--------------|-----------------------------|-----------|-------|--------|--------------------------|------------------------|
| | | Existing | Expansion | Total | | | |
| | | | | | | | |

9. Existing Water requirement is m³/day, water requirement is obtained from and permission for the same has been obtained from vides letter no..... dated [Only for expansion and clause 7(ii) cases]. The water requirement for the proposed project is estimated asm³ /day, out of which.....m³/day of fresh water requirement will be obtained from the..... and the remaining requirement of....m³ /day will be met from the The permission for drawl

of groundwater / surface water is obtained from Vide Lr. No. Dated.....

10. Existing power requirement of MW is obtained from..... *[Only for expansion and clause 7(ii) cases]*. The power requirement for the proposed project is estimated asMW, out of whichMW will be obtained from the

11. Baseline Environmental Studies *(In case of clause 7(ii) projects from post project monitoring data)*

| Period | | Additional study (if any) | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|--------------------------|----------------------------|--------------------|-----|--|--|--|--|--|------|--------------------------|----------------------------|--------------------|-----|--|--|--|--|--|--|
| AAQ parameters at Locations (min and max) | PM _{2.5} = To µg/m ³ PM ₁₀ = To Mg/m ³ SO ₂ = to µg/m ³ Nox = To µg/m ³ CO = To µg/m ³ | | | | | | | | | | | | | | | | | | | | | |
| Incremental GLC level | PM ₁₀ = µg/m ³ (Level atkm in..... Direction) SO ₂ = µg/m ³ (Level atkm in..... Direction) Nox = µg/m ³ (Level atkm in..... Direction) CO = µg/m ³ (Level atkm in..... Direction) | | | | | | | | | | | | | | | | | | | | | |
| Ground water quality at locations | pH:to...., Total Hardness:to..... mg/l, Chlorides: to mg/l, Fluoride:.....to mg/l. Heavy metals..... | | | | | | | | | | | | | | | | | | | | | |
| Surface water quality at locations | pH:to; DO:to..... mg/l and BOD:mg/l. COD from.....to.....mg/l | | | | | | | | | | | | | | | | | | | | | |
| Noise levels Leq (Day and Night) | to for the day time and to for the Night time. | | | | | | | | | | | | | | | | | | | | | |
| Traffic assessment study findings | <ul style="list-style-type: none"> Traffic study has been conducted at NH/SH/MDR.....which is approximately.....(distance) from the plant site. Transportation of raw material, fuel & finished product will be done% by road. Existing PCU is PCU/hr on(NH/SH/MDR) and existing level of service (LOS) is: <table border="1"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/hr.)</th> <th>C (Capacity in PCU/hr.)</th> <th>Existing V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <ul style="list-style-type: none"> PCU load after proposed project will be.....(Existing) +(Additional) PCU/hr and level of service (LOS) will be: <table border="1"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/hr.)</th> <th>C (Capacity in PCU/hr.)</th> <th>Proposed V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Note: Capacity as per IRC-..... Guide line for capacity for roads.</p> | Road | V (Volume in PCU/hr.) | C (Capacity in PCU/hr.) | Existing V/C Ratio | LOS | | | | | | Road | V (Volume in PCU/hr.) | C (Capacity in PCU/hr.) | Proposed V/C Ratio | LOS | | | | | | |
| Road | V (Volume in PCU/hr.) | C (Capacity in PCU/hr.) | Existing V/C Ratio | LOS | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Road | V (Volume in PCU/hr.) | C (Capacity in PCU/hr.) | Proposed V/C Ratio | LOS | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-----------------|---|--|
| | Conclusion: The level of service will after including additional traffic due to proposed project. | |
| Flora and fauna | Presence of schedule I fauna and endangered Flora if any. If yes, status of site specific wildlife conservation plan. | |

12. The details of solid and hazardous waste generation along with its mode of treatment/disposal is furnished as below:

| S. No. | Type of Waste | Source | Quantity generated (TPA) | Mode of Treatment | Disposal | Remarks |
|--------|---------------|--------|--------------------------|-------------------|----------|---------|
| | | | | | | |

13. Public Consultation: *(In case of clause 7(ii) cases, only details of earlier public consultation shall and its implementation status shall be furnished)*

| | |
|--------------------------------|----------------|
| Details of advertisement given | |
| Date of public consultation | |
| Venue | |
| Presiding Officer | |
| Major issues raised | ----- ----- |

Action plan as per MoEF&CC O.M. dated 30/09/2020

| S. No | Physical activity and action plan | | Year of implementation (Budget in INR) | | | Total Expenditure (Rs. in Crores) |
|-------|-----------------------------------|------------------|--|-----------------|-----------------|-----------------------------------|
| | Name of the Activity | Physical Targets | 1 st | 2 nd | 3 rd | |
| | | | | | | |
| | | | | | | |

14. Existing capital cost of project was.....*[Only for expansion and clause 7(ii) cases]*. The capital cost of the proposed project is Rs.....Crores and the capital cost for environmental protection measures is proposed as Rs.....Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs.....Crores. The employment generation from the proposed project / expansion is..... The details of cost for environmental protection measures is as follows:

| S.No. | Description of Item | Existing (Rs. In Crores/lakhs) | | Proposed (Rs. In Crores/lakhs) | |
|--------|---|--------------------------------|----------------|--------------------------------|----------------|
| | | Capital Cost | Recurring Cost | Capital Cost | Recurring Cost |
| (i). | Air Pollution Control/ Noise Management | | | | |
| (ii). | Water Pollution Control | | | | |
| (iii). | Environmental Monitoring and Management | | | | |
| (iv). | Green Belt Development | | | | |
| (v). | Addressal of Public Consultation concerns | | | | |
| | Details of adoption of villages, if any | | | | |

15. Existing green belt has been developed in ha area which is about ...% of the total project area ofha with total sapling of Trees *[Only for expansion and clause 7(ii) cases]*. Proposed greenbelt will be developed in ha which is about% of the total project area. Thus total of ha area (.....% of total project area) will be developed as greenbelt. A ----m wide greenbelt,

consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of saplings will be planted and nurtured in hectares in years.

16. It has been reported that following will be resource consumption after the proposed change: **[In case of clause 7(ii) cases only]**

| Particulars | As per EC dated ----- | After proposed change under para 7(ii) | % increase |
|--------------|--------------------------|---|------------|
| Land | | | |
| Greenbelt | | | |
| Water | | | |
| Power | | | |
| Rawmaterials | | | |
| Products | | | |

17. Pollution load assessment **[In case of clause 7(ii) cases only]**

| Particulars | As per EC dated ----- | After proposed change under para 7(ii) | % increase |
|-----------------------------|--------------------------|--|------------|
| Air | | | |
| Water | | | |
| Solid and Hazardouswaste | | | |
| Traffic load | | | |

18. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.
19. Name of the EIA consultant: M/s[S.No., List of ACOs with their Certificate / Extension Letter no.....; Valid up to..... Rev.,].
20. **Certified compliance report from Regional Office** **[Only for expansion and clause 7(ii) cases]**
The Status of compliance of earlier EC was obtained from Regional Office, vide letter no., dated in the name of M/s. The Action taken report regarding the partially/non-complied condition was submitted to Regional officer MoEF&CC, vide letter no. dated MoEF&CC (RO), evaluated the same and has issued letter dated The details of the observations made by RO in the report dated along with its re-assessment / present status as furnished by the PP is given as below.

| S. No. | Non-compliances details | Observation of RO (abridged) | Condition no. | | | Re-assessment by RO / Response by PP |
|--------|----------------------------|---------------------------------|---------------|----------|---------|--|
| | | | EC date | Specific | General | |
| | | | | | | |

ADS Information in chronology **[Only for ADS cases]**

21. M/s. made an online application vide proposal no. dated The proposal was initially considered in meeting of Re-constituted EAC (Industry-1) held on Proposal was deferred for want of additional information. The observations and recommendation is given as below:
22. The proponent submitted the ADS reply vide letter dated uploaded on PARIVESH on..... Point-wise reply of ADS is given as below:

| S No | ADS Point | Reply/Response of PP |
|------|-----------|----------------------|
| | | |

Format for Brief Write-Up (ToR)

1. M/s. has made an application online vide proposal no. dated along with the application in prescribed format (Form-I), copy of pre-feasibility report and proposed ToRs for undertaking detailed EIA study as per the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at S. No. under Category “....” of the schedule (all schedules pertaining to the project) of the EIA Notification, 2006 and attracts general condition due to..... (if applicable) being appraised at Central Level.
2. The project of M/s.....located inVillage,Tehsil ,District,.....State is for setting up of a new for production ofMillion Tons Per Annum (MTPA)/ enhancement of production of from..... toMTPA.

3. Environmental site settings

| S.No. | Particulars | Details | Remarks | | | | | | | | | | | | | | | |
|------------|---|--|------------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| i. | Total land | ----- ha [Private: ---- ha; Govt: ---- ha; Agriculture: ----- ha; and Grazing land: ---- -] | Land use: | | | | | | | | | | | | | | | |
| ii. | Land acquisition details as per MoEF&CC O.M. dated 7/10/2014 | | | | | | | | | | | | | | | | | |
| iii. | Existence of habitation & involvement of R&R, if any. | Project site: Name of village (if any) Study Area: <table border="1"> <thead> <tr> <th>Habitation</th><th>Distance</th><th>Direction</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> | Habitation | Distance | Direction | | | | | | | | | | Status of R&R. | | | |
| Habitation | Distance | Direction | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| iv. | Latitude and Longitude of all corners of the project site. | <table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> | Point | Latitude | Longitude | | | | | | | | | | | | | |
| Point | Latitude | Longitude | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| v. | Elevation of the project site | m above mean sea level | | | | | | | | | | | | | | | | |
| vi. | Involvement of Forest land if any. | Status of stage I Forest Clearance: Area of the forest land involve: | | | | | | | | | | | | | | | | |
| vii. | Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area | Project site: Name Study area <table border="1"> <thead> <tr> <th>Water body</th><th>Distance</th><th>Direction</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> | Water body | Distance | Direction | | | | | | | | | | Authenticated HFL data of the water body shall be furnished. | | | |
| Water body | Distance | Direction | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| viii. | Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve | Study area Name of the ESZ/ESA: Status of Notification: Distance of project from ESZ/ESA: Authenticated map of ESZ projecting distance of ESZ from project site: | | | | | | | | | | | | | | | | |

| S.No. | Particulars | Details | Remarks |
|-------|-----------------------------------|--|---------|
| | etc. if any within the study area | Status of NBWL approval: List of Reserved and protected forests: | |

4. The existing project was accorded environmental clearance (OR) Consent to Establish [in case of not obtained EC] vide Ir.no. dated..... In case of CTE, reasons for not obtaining EC under the provisions of EIA Notification, 1994 and 2006 shall be furnished. Consent to Operate for the existing unit was accorded byState Pollution Control Board vide Ir. no. dated.....The validity of CTO is up to **[Only for expansion and clause 7(ii) cases]**

5. Implementation status of the existing EC **[Only for expansion cases]**

| Sl. No. | Facilities | Units | As per EC dated ----- | Implementation Status as on ----- | Production as per CTO |
|---------|------------|-------|--------------------------|-----------------------------------|-----------------------|
| | | | | | |

6. The unit configuration and capacity of existing **[Only for expansion cases]** and proposed project is given as below:

| Sl. No. | Plant Equipment/ Facility | Existing facilities as per EC dated and subsequent amendment dated....(if any) | | | | | | | | Proposed Units | | Final (Existing + Proposed) | | Remarks |
|---------|---------------------------|---|----------|-----------------|----------|--------------------|----------|---------------|----------|----------------|----------|-----------------------------|----------|---------|
| | | Total (A+B) | | Implemented (A) | | Un-implemented (B) | | As per CTO | | | | | | |
| | | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | |
| | | | | | | | | | | | | | | |

7. The details of the raw material requirement for the proposed project/ expansion cum proposed project **[Only for expansion cases]** along with its source and mode of transportation is given as below:

| S. No. | Raw Material | Quantity required per annum | | | Source | Distance from site (Kms) | Mode of Transportation |
|--------|--------------|-----------------------------|-----------|-------|--------|--------------------------|------------------------|
| | | Existing | Expansion | Total | | | |
| | | | | | | | |

8. Existing Water requirement is m³/day, water requirement is obtained from and permission for the same has been obtained from vides letter no..... dated **[Only for expansion]**. The water requirement for the proposed project is estimated asm³ /day, out of which.....m³/day of fresh water requirement will be obtained from the..... and the remaining requirement of....m³ /day will be met from the The permission for drawl of groundwater / surface water is obtained from vide Lr. No. dated.....
9. Existing power requirement of MW is obtained from..... **[Only for expansion]**. The power

requirement for the proposed project is estimated asMW, out of whichMW will be obtained from the

10. The capital cost of the project is Rs.....Crores and the capital cost for environmental protection measures is proposed as Rs.....Crores. The employment generation from the proposed project / expansion is.....

11. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.

12. Name of the EIA consultant: M/s[S.No., List of ACOs with their Certificate / Extension Letter no.....; Valid up to..... Rev.,]

13. Proposed Terms of Reference (**Baseline data collection period: -----**)

| Attributes | Parameters | Sampling | | Remarks |
|---|------------|-----------------|-----------|---------|
| | | No. of stations | Frequency | |
| A. Air | | | | |
| a. Meteorological parameters | | | | |
| b. AAQ parameters | | | | |
| B. Noise | | | | |
| C. Water | | | | |
| Surface water/Ground water quality parameters | | | | |
| D. Land | | | | |
| a. Soil quality | | | | |
| b. Land use | | | | |
| E. Biological | | | | |
| a. Aquatic | | | | |
| b. Terrestrial | | | | |
| F. Socio-economic parameters | | | | |

ADS Information in chronology [Only for ADS cases]

14. M/s. made an online application vide proposal no. dated The proposal was initially considered in meeting of Re-constituted EAC (Industry-1) held on Proposal was deferred for want of additional information. The observations and recommendation is given as below:

15. The proponent submitted the ADS reply vide letter dated uploaded on PARIVESH on..... Point- wise reply of ADS is given as below:

| S No | ADS Point | Reply/Response of PP |
|------|-----------|----------------------|
| | | |

Annexure –III(Template for EC presentation)

Slide no. 1

| | |
|---|---|
| <h2 style="margin: 0;">NAME OF THE PROJECT</h2> | |
| EAC MEETING DETAILS & AGENDA NO. | PROPOSAL NO. FILE NO. |
| <ul style="list-style-type: none">• NAME OF THE PROJECT PROPONENT WITH ADDRESS | <ul style="list-style-type: none">• NAME OF THE CONSULTANT• NABET REGISTRATION NO.• VALIDITY |

1

Slide no. 2:

| BRIEF INFORMATION | | |
|-------------------|--|---------|
| SL. NO. | PARTICULARS | DETAILS |
| 1. | DATE OF GRANT OF ToR | |
| 2. | BASELINE STUDY PERIOD | |
| 3. | DATE OF PUBLIC HEARING | |
| 4. | PROJECT COST | |
| 5. | EMP COST (CAPITAL AND RECURRING) | |
| 6. | MANPOWER DETAILS | |
| 7. | DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980 B) WLPA,1972 C) CRZ, 2011 | |
| 8. | CPA/SPA/ESA/ESZ, IF ANY | |
| 9. | INTERLINKED PROJECT, IF ANY, WITH STATUS | |
| 10. | ANY OTHER RELEVANT INFORMATION | |

2

Slide no. 3

LOCATION MAP

3

Slide no. 4

LINK FOR KML FILE & GOOGLE EARTH IMAGE

4

Slide no. 5

TOPOGRAPHICAL MAP

5

Slide no. 6

LAND ALLOTTED/ACQUISTION STATUS

6

Slide no. 7

PREVIOUS EC DETAILS

(In case of Expansion Projects)

- EC granted on

| Facilities envisaged | Consent status (CTE/CFO) | Implementation status | Remarks | Production details | Details of Violation, if any |
|----------------------|--------------------------|-----------------------|---------|--------------------|------------------------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

7

Slide no. 8

Compliance status of existing unit

- Certified report issued on

| Non-compliances reported if any | Corrective action taken | Present status | Remarks |
|---------------------------------|-------------------------|----------------|---------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

8

Slide no. 9

ENVIRONMENTAL SITE SETTINGS

| SL. NO. | PARAMETERS | DETAILS |
|---------|--|---------|
| a. | Water body | |
| b. | Highway | |
| c. | Railway line | |
| d. | Habitation | |
| e. | National Park/Wildlife Sanctuary/Bio-sphere Reserve/Elephant corridor/ Tiger reserve/Eco-sensitive Zone/Eco sensitive Area | |
| f. | Any other | |

Slide no. 10

EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

| NAME OF THE FACILITY | CONFIGURATION (Existing/Expansion) | TOTAL CAPACITY (TPA) |
|----------------------|---------------------------------------|-------------------------|
| | | |
| | | |
| | | |

10

Slide no. 11

PLANT LAY OUT

11

Slide no. 12

RAW MATERIAL CONSUMPTION

| SL.NO. | RAW MATERIAL | QUANTITY (TPA) | SOURCE | DISTANCE (W.R.T. PLANT) | MODE OF TRANSPORT | REMARKS |
|--------|--------------|-------------------|--------|----------------------------|----------------------|---------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

12

Slide no. 13

FUEL, POWER / ENERGY & WATER REQUIREMENT WITH REQUISITE PERMISSION DETAILS

| SL. NO. | TYPE | REQUIREMENT | PERMISSION DETAILS | REMARK |
|------------|-------------------|-------------|-----------------------|--------|
| 1 | FUEL | | | |
| 2 | POWER/ENERGY | | | |
| 3 | WATER REQUIREMENT | | | |

13

Slide no. 14

WATER BALANCE DIAGRAM

14

Slide no. 15

BASE LINE STUDY AREA MAP WITH LOCATIONS

15

Slide no. 16

METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

16

Slide no. 17

BASE LINE STUDY REPORTS

| | |
|--|--|
| PERIOD | |
| AAQ PARAMETERS AT LOCATIONS | PM _{2.5} =µg/m ³ PM ₁₀ =µg/m ³ SO ₂ =µg/m ³ NO ₂ =µg/m ³ CO =mg/m ³ Any other relevant parameter |
| AAQ MODELLING (Incremental GLCs) | PM =µg/m ³ (Distance and Direction) SO ₂ =µg/m ³ (Distance and Direction) NOx = µg/m ³ (Distance and Direction) |
| GROUND WATER QUALITY AT LOCATIONS | pH:, Total Hardness:mg/l, Chlorides:mg/l, Fluoride:mg/l. Heavy metals Any other relevant parameter |
| SURFACE WATER QUALITY AT.....LOCATIONS | pH:, DO:mg/l, BOD:mg/l & COD:mg/l. Any other relevant parameter |
| NOISE LEVELS AT.....LOCATIONS | todBA for day time and todBA for night time. |

17

Slide no. 18

TRANSPORTATION PLAN - VEHICULAR TRAFFIC LOAD STUDY AS PER IRC GUIDELINE

| PARTICULARS | DETAILS | REMARKS |
|--|---------|---------|
| TRAFFIC LOAD STUDY PERIOD | | |
| TRAFFIC LOAD (BASELINE) (PCU/DAY) | | |
| ADDITIONAL TRAFFIC LOAD DURING OPERATION OF THE EXPANSION PROJECT (PCU/DAY) | | |
| TOTAL TRAFFIC LOAD DURING OPERATION OF EXISTING AND PROPOSED EXPANSION (PCU/DAY) | | |
| TRAFFIC CAPACITY AS PER THE IRC 73: 1980 FOR HIGHWAYS (PCU/DAY) | | |

18

Slide no. 19

Isopleths

19

Slide no. 20

PUBLIC CONSULTATION PHOTOGRAPHS

20

Slide no. 21

PUBLIC CONSULTATION

- Notice made through advertisement in the Newspapers..... and.....on
- Conducted on(Date) at(Time) at(Venue), Village, Tehsil,District,State under the chairmanship of
- Attended by.....
- Issues are

21

Slide no. 22

ACTION PLAN TO ADDRESS PH ISSUES

| SL.NO. | ISSUE RAISED | COMITTMENT BY PROJECT PROPONENT | ACTION PLAN WITH TIME FRAME AND BUDGET |
|--------|--------------|---------------------------------|--|
| | | | |
| | | | |
| | | | |
| | | | |

22

Slide no. 23

EMP – AIR (Construction/Operation)

23

Slide no. 24

EMP – NOISE(Construction/Operation)

23

Slide no. 25

EMP – WATER (Construction/Operation)

23

Slide no. 26

EMP – GREEN BELT (Construction/Operation)

23

Slide no. 27

EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

| SL. NO. | TYPE OF WASTE | QUANTITY (TPD) | | | MODE OF DISPOSAL | AGREEMENT DETAILS FOR DISPOSAL |
|---------|---------------|----------------|----------|-------|------------------|--------------------------------|
| | | EXISTING | PROPOSED | TOTAL | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

27

Slide no. 28

POST PROJECT MONITORING

| SL. NO | ENVIRONMENT /SOCIAL CONTROL MEASURE | COST OF EMP | | | | | | REMARKS |
|--------|-------------------------------------|-------------|-----------------------|----------|-----------------------|---------|-----------------------|---------|
| | | EXISTING | | PROPOSED | | TOTAL | | |
| | | CAPITAL | RECURRING (PER ANNUM) | CAPITAL | RECURRING (PER ANNUM) | CAPITAL | RECURRING (PER ANNUM) | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

28

Slide no. 29

RISK ASSESSMENT FINDINGS AND ITS MITIGATION

29

Slide no. 30

ENERGY CONSERVATION MEASURES

30

Slide no. 31

DIRECTION/COURT CASE/LITIGATION

31

Slide no. 32

ANY OTHER RELEVANT INFORMATION

32

Slide no. 33: TOR wise compliance presentation

Point Wise Standard TOR Compliance

TOR Point-1: Executive Summary of the Project.
Reply:

TOR Point-2: Introduction i) Details of the EIA consultant including NABET accreditation ii) Information about the project proponent iii) Importance and benefits of the project
Reply:

And so on.....

23

Slide 34 : Details of study of Impact assessment of ground water if ground water requirement is more than 100 KLD in OCS area (Over exploited, semi critical, critical area) permission to groundwater withdrawal should be based on study of Impact assessment of ground water withdrawal and be a part of EIA as per Hon'ble NGT direction in OA N.176 /2015 dated 20.7.2020.

Slide 35: The presentation shall also include details of carbon foot prints and carbon sequestration study w.r.t. proposed project needs to spell out. Proposed mitigation measures also needs to be included in the PPT for appraisal of the EAC.

Slide 36: Other details of Project and critical issues, if any.

Slide No. 1

| | |
|--|--|
| <h2 style="margin: 0;">NAME OF THE PROJECT</h2> | |
| EAC MEETING DETAILS & AGENDA NO. | PROPOSAL NO AND SUBMISSION DATE |
| <ul style="list-style-type: none">NAME OF THE PROJECT PROPONENT WITH ADDRESS | <ul style="list-style-type: none">NAME OF THE CONSULTANTNABET REGISTRATION NO.VALIDITY |

1

Slide No. 2

| BRIEF INFORMATION | | |
|-------------------|---|---------|
| SL. NO. | PARTICULARS | DETAILS |
| 1 | S.NO. IN THE SCHEDULE & PROJECT SECTOR | |
| 2 | CATEGORY OF THE PROJECT | |
| 3 | SPECIFIC/GENERAL CONDITION APPLICABLE | |
| 4 | PROPOSED SITE/LAND DETAILS | |
| 5 | GREENBELT DETAILS | |
| 6 | PROJECT COST | |
| 7 | MANPOWER DETAILS | |
| 8 | DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980, B) WPA,1972, C) CRZ, 2011 | |
| 9 | CPA/SPA/ESA/ESZ, IF ANY | |
| 10 | INTERLINKED PROJECT, IF ANY, WITH STATUS | |

2

Slide No. 3

LOCATION MAP

3

Slide No. 4

LINK FOR KML FILE

4

Slide No. 5

ALTERNATE SITE ANALYSIS

(In case of green-field project)

| PARAMETERS | SITE 1 | SITE 2 | SITE 3 | SELECTED SITE WITH JUSTIFICATION |
|------------|--------|--------|--------|----------------------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

5

Slide No. 6

PREVIOUS EC DETAILS

(In case of Expansion/De-novo Projects)

| PARTICULARS | DOCUMENT NO. | DATE | VALIDITY | IMPLEMENTATION STATUS |
|-----------------------|--------------|------|----------|-----------------------|
| DETAILS OF EARLIER EC | | | | |
| DETAILS OF CTE | | | | |
| DETAILS OF CTO | | | | |

Note: Delete, whichever not applicable

6

Slide No. 7

ENVIRONMENTAL SETTINGS – Study area

| SL. NO. | PARAMETERS | DETAILS |
|---------|--|---------|
| a. | Water body | |
| b. | Highway | |
| c. | Railway line | |
| d. | Habitation | |
| e. | National Park/Wildlife Sanctuary/Bio-sphere Reserve/Elephant corridor/ Tiger reserve/Eco-sensitive Zone/Eco sensitive Area | |
| f. | Any other | |

7

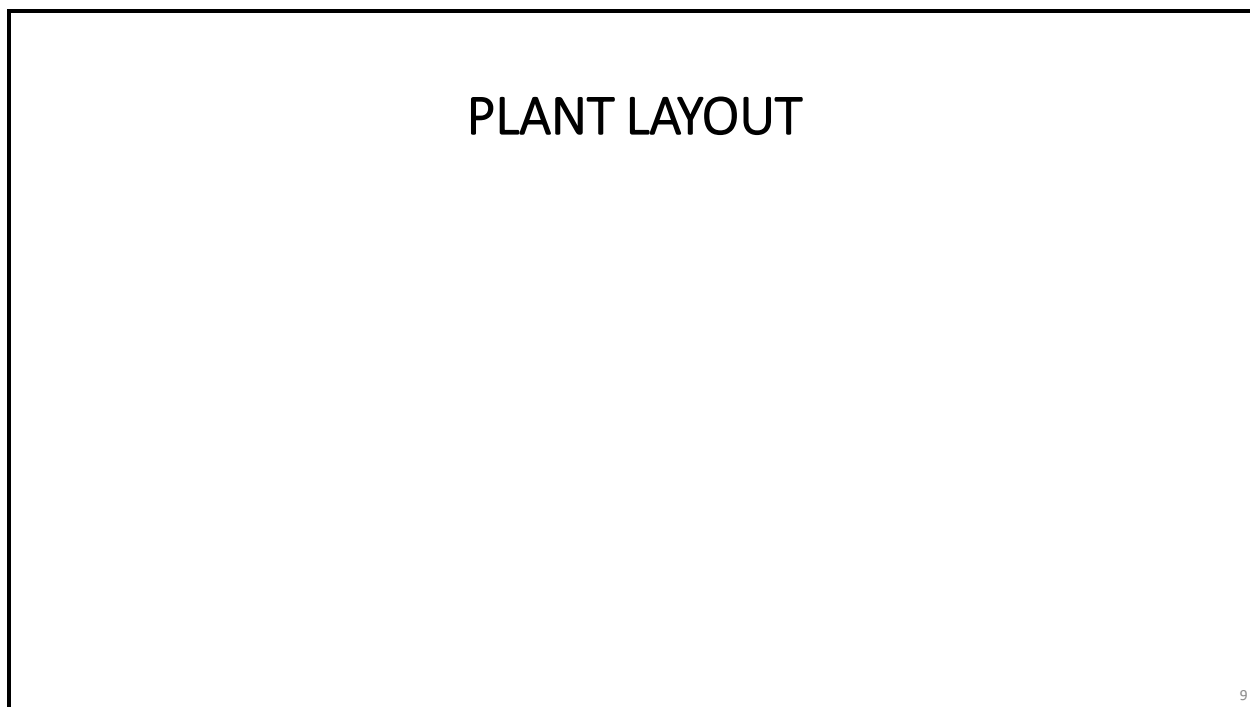
Slide No. 8

PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

| NAME OF THE FACILITY | CONFIGURATION | CAPACITY (TPA) |
|----------------------|---------------|----------------|
| | | |
| | | |
| | | |

8

Slide No. 9



Slide No. 10

| RAW MATERIAL CONSUMPTION | | | | | |
|--------------------------|--------------|----------|--------|-------------------|---------|
| SL. NO. | RAW MATERIAL | QUANTITY | SOURCE | MODE OF TRANSPORT | REMARKS |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Slide No. 11

FUEL, POWER & WATER CONSUMPTION

| Sl. No. | PARTICULARS | QUANTITY | SOURCE | MODE |
|---------|-----------------------|----------|--------|------|
| 1 | WATER REQUIREMENT | | | |
| 2 | POWER REQUIREMENT | | | |
| 3 | FUEL REQUIREMENT | | | |
| 4 | ANY OTHER REQUIREMENT | | | |

11

Slide No. 12

PROPOSED ToR

| Attributes | Sampling | | Remarks |
|---|-----------------|-----------|---------|
| A. Air | No. of stations | Frequency | |
| a. Meteorological parameters | | | |
| a. AAQ parameters | | | |
| A. Noise | | | |
| A. Water | | | |
| Surface water/Ground water quality parameters | | | |
| A. Land | | | |
| a. Soil quality | | | |
| b. Land use | | | |
| A. Biological | | | |
| a. Aquatic | | | |
| b. Terrestrial | | | |
| A. Socio-economic parameters | | | |

12

Slide No. 13

STUDY AREA MAP WITH LOCATIONS

13

Slide No. 14

DIRECTIONS/COURT CASE/LITIGATION

14

Slide No. 15

ANY OTHER RELEVANT INFORMATION

15

LIST OF MEMBERS OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 Sector)

| S. No. | Name & Address | Position |
|---------------|--|-----------------|
| 1. | Shri Rajive Kumar, IFS Retired B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-226010 chairman.eac.ind.1@gmail.com | Chairman |
| 2. | Dr. S Ranganathan AT-5 Banyan Tree Apartments, 154 Kariyamma Aghara, Devarabeesanahalli, Near Sakra World Hospital, Bengaluru 560103 ranganathan.metals@gmail.com | Member |
| 3. | Dr. Ranjit Prasad Associate Professor Department of Mineral Processing Technology, Environmental Quality, EIA Process NIT Jamshedpur Q. No. CF 52, NIT Jamshedpur Campus, PO-NIT, Adityapur, PIN-831014 ranjitniti@gmail.com | Member |
| 4. | Dr. E V R Raju Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049, telangana.rajuevr60@gmail.com | Member |
| 5. | Dr. S. K. Singh Professor - Civil & Environmental Engg., DTU, Type V/29, Professor & Dean Delhi Technological University Campus (Formerly Delhi College of Engineering) Bawana Road Delhi-110042 sksinghdce@gmail.com , | Member |
| 6. | Dr. Jai Krishna Pandey Chief Scientist & Head, Mine Fire, Ventilation and Miner's health Research Group Room No. TG- 8, Technological Block CSIR- Central Institute of Mining and Fuel Research Barwa Road, Dhanbad-826015 (Jharkhand) Email: jaikrishnapandey@gmail.com | Member |
| 7. | Dr. Dipankar Shome House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-440007 dshome61@gmail.com | Member |
| 8. | Dr. Tejaswini Ananthkumar 84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004 tejaswini.acf@gmail.com | Member |
| 9. | Dr. Hemant Sahasrabudhe LB-53, Housing Board Colony, Laxminagar, Nagpur-440022, Maharashtra, India sshemant_801@rediffmail.com | Member |

| S. No. | Name & Address | Position |
|---------------|---|---------------------|
| 10. | Director General, National Council for Cement and Building Materials 34, Km Stone, Delhi-Mathura Road (NH-2), Near Sant Surdas (Sihi) Metro Station, Sector 4, Ballabhgarh, Faridabad, Haryana 121004 Email: dg@ncbindia.com | Member |
| 11. | Shri Nazimuddin, Director & Divisional Head-IPC-II Division Central Pollution Control Board Parivesh Bhawan, East Arjun Nagar, Delhi-110032 Email: nazim.cpcb@nic.in | Member |
| 12. | Dr. S. Raghavan, Scientist "D", Regional Occupational Health Centre, ROHC(S), Bangalore Email: raghuharihar@gov.in , raghuharihar@yahoo.co.in | Member |
| 13. | Dr. Sanjay Bist, Scientist 'E' Indian Meteorological Department, Mausam Bhawan, Lodhi Road, New Delhi – 110003 Email: sanjay.bist@imd.gov.in | Member |
| 14. | Dr. R. B. Lal Scientist 'E'/Additional Director Ministry of Environment, Forest and Climate Change Indira Paryavaran Bhawan, Room No. V-304, Vayu Wing, Jor Bag Road, New Delhi-110003 Telefax: 011-20819346 E-mail: rb.lal@nic.in | Member Secretary |

Quick User Manual to use Desktop Videoconference

NIC, MoEFCC will moderate the Hybrid Video Conferencing meeting. The Guidelines related to connecting VC is annexed herewith. PP will be ready before 10 minutes of the slot allowed to them. If any problem faced please contact **Mr Kamal, Moderator, NIC (Mobile No. 8800225087, email-support-ipb@nic.in)**.

- PP/Consultant who want to make presentation during EAC, they have to download/install VidyoApp on desktop/Laptop.
- A web Link will be shared by Member Secretary/Moderator before the EAC meeting. It is requested to be ready before 10 minutes as per slot provided to you.
- Joining from Mobile devices : Click on the link on your mobile device. It will asked you to join the conference. It may asked installed Mobile App (VidyoMobile). Installed the VidyoMobile and click on link to join VC.
- Please see the control menu to manage the conference. Keep your microphone muted and unmute only when you speak. You can chat or share desktop screen.
- User should have minimum Internet connection of 2 Mbps from any service provider (Broadband/4G etc)
- A Desktop/Laptop working in windows (Recommended).
- Wired Earphone/Headphones with Microphone (Strongly recommended) or External USB camera & Speaker cum microphone.
