

Government of India
Ministry of Environment, Forest and Climate Change
(IA Division – Industry 1)

Indira Paryavaran Bhawan
JorBagh Road, Aliganj,
New Delhi – 110003
Dated: 29th December, 2021

To

As per list enclosed.

Subject: 51st meeting of the Re-Constituted Expert Appraisal Committee of Industry–1 sector project to be held on 11th January, 2022 - reg.

Sir,

1. The undersigned is directed to inform you that the project proposals as furnished below will be considered by the Reconstituted Expert Appraisal Committee for Industry –1 sector in its 51st meeting scheduled to be held on **11th January, 2022 through video conferencing (VC) in view of the ongoing Corona Virus Disease (Covid-19) issue. You are also requested to send your consent to attend the VC by 01/01/2022. The web link for the VC meeting will be circulated by email in due course of time.**
2. For the purpose, the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, public hearing report, queries subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., in accordance with Environment Impact Assessment Notification, 2006 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 01/01/2022. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action.**
3. A copy of this letter may also be enclosed as a reference while mailing the documents to the Chairman/Members.
4. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/e-mail pertaining to the projects latest by **01/01/2022 positively. Failing which the Committee will not consider the project.**
5. 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.
6. **In addition to the above, kindly send a brief write up (Format enclosed as Annexure – 1) of project (maximum three 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 25-30 slides to the following email address as well as to the EAC members by 01/01/2022. A copy of the template for EC and ToR presentation is enclosed.** 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 |
|-----------------|--|--|-----------------------------------|
| | | | |

dirind-moefcc@gov.in
r.sundar@nic.in
sandeepan.bs@gov.in

Encl: as above.

Yours faithfully,
Sd/-

(Sundar Ramanathan)
Scientist 'E'

**LIST OF MEMBERS OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1)
FOR CIRCULATION OF SOFT COPIES**

| S.No. | Name & Address | Position |
|----------------|---|----------|
| 1. | Dr. Chhavi Nath Pandey, IFS(Retired), (Former PCCF& HoFF, Gujarat) House No. 726 B, Sector-8(C), (Behind Gandhinagar Samachar), Gandhi Nagar, Gujarat – 382007 E-mail: cnpandey@iitgn.ac.in | Chairman |
| Members | | |
| 2. | Director, Central Pulp and Paper Research Institute (CPPRI), Paper Mill Road, Himmat Nagar, Saharanpur, Uttar Pradesh- 247001 E-mail: mkg_cppri@rediffmail.com director.cppri@gmail.com | Member |
| 3. | Director General of Meteorology, Indian Meteorological Department (IMD), Mausam Bhawan, Lodhi Road, New Delhi – 110003 E-mail: siddhartha.singh74@gmail.com | Member |
| 4. | Dr. Jagdish Kishwan, IFS (Retired) (Former Additional Director General, Ministry of Environment Forest & Climate Change) Srishti Parsvanath Prestige II, Tower 8, Flat-101, Sector 93-A, NOIDA- 201304 E-mail: jkishwan@gmail.com | Member |
| 5. | Dr. Tejaswini AnanthKumar Residence-84, Ranoji Rao Road, Basavanagudi, Bengaluru – 560 004 Tel: 080-26568484; Email: tejaswini.acf@gmail.com | Member |
| 6. | Dr. G.V. Subramanyam, (Former Advisor, Ministry of Environment Forest & Climate Change) C-22, KendriyaVihar, Sector 51, Noida – 201301. Uttar Pradesh. E-mail: sv.godavarthi@gmail.com | Member |
| 7. | Shri. Ashok Upadhyaya, Technology Expert (Environment), B10/7052, Vasant Kunj, New Delhi -110070. E-mail: ahupadhy@rediffmail.com | Member |
| 8. | Shri. Rajendra Prasad Sharma, | Member |

| S.No. | Name & Address | Position |
|-------|---|------------------|
| | Expert (Energy & Environment), 4528, Achiever's Villa, Kalindi Hills, Sector49, Faridabad- 121001, Haryana E-mail: rpsh3@hotmail.com | |
| 9. | Dr. Sanjay Deshmukh, (Former Vice Chancellor, University of Mumbai), Prof. Life Sciences, Mumbai University, Vidyanagari, Santacruz (E), Mumbai 400098. E-mail: docsvd@yahoo.com | Member |
| 10. | Prof. S.K. Singh, Prof. and Dean of Env. Engg., Delhi Technical University, Type-V/29, DTU Campus, Bawana Road, Delhi – 110042 E-mail: sksinghdce@gmail.com | Member |
| 11. | Dr. R. Gopichandran, Former Director, Vigyan Prasara, DST, C-203, Angelmercury, Behind Shanthi Gopal Hospital, AhinsaKhand-II, Indirapuram, Ghaziabad, U.P. E-mail: r.gopichandran61@gmail.com | Member |
| 12. | Shri Jagannadha Rao Avasarala, Environment Expert, 49-37-8/1, NGGO Colony, Akkayyapalem, Visakhapatnam – 530016. E-mail: avasaralajagan@gmail.com | Member |
| 13. | Shri. J.S. Kamyotra, (Former Member Secretary, Central Pollution Control Board), WZ 169, B 1 st Floor, Street No. 5, Veerender Nagar, New Delhi – 1110058. E-mail: kamyotra@yahoo.co.in | Member |
| 14. | Shri. Sundar Ramanathan, Scientist 'E' Indira Paryavaran Bhawan JorBagh Road, Aliganj, New Delhi, E-mail: dirind-moefcc@gov.in ; r.sundar@nic.in | Member-Secretary |

AGENDA
51ST MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE
– INDUSTRY 1 SECTOR TO BE HELD ON 11TH JANUARY, 2022

Time schedule: 10.30 Hrs to 13.30 Hrs

- 51.1 Expansion of Steel Plant by enhancing Sponge Iron Plant from 2,83,500 TPA to 4,93,500 TPA; Sinter plant from 2,59,000 TPA to 5,18,400 TPA; Pig Iron through Blast Furnace from 87,500 TPA to 3,12,500 TPA; Billets through IF from 2,16,000 TPA to 4,56,000 TPA, Rolled products through Rolling Mill from 90,000 TPA to 4,20,000 TPA, Power generation through WHRB of DRI Kilns -16 MW to 40 MW & Pelletization Plant of 2 x 0.6 MTPA capacity with existing Ferro Alloy plant (Si-Mn) of 10,800 TPA, Coal washery of 1,50,000 TPA and CPP (FBC Boiler) of 48 MW by **M/s. Singhal Enterprises Private Limited** located at Taraimal Village, Tamnar Tehsil, **Raigarh District, Chhattisgarh** [Online Proposal No. IA/CG/IND/88614/2018, File No. J-11011/195/2007-IA.II(I)] – **Environment Clearance – regarding.**
- 51.2 Proposed capacity expansion of Asbestos Cement Sheets & Accessories Project From 60,000 TPA TO 2,50,000 TPA by **M/s. Royal Uniforce Roofing Private Limited** located at Plot no U-4, Sector – A, AKVN Industrial Growth Centre, Village Borgaon, Tehsil Sausar, **District Chhindwara, Madhya Pradesh.** [Online Proposal No. IA/MP/IND/236722/2009, File No. J-11011/7/2010-IA II(I)] – **Environment Clearance – regarding.**
- 51.3 Expansion in Clinker Production Capacity (5.0 to 5.2 MTPA) and WHRS {13.2 (Water Cooled) to 15 MW (Air Cooled)} along with additional WHRS {15 MW (Air Cooled)} and Reduction in capacity of Captive Power Plant (47 to 22 MW) by **M/s. JK Cement Limited** located at Kailash Nagar, Tehsil Nimbahera, **District Chittorgarh, Rajasthan** [Online Proposal No. IA/RJ/IND/236959/2021, File No. J-IA-J-11011/243/2016-IA-II(I)] – **Environment Clearance under the provision of para 7 (ii) of EIA Notification, 2006 – regarding.**
- 51.4 Green field Integrated Steel Plant of 6.0 MTPA along with Captive Power Generation of 893 MW by **M/s. Uttam Galva Ferrous Limited** located at Villages Kuduthini, Veniveerapura, Yerangaligi & Kolagallu, **Taluka & District Bellary, Karnatka** [Online Proposal No. IA/KA/IND/234365/2021; File no: IA-J-11011/80/2014-IA-II(I)] – **Prescribing of Terms of Reference – regarding.**

Time schedule: 14.00 Hrs to 17.30 Hrs

- 51.5 Set up of green field Steel Melting Shop of 2,08,400 TPA and Rolling Mill of 2,00,000 TPA by **M/s. Ambica Steel India Limited** located at Mokhana Village, Taluka Bhuj, **District Kutch, Gujarat** [Online Proposal No. IA/GJ/IND/243213/2021; File no: IA-J-11011/508/2021-IA-II(IND-I)] - **Prescribing of Terms of Reference – regarding.**
- 51.6 Proposed Standalone Grinding Unit with Cement Production Capacity of 2.0 MTPA along with D.G. Set of 500 KVA by **M/s. Orient Cement Limited** located at Village: Kachewani, MIDC Industrial area, Taluka: Tirora, **District: Gondia, Maharashtra** [Online Proposal No. IA/MH/IND/243570/2021; File no: IA-J-11011/529/2021-IA-II(IND-I)] - **Prescribing of Terms of Reference – regarding.**

- 51.7 Proposed Sattur Cement Grinding Unit (2x2.5 MTPA - OPC/PPC/PSC/PCC) by **M/s. Dalmia Bharat Green Vision Limited** located at Mulliseval & Peddureddipatti Villages, Sattur Taluk, **Virudhunagar District, Tamil Nadu** [Online Proposal No. IA/TN/IND/243976/2021; File no: IA-J-11011/532/2021-IA-II(IND-I)] - **Prescribing of Terms of Reference – regarding.**
- 51.8 Integrated Steel Plant of 0.9 MTPA (Finished Steel) along with 137 MW (92 MW WHRB based & 45 MW Coal and Dolochar mix based) Captive Power Plant by **M/s. Orissa Alloy Steel Private Limited** located at Mouza - Chakganesh, Malipur, & Baradiha, Tehsil Kharagpur (L), **District Paschim Medinipur, West Bengal** [Online Proposal No. IA/WB/IND/244109/2021; File no: IA-J-11011/518/2021-IA-II(IND-I)] - **Prescribing of Terms of Reference – regarding.**
- 51.9 Any other item with permission of the Chair.

Annexure – I

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 | | | | | | | | | | | | |
|------------|---|--|------------|----------|-----------|--|--|--|--|--|--|--|--|--|--|
| 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><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></table> | Habitation | Distance | Direction | | | | | | | Status of R&R. | | | |
| Habitation | Distance | Direction | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| iv. | 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></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><tr><th>Water body</th><th>Distance</th><th>Direction</th></tr><tr><td></td><td></td><td></td></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 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| viii. | Existence of ESZ/ ESA/ national park/ | Study area Name of the ESZ/ESA: | | | | | | | | | | | | | |

| S.No. | Particulars | Details | Remarks |
|-------|---|---|---------|
| | wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area | 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]

| Sl. 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 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 | | | | | | |
| | | Config-uration | Capacity | Config-uration | Capacity | Config-uration | Capacity | Config-uration | Capacity | Config-uration | Capacity | Config-uration | 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 µg/m ³ SO ₂ = to µg/m ³ NOx = to µg/m ³ | |

| | CO = to $\mu\text{g}/\text{m}^3$ | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------------------|-----------------------------|-------------------------------|--------------------------|-----|--|--|--|--|--|------|-----------------------------|-------------------------------|--------------------------|-----|--|--|--|--|--|--|
| Incremental GLC level | PM ₁₀ =..... $\mu\text{g}/\text{m}^3$ (Level atkm in..... Direction) SO ₂ = $\mu\text{g}/\text{m}^3$ (Level atkm in..... Direction) NO _x = $\mu\text{g}/\text{m}^3$ (Level atkm in..... Direction) CO = $\mu\text{g}/\text{m}^3$ (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><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><tr><td></td><td></td><td></td><td></td><td></td></tr></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><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><tr><td></td><td></td><td></td><td></td><td></td></tr></table> <p><i>* Note: Capacity as per IRC-..... Guide line for capacity for roads.</i></p> <p>Conclusion: The level of service will after including additional traffic due to proposed project.</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.) | Existing 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.) | Existing V/C Ratio | LOS | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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 | i. ----- ii. ----- |

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

| S N o | 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 | | | | |

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 | | | |

| Particulars | As per EC dated ----- | After proposed change under para 7(ii) | % increase |
|--------------|--------------------------|---|------------|
| 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.

| Sl. | 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> </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> </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> </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 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: | | | | | | | | | | | | | |

4. The existing project was accorded environmental clearance (OR) Consent to Establish [in case of not obtained EC] vide lr.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 lr. 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:

| 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 | | | | | | |
| | | Config-uration | Capacity | Config-uration | Capacity | Config-uration | Capacity | Config-uration | Capacity | Config-uration | Capacity | Config-uration | 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 vide 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 |
|------------------------------|------------|-----------------|-----------|---------|
| A. Air | | No. of stations | Frequency | |
| a. Meteorological parameters | | | | |
| b. AAQ parameters | | | | |
| B. Noise | | | | |
| C. Water | | | | |

| Attributes | Parameters | Sampling | | Remarks |
|---|------------|----------|--|---------|
| 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 |
|------|-----------|----------------------|
| | | |

NAME OF THE PROJECT

**EAC MEETING DETAILS &
AGENDA NO.**

**PROPOSAL NO.
FILE NO.**

**• NAME OF THE PROJECT
PROPONENT WITH ADDRESS**

**• NAME OF THE CONSULTANT
• NABET REGISTRATION NO.
• VALIDITY**

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 | |

LOCATION MAP

LINK FOR KML FILE & GOOGLE EARTH IMAGE

TOPOGRAPHICAL MAP

LAND ALLOTTED/ACQUISITION STATUS

PREVIOUS EC DETAILS

(In case of Expansion Projects)

- EC granted on

| Facilities envisaged | Consent status (CTE/CFO) | Implementation status | Remarks |
|----------------------|-----------------------------|--------------------------|---------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Compliance status of existing unit

- Certified report issued on

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

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 | |

EXISTING & PROPOSED UNIT CONFIGURATION
WITH CAPACITY IN TPA

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

PLANT LAY OUT

(Please provide Approved to the scale engineering drawing)

RAW MATERIAL CONSUMPTION

| SL.NO. | RAW MATERIAL | QUANTITY (TPA) | SOURCE | DISTANCE (W.R.T. PLANT) | MODE OF TRANSPORT | REMARKS |
|--------|--------------|-------------------|--------|----------------------------|----------------------|---------|
| | | | | | | |
| | | | | | | |
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FUEL, POWER / ENERGY & WATER REQUIREMENT WITH REQUISITE PERMISSION DETAILS

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

WATER BALANCE DIAGRAM

Materials Balance Diagram

BASE LINE STUDY AREA MAP WITH LOCATIONS

METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

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) Please specify model used. | 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. |

TRANSPORTATION PLAN - VEHICULAR TRAFFIC LOAD STUDY AS PER IRC GUIDELINE

(Please include type of road and PCU limit)

| 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) | | |

Isopleths

PUBLIC CONSULTATION PHOTOGRAPHS

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

ACTION PLAN TO ADDRESS PH ISSUES

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

EMP – AIR (Construction/Operation)

EMP – NOISE (Construction/Operation)

EMP – WATER (Construction/Operation)

EMP at site during Construction

Shall provide site management plan for management of fugitive emissions during construction covering responsible person's contact details, communication protocol details, site preparation and setting up measuring stations at plant boundary, inspection of site by project authorities and district authorities, complaint registration and response mechanism & record keeping and display of pollution level at site entry point/gate. Mitigation measures including water fogging and air curtains and restoring back the site surroundings after completion of construction. Shall also be provided with project time frame.

EMP – GREEN BELT (Construction/Operation)

EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

| SL. NO. | TYPE OF WASTE | Source Name | QUANTITY (TPA) | | | Treatment before disposal | MODE OF DISPOSAL | AGREEMENT DETAILS FOR DISPOSAL |
|---------|---------------|-------------|----------------|----------|-------|---------------------------|------------------|--------------------------------|
| | | | EXISTING | PROPOSED | TOTAL | | | |
| 1 | Slag | BF | | | | Steam weathering | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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) | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

RISK ASSESSMENT FINDINGS AND ITS MITIGATION

ENERGY and Water CONSERVATION MEASURES

ANY OTHER RELEVANT INFORMATION

DIRECTION/COURT CASE/LITIGATION

NAME OF THE PROJECT

**EAC MEETING DETAILS &
AGENDA NO.**

- NAME OF THE PROJECT
PROPOSER WITH ADDRESS

**PROPOSAL NO AND SUBMISSION
DATE**

- NAME OF THE CONSULTANT
- NABET REGISTRATION NO.
- VALIDITY

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 | |

LOCATION MAP

LINK FOR KML FILE

ALTERNATE SITE ANALYSIS

(In case of green-field project)

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

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

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 | |

PROPOSED UNIT CONFIGURATION WITH
CAPACITY IN TPA

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

PLANT LAYOUT

RAW MATERIAL CONSUMPTION

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

FUEL, POWER & WATER CONSUMPTION

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

PROPOSED ToR

| Attributes | Sampling | | Remarks |
|---|-----------------|-----------|---------|
| | No. of stations | Frequency | |
| A. Air | | | |
| 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 | | | |

STUDY AREA MAP WITH LOCATIONS & WIND ROSE

DIRECTIONS/COURT CASE/LITIGATION

ANY OTHER RELEVANT INFORMATION