

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



#### **Agenda of Expert Appraisal Committee**

**Meeting ID** : IA/IND/13411/29/12/2022

**Meeting Venue** : Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through Video Conferencing Mode

**Meeting Type** : Video Conference

Agenda Generation Date : 21-12-2022

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 | Time (From) | Time (To) |
|------|--------------|-------------|-----------|
| 1    | 29 Dec 2022  | 10:30 AM    | 18:30 PM  |

a Till on

Date of Meeting: 29-12-2022

| S.No | Proposal<br>No.                | File No.                                     | Proposal Name  | Company<br>Name                                 | Location  | Proposal<br>Type |
|------|--------------------------------|--|--|---|---|------------------|
| 1    | IA/KA/IND1/<br>403604/202<br>2 | IA-J-<br>11011/173/2<br>021-IA-<br>II(IND-I) | Proposed Expansion of<br>Sponge Iron Plant from 75<br>TPD to 300 TPD by<br>upgrading DRI Kiln (from<br>1x75 TPD to 1x100 TPD)<br>and adding new DRI Kilns<br>(2x100TPD) along with 3<br>MW Captive Power Plant<br>by M/s. Sri. Subramanya<br>Sponge Iron Pvt. Ltd.       | SRI.<br>SUBRAMANYA<br>SPONGE IRON<br>PVT. LTD., | Tehsil:<br>District:<br>State: Karnataka                          | EC               |
| 2    | IA/WB/IND1/<br>401516/202<br>2 | J-<br>11011/64/20<br>20-IA-II(I)             | Greenfield project for production of 70,500 TPA Billets through 1x350 TPD DRI kilns, 1x25 Ton Induction Furnace, 2x20 Ton Gas Oxygen Refiner and 6/11m Billet Caster by M/s Raiseland Steels Pvt. Ltd. at Village – Dhatara, P.S Raghunathpur, DisttPurulia, West Bengal | PRIVATE<br>LIMITED                              | Tehsil: Raghunathpur<br>District: Purulia<br>State: West Bengal   | EC               |
| 3    | IA/RJ/IND1/<br>408023/202<br>2 | IA-J-<br>11011/279/2<br>006-IA-<br>II(IND-I) | Expansion within the existing Chanderiya Lead Zinc Smelter Complex at Villages: Putholi, Ajoliya Ka Khera & Biliya, Tehsil: Gangrar & Chittorgarh, District: Chittorgarh (Rajasthan)   | HINDUSTAN<br>ZINC LTD.                          | Tehsil:<br>District:<br>State: Rajasthan                          | EC               |
| 4    | IA/TN/IND/2<br>90087/2021      | IA-J-<br>11011/93/20<br>21-IA-II(I)          | Pirancheri Village<br>Standalone Cement<br>Grinding Unit   | OTTATHINGAL<br>INDIA PVT LTD                    | Tehsil: Tirunelveli<br>District: Tirunelveli<br>State: Tamil Nadu | EC               |
| 5    | IA/KA/IND1/<br>402872/202<br>2 | J-<br>11011/329/2<br>021-<br>IA.II(IND-I)    | 5.00 MTPA Iron Ore<br>Processing Plant & 3.0<br>MTPA Pellet Plant over an<br>area of 26.44 Ha,<br>Integrated with Downhill<br>Pipe Conveyor over an<br>area of 16.58 Ha at<br>Village Somalapura,<br>Sandur Taluk, Bellary<br>District, Karnataka                        | MSPL LIMITED                                    | Tehsil: Sandur<br>District: Bellary<br>State: Karnataka           | EC               |

| 6 | IA/AP/IND1/<br>406403/202<br>2 | 11011/543/2<br>009-<br>IA.II(IND-I) | Cement Plant of 2.50<br>MTPA Clinker & 3.50<br>MTPA Cement | Tehsil:<br>District: Palnadu<br>State: Andhra Pradesh | TOR |  |
|---|--------------------------------|-------------------------------------|--|---|-----|--|
|   |                                |                                     | Saraswati Power & Industries Private Limited               |   |     |  |

#### Any Other Item with Permission of Chairman:

| S.N | Proposal | File No. | Proposal Name | Company | Location | Remarks |
|-----|----------|----------|---------------|---------|----------|---------|
| 0   | No.      |          | -             | Name    |          |         |

#### **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           | drjkpandey.eac.industry1@gmail.com |
| 7    | Dr. Tejaswini Ananthkumar  | Member           | tejaswini.acf@gmail.com            |
| 8    | Dr. Hemant Sahasrabuddhe   | Member           | sshemant_801@rediffmail.com        |
| 9    | Dr B Mohapatra, Director General,<br>(Representative of National Council for<br>Cement and Building Materials) | Member           | dg@ncbindia.com                    |
| 10   | Shri Nazimuddin, Scientist 'F', (Representative of Central Pollution Control Board)                            | Member           | nazim.cpcb@nic.in                  |
| 11   | Dr. S. Raghavan, Scientist 'D',<br>(Representative of National Institute of<br>Occupational Health             | Member           | raghuharihar@gov.in                |
| 12   | Dr. Sanjay Bist, Scientist 'E',<br>(Representative of Indian Meteorological<br>Department)                     | Member           | sanjay.bist@imd.gov.in             |
| 13   | Dr. R. B. Lal  | Member Secretary | rb.lal@nic.in                      |
| 14   | Dr. Dipankar Shome   | Vice Chirman     | dshome61@gmail.com                 |

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

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Dated: 21.12.2022

# AGENDA FOR 20<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON DECEMBER 29, 2022

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

- 1. It is informed that the 20<sup>th</sup> Meeting of EAC is scheduled to be held during December 29, 2022 through Video Conferencing Mode and accordingly all Project Proponents are requested to send all the documents (viz. Presentation, Brief, EIA/EMP Report and other requisite documents) to the EAC/Ministry immediately or latest by 23.12.2022.
- 2. It is requested that the Project Proponent or his/her authorized representative should participate the presentation meeting of EAC through Video Conferencing 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 Video Conferencing meeting. The Guidelines related to connecting VC is annexed herewith. 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 Moderator, NIC (Mobile No. 8800225087, email-support-ipb@nic.in). PP is requested to join the meeting in VC with Agenda No. [(for ex. 20.1 (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 23.12.2022. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action.
- 5. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/e-mail pertaining to the projects latest by <a href="mailto:23.12.2022">23.12.2022</a> 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., <a href="https://www.parivesh.nic.in">www.parivesh.nic.in</a>.
- 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 23.12.2022. 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<br>Company Name | Name of the Nodal person and consultant to be contacted | Contact Mobile/<br>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 23.12.2022.
- 9. During presentations all the important features/critical parameters such as **details of Court** cases and directions of the SPCB and its implementation status needs to be presented.
- 10. In accordance with the circular no. IA3-22/10/2022-IA.III (E-177258) dated 08.06.2022, 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 IRO 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.
- 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.
- 17. It is also requested that consultant to submit photo affidavit that EIA coordinator has visited the site and all the details and facts in the reports are correct.
- 18. The PP shall submit the details of nearby Schools, Villages, Habitations and other environmental sensitivity area and its impact due to the proposed activities and details mitigation measures needs to be spell out for further appraisal of the EAC.

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(Dr. R. B. Lal)
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Note: The items listed for environmental clearances will be taken up for appraisal only on fulfillment of relevant instruction given above.

# AGENDA FOR 20<sup>th</sup> EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING DECEMBER 29, 2022

Venue: Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan,

Jor Bagh Road, New Delhi-110003 through Video Conferencing Mode

#### DAY 1: DECEMBER 29, 2022 (THURSDAY)

Time: 10:30 Hrs -18:00 Hrs

#### **Consideration of Environmental Clearance Proposals**

20.1 Expansion of Sponge Iron Plant from 75 TPD to 300 TPD by upgrading DRI Kiln (from 1x75 TPD to 1x100 TPD) and adding new DRI Kilns (2x100TPD) along with 3 MW Captive Power Plant by M/s. Sri. Subramanya Sponge Iron Pvt. Ltd., located at Sy. Nos. 135/2, 135/3, 136A/2, 136/A3 136/B, 138/A of Haraginadoni Village, Ballari Taluk & District, Karnataka-Consideration of Environmental Clearance

[Proposal No.: IA/KA/IND1/403604/2022; File No. IA-J-11011/173/2021-IA-II(IND-I)] [Consultant: Environmental Health and Safety Consultants Pvt. Ltd.; valid upto 22.08.2024]

20.2 Greenfield project for production of 70,500 TPA Billets through 1x350 TPD DRI kilns with Hydrogen Injection System,1x25 T Induction Furnace with Billet Caster,2x20 T Gas Oxygen Refiner and 10 MW Captive Power Plant by M/s Raiseland Steel Pvt. Ltd., located at Village: Dhatara P.S: Raghunathpur, Dist: Purulia, West Bengal- Consideration of Environmental Clearance

[Proposal No. IA/WB/IND1/401516/2022; File No. J-11011/64/2020-IA-II(I)]

[Consultant: VARDAN ENVIRONET; Vaild upto 05.05.2023]

20.3 Expansion within the existing Chanderiya land Zinc Smelter Complex [Expansion in Hydro Plant by adding 1 Induction Furnace, 1 Slab Casting Line & Integratin of RZO Unit in Hydro-II, Change in Product Mix in Pyro Unit on Total Metal Basis & Installation of 1 Lead Refinery, Expansion of CPP through Modernization and Installation of 1 BPTG, Recovery of Minor Metals & Installation of 5 DG Sets] by M/s Hindustan Zinc Ltd., located at Village Putholi, Ajoliya ka Khera & Biliya, Tehsil Gangrar & Chittorgarh, District Chittorgarh, Rajasthan – Consideration of Environmental Clearance

[Proposal No. IA/RJ/IND1/408023/2022; File No. IA-J-11011/279/2006-IA-II(IND-I)] [Consultant : J. M. EnviroNet Pvt. Ltd. valid upto 07.08.2023]

#### **Re-Consideration in Environmental Clearance**

20.4 Proposed Standalone Cement Grinding Unit, Production capacity of 1,03,500 TPA, over an extent of 1.59.44 Ha (159454.16 Sq.m) by **M/s Ottathingal India Pvt. Ltd.,** located at Plot No. B1, SF. No. 1599 (P), 1600 (P), 1601(P) SIPCOT, Pirancheri Village, Tirunelveli Taluk (Now Manur Taluk) & District, **Tamil Nadu– Re-Consideration of Environmental Clearance** 

[Proposal No. IA/TN/IND/290087/2021; File No. J-11011/93/2021-IA-II(I)] [Consultant: Aadhi Boomi Mining & Enviro Tech (P) Ltd; valid upto 22.10.2024]

20.5 5.00 MTPA Iron Ore Processing Plant & 3.0 MTPA Pellet Plant over an area of 26.44 Ha, Integrated with Downhill Pipe Conveyor over an area of 16.58 Ha by M/s MSPL Limited at Village Somalapura, Sandur Taluk, Bellary District, Karnataka – Re-Consideration of Environmental Clearance

[Proposal No.: IA/KA/IND1/402872/2022; File No. IA-J-11011/329/2021-IAII(IND-1)] [Consultant: M/s ARDRA CONSULTING SERVICES PVT LTD:valid upto 29.12.2022]

#### **Consideration in TOR**

| 20.6 | Proposed  | Greenfield (        | eme   | ent Plant of 2. | 50 MTPA C   | Clinker & | 3.50 MTP  | A Cement   | (OPC/PPC   | 2), |
|------|-----------|---------------------|-------|-----------------|-------------|-----------|-----------|------------|------------|-----|
|      | 50 MW T   | hermal Pow          | er Pl | lant, and 15 I  | MW Waste    | Heat Re   | covery Pl | ant of M/s | s. Sarasw  | ati |
|      | Power &   | <b>Industries F</b> | riva  | te Limited, L   | ocated at T | angeda,   | Vemavara  | am & Chei  | nnayyapale | m   |
|      | Villages, | Dachepalli          | &     | Machavaram      | Mandals,    | Guntur    | District, | Andhra     | Pradesh    | _   |
|      | Consider  | ation of TOF        | ?     |                 |             |           |           |            |            |     |

[Proposal No. IA/AP/IND1/406403/2022; File No. J-11011/543/2009-IA.II(IND-I)]

20.7 Any other item with permission of the Chair.

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

| 1. | M/s          | has ma  | ade an online app | olication vide propo | osal no        |           | Dated    |
|----|--------------|---|-------------------|----------------------|----------------|-----------|----------|
|    |              | along with copy of                                      | EIA/EMP report,   | Form and Certific    | ed compliance  | report [  | Only for |
|    | expansion a  | <mark>ind clause 7(ii) cases</mark> ] see               | eking Environmei  | nt Clearance (EC)    | under the prov | isions of | the EIA  |
|    |              | 2006 for the project ment<br>es pertaining to the proje |                   |                      | •              |           |          |
|    | of the EIA I | Notification, 2006 and at                               | ,                 |                      | <u> </u>       |           |          |
|    | appraised a  | t Central Level.  |                   |                      |                |           |          |

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

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

| 3. | The project of M/s  | located in        | Village,   | Tehsil, .  | District,     | State is fo    | Эr |
|----|---------------------|-------------------|------------|------------|---------------|----------------|----|
|    | setting up of a new | For production of | of Million | Tons Per / | Annum (MTPA)/ | enhancement of | эf |
|    | production of Fron  | n to MTPA.        |            |            |               |                |    |

4. Environmental site settings

|        | Particulars  |  | Details                   |                       | Remarks  |
|--------|--|--|---------------------------|-----------------------|--|
| S. No. |  |  |                           |                       |  |
| 1.     | Total land   | -  | vate: ha;<br>ure: ha<br>] | Land use:             |  |
| 2.     | Land acquisition details as per MoEF&CC O.M. dated 7/10/2014             |  |                           |                       |  |
| 3.     |  | Project site: N<br>Study Area:<br>Habitation | Distance                  | e (if any)  Direction | Status of R&R.   |
| 4.     | Latitude and Longitude of <u>all</u> <u>corners</u> of the project site. | Point  | Latitude                  | Longitude             |  |
| 5.     | Elevation of the project site  | M above                                      | mean sea lev              | vel                   |  |
| 6.     | Involvement of Forest land if any.                                       | Status of stage<br>Area of the fo            |                           |                       |  |
| 7.     | Lakes, Pond, Nala,<br>Natural Drainage,                                  | Project site: Name Study area Water body     | Distanc                   | ce Direction          | Authenticated HFL data of the water body shall be furnished. |

| S. No. | Particulars  | Details   | Remarks |
|--------|--|---|---------|
|        | study 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: |         |

- 6. Implementation status of the existing EC [Only for expansion and clause 7(ii) cases]

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

| QI.        |                            |               |          |               | ies as po<br>mendme |               |                      |                 |                       | Pro           | oosed    |               | inal     |         |
|------------|----------------------------|---------------|----------|---------------|---------------------|---------------|----------------------|-----------------|-----------------------|---------------|----------|---------------|----------|---------|
|            | Plant                      | Tot<br>(A+    |          |               | emented<br>(A)      | imp           | Jn-<br>Ieme<br>d (B) | Me As per Units | (Existing + Proposed) |               |          |               |          |         |
| SI.<br>No. | Equip<br>ment/<br>Facility | Configuration | Capacity | Configuration | Capacity            | Configuration | Capacity             | Configuration   | Capacity              | Configuration | Capacity | Configuration | Capacity | Remarks |
|            |                            |               |          |               |                     |               |                      |                 |                       |               |          |               |          |         |

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.  | Raw Material | Quantity | y required per ar | num   | Source | Distance           | Mode of        |
|-----|--------------|----------|-------------------|-------|--------|--------------------|----------------|
| No. |              | Existing | Expansion         | Total |        | from site<br>(Kms) | Transportation |
|     |              |          |                   |       |        |                    |                |

| surface | water | is obtained | from    | Vide Ir No    | Dated |  |
|---------|-------|-------------|---------|---------------|-------|--|
| Surracc | water | is obtained | 11 0111 | VIGC EL. INO. | Dalcu |  |

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 as ......MW, out of which ......MW will be obtained from the ......

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

| Baseline Environn | <u>iental Studie</u>        | s ( <mark>In case</mark>                          | of clause /(II                         | ) projects f      | rom post pi | <mark>roject monitoring dat</mark> |  |
|-------------------|-----------------------------|---|--|-------------------|-------------|------------------------------------|--|
|                   |                             |   |  |                   |             | Additional                         |  |
| Period            |                             |   |  |                   |             | study (if any)                     |  |
| AAQ parameters    | $PM_{2.5} =$                | PM <sub>2.5</sub> = To μg/m <sup>3</sup>          |  |                   |             |                                    |  |
| at                | PM <sub>10</sub> =          |   |  |                   |             |                                    |  |
| Locations (min    | SO <sub>2</sub> =           | to  | µa/m³                                  |                   |             |                                    |  |
| and max)          | Nox =                       |   |  |                   |             |                                    |  |
| Sirie illesty     | CO =                        |   |  |                   |             |                                    |  |
| Incremental GLC   | PM <sub>40</sub> =          | ua/m <sup>3</sup> (L                              | evel atk                               | m in D            | irection)   |                                    |  |
| level             | SO <sub>0</sub> =           | υα/m <sup>3</sup> (I                              | _evel atl                              | km in             | ii ootioii) |                                    |  |
| ICVOI             | Direc                       |   | _C v C i at                            | XIII III          |             |                                    |  |
|                   |                             |   | _evel atl                              | km in             |             |                                    |  |
|                   | Direc                       |   | _CVCI at                               | XIII III          |             |                                    |  |
|                   |                             | , _   | evel atk                               | m in D            | iroction)   |                                    |  |
| Cround water      |                             |   |  |                   | niection)   |                                    |  |
| Ground water      |                             |   | ardness:to                             | _                 |             |                                    |  |
| quality at        |                             |   | mg/l, Fluorid                          | u <del>c</del> (( | <i>)</i>    |                                    |  |
| locations         | mg/l. Heav                  | y metals  | •••••••••••••••••••••••••••••••••••••• |                   |             |                                    |  |
| Surface water     |                             |   | to mg/                                 |                   |             |                                    |  |
| quality at        | mg/l. (                     | COD trom  | tom                                    | g/I               |             |                                    |  |
| locations         |                             |   |  | -I                | L _         |                                    |  |
| Noise levels Leq  |                             |   | e day time an                          | id1               | to          |                                    |  |
| (Day and Night)   | for the Nigh                |   |  |                   |             |                                    |  |
| Traffic           | <ul> <li>Traffic</li> </ul> | ,   |  | en condu          | ıcted at    |                                    |  |
| assessment study  |                             |   | which                                  |                   | is          |                                    |  |
| findings          |                             | oximately   | (distan                                | ice) from         | the plant   |                                    |  |
|                   | site.                       |   |  |                   |             |                                    |  |
|                   | <ul><li>Trans</li></ul>     | sportation  | of raw mate                            | rial, fuel 8      | & finished  |                                    |  |
|                   | produ                       | ct will be  | done9                                  | % by road.        |             |                                    |  |
|                   | <ul> <li>Existi</li> </ul>  | ng PCl  | J is                                   | PC                | U/hr on     |                                    |  |
|                   |                             | (NH/S   | SH/MDR) and                            | d existing        | level of    |                                    |  |
|                   | servio                      | ce (LOS) is                                       | s:                                     |                   |             |                                    |  |
|                   | Road                        | ٧   | С                                      | Existing          | LOS         |                                    |  |
|                   | (                           | Volume  | (Capacity                              | V/C               |             |                                    |  |
|                   |                             | in  | in                                     | Ratio             |             |                                    |  |
|                   | P                           | CU/hr.)   | PCU/hr.)                               |                   |             |                                    |  |
|                   |                             |   | ,                                      |                   |             |                                    |  |
|                   |                             | I   |  |                   | <u> </u>    |                                    |  |
|                   | • PCU                       | load  | after propo                            | sed pro           | iect will   |                                    |  |
|                   |                             |   | aitei piopo<br>3) +                    | •                 | •           |                                    |  |
|                   |                             | , -   | ,                                      | •                 | 1) FOO/111  |                                    |  |
|                   |                             |   | vice (LOS) wi                          |                   | 4 100       |                                    |  |
|                   |                             | Road V C Proposed LOS (Volume (Capacity V/C Ratio |  |                   |             |                                    |  |
|                   | (                           |   |  |                   |             |                                    |  |
|                   | _                           |   |  |                   |             |                                    |  |
|                   | F                           |   |  |                   |             |                                    |  |
|                   |                             |   |  |                   |             |                                    |  |
|                   |                             |   | er IRC                                 | Guid              | de line for |                                    |  |
|                   | capa                        | city for roa                                      | ids.                                   |                   |             |                                    |  |
|                   |                             |   |  |                   |             |                                    |  |
|                   | Conclusio                   | n: The le   | vel 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.<br>No. | Type of<br>Waste | Source | Quantity<br>generated<br>(TPA) | Mode of<br>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  |                 | f implementat<br>udget in INR) | ion             | Total<br>Expenditure |
|-------|----------------------|------------------|-----------------|--------------------------------|-----------------|----------------------|
|       | Name of the Activity | Physical Targets | 1 <sup>st</sup> | 2 <sup>nd</sup>                | 3 <sup>rd</sup> | (Rs. in<br>Crores)   |
|       |                      |                  |                 |                                |                 |                      |
|       |                      |                  |                 |                                |                 |                      |

| S.No.  | Description of Item              | Existing<br>Cro | (Rs. In<br>res/lakhs) | Proposed (Rs. In | Crores/lakhs)     |
|--------|----------------------------------|-----------------|-----------------------|------------------|-------------------|
|        |                                  | Capital<br>Cost | Recurring<br>Cost     | Capital Cost     | Recurring<br>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 of         |
|-----|--|
|     | ha 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. Am wide greenbelt,                   |
|     | consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as |

|                   | 250  |  |  | ; New Delhi guideline:<br>e. Total no. of   |               |  |  |   |
|-------------------|--|--|--|---|---------------|--|--|---|
| <del>16</del> .   |  | as been rep<br>use 7(ii) cas               |  | that following will be re                   | esource cons  | umption after  | the proposed   | d change: <mark>[In case of</mark>  |
|                   | Par  | ticulars                                   | Δ  | s per EC dated                              |               | oosed change<br>der para 7(ii)   | •  | % increase  |
| ء ا               | and  |  |  |   | di.           | der para 7(II)   |  |   |
|                   | reen   | helt                                       |  |   |               |  |  |   |
|                   | ater   | 3011                                       |  |   |               |  |  |   |
| _                 | ower   |  |  |   |               |  |  |   |
|                   |  | aterials                                   |  |   |               |  |  |   |
|                   | roduc  |  |  |   |               |  |  |   |
| <u> </u>          | -  | 1  |  |   |               |  |  |   |
| 17.               | Po   | llution load a                             | ssess  | ment <mark>[In case of claus</mark>         | e 7(ii) cases | <mark>only]</mark>   |  |   |
|                   | Par  | ticulars                                   | Α  | s per EC dated                              |               | oosed change<br>der para 7(ii)   |  | % increase  |
| Ai                | r  |  |  |   |               |  |  |   |
| W                 | ater   |  |  |   |               |  |  |   |
| So                | olid   | and  |  |   |               |  |  |   |
|                   |  | Hazardous                                  |  |   |               |  |  |   |
|                   |  | waste                                      |  |   |               |  |  |   |
| Tr                | affic  | load                                       |  |   |               |  |  |   |
| 19.<br>20.        | Ce The reg the rep giv                                     | rtificate / Ext rtified comp e Status of c | ension  complidated  particle letter  has is | consultant: M/s                             | up to         | Rev,<br>Inly for expansion of the content | on and claus Office, The CRegional CC (RO), observations | e 7(ii) cases] vide letter no. Action taken report officer MoEF&CC, evaluated made by RO in the |
| 3. 1              | 10.  | compliance                                 | es   | (abridged)                                  | EC date       | Specific   | General  | RO / Response by  |
|                   |  | details                                    |  | (4.0.1.0.90.0.)                             |               | opeoc  | 30110141   | PP  |
|                   |  |  |  |   |               |  |  |   |
| <u>ADS</u><br>21. | ADS Information in chronology [Only for ADS cases] 21. M/s |  |  |   |               |  |  |   |
| 22.               |  | •  |  | nitted the ADS reply wise reply of ADS is g |               |  | uploa  | ded on PARIVESH   |
|                   | S No   |  |  | S Point                                     |               |  | esponse of   | PP  |
|                   |  |  |  |   |               |  | •  |   |
| L                 |  | 1  |  |   | 1             |  |  |   |

| 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     | or 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 L             | _evel. |
|    |  |        |

2. The project of M/s......located in .......Village, ......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.

3. Environmental site settings

| S.No. | Particulars   |  | Details                                     |           | Remarks  |
|-------|---|--|---|-----------|--|
| i.    | Total land  | ha [Priv<br>Agriculture:   | •   | Land use: |  |
| ii.   | Land acquisition details as per MoEF&CC O.M. dated 7/10/2014  |  |   |           |  |
| iii.  | Existence of habitation &   | Project site: 1<br>Study Area:   |   |           | Status of R&R.   |
|       | involvement of R&R, if any.   | Habitation   | Distance                                    | Direction |  |
| iv.   | Latitude and Longitude of <u>all</u> corners of the project site.   | Point  | Latitude                                    | Longitude |  |
| V.    | Elevation of the project site   | m above  | mean sea lev                                | /el       |  |
| vi.   | Involvement of Forest land if any.  | Status of stage Area of the fo   |   |           |  |
| vii.  | Water body (Rivers,<br>Lakes, Pond, Nala,<br>Natural Drainage,<br>Canal etc.) exists  | Project site: Name Study area  |   |           | Authenticated HFL data of the water body shall be furnished. |
|       | within the project site as well as study  | Water body   | Distance                                    | Direction |  |
|       | area  |  |   |           |  |
| viii. | Existence of ESZ/<br>ESA/ national park/<br>wildlife sanctuary/<br>biosphere reserve/<br>tiger reserve/<br>elephant reserve | Study area Name of the I Status of Not Distance of p Authenticated distance of E | ification:<br>roject from E<br>d map of E\$ |           |  |

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

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

| SI.<br>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:

|            |                      |  | Existing facilities as per EC dated and subsequent amendment dated(if any) |                    |                       | Pror          | accad    |               | inal     |               |          |               |          |         |
|------------|----------------------|--|--|--------------------|-----------------------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|---------|
| 01         | Plant                | Total (A+B) d implemented As per CTO Units |  | CTO Proposed Units | (Existing + Proposed) |               |          |               |          |               |          |               |          |         |
| SI.<br>No. | Equipmen t/ Facility | Configuration                              | Capacity   | Configuration      | Capacity              | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Remarks |
|            |                      |  |  |                    |                       |               |          |               |          |               |          |               |          |         |

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 Quantity Material Existing |          | antity required per annum |       |  | Mode of            |                |
|--------|--------------------------------|----------|---------------------------|-------|--|--------------------|----------------|
|        |                                | Existing | Expansion                 | Total |  | from site<br>(Kms) | Transportation |
|        |                                |          |                           |       |  |                    |                |

| 8. | Existing Water requirement is m <sup>3</sup> /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 asm <sup>3</sup> /day, out of |
|    | whichm <sup>3</sup> /day of fresh water requirement will be obtained from the and the remaining       |
|    | requirement ofm <sup>3</sup> /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 RsCrores and the capital cost for environmental protection measures is proposed as RsCrores. The employment generation from the proposed project / expansion is |  |  |                |                 |             |  |
| 11. | Summary of violation under consideration sh  |  | case/show cause                                      | direction if   | any, related to | the project |  |
|     | Name of the EIA cor<br>Certificate / Extension   | Letter no; Valid u                                   | o toRev.   | ,              | ]               | with their  |  |
| 13. | Proposed Terms of Re   |  |  |                |                 |             |  |
| _   | Attributes   | Param  |  | Samp           | ling            | Remarks     |  |
|     | A. Air   |  |  | No. of tations | Frequency       |             |  |
|     | a. Meteorological parameters   |  |  |                |                 |             |  |
| -   | b. AAQ parameters  |  |  |                |                 |             |  |
| F   | B. Noise   |  |  |                |                 |             |  |
| F   | C. Water   |  |  |                |                 |             |  |
| -   |  | wotor  |  |                |                 |             |  |
|     | Surface water/Ground quality parameters  | water  |  |                |                 |             |  |
|     | D. Land  |  |  |                |                 |             |  |
|     | a. Soil quality  |  |  |                |                 |             |  |
|     | b. Land use  |  |  |                |                 |             |  |
| f   | E. Biological  |  |  |                |                 |             |  |
|     | a. Aquatic   |  |  |                |                 |             |  |
|     | b. Terrestrial   |  |  |                |                 |             |  |
| -   | F. Socio-economic  |  |  |                |                 |             |  |
|     | parameters   |  |  |                |                 |             |  |
| L   | ADS Information in cl  | hronology [Only for A[                               | OS cases!  |                |                 |             |  |
| 14. | M/s  | made an online app<br>posal was initially con<br>Pro | lication vide prop<br>sidered in<br>posal was deferi | meeti          | ng of Re-const  | tituted EAC |  |
| 15. | The proponent submit   |  |  |                | uploaded on     | PARIVESH    |  |
|     |  | ADS Point  |  | Reply/Resp     | onse of PP      |             |  |
|     | No No  | ADO FUIIL  | <b>_</b>   | zehià/ize2b    | 01136 01 FF     |             |  |
|     |  |  |  |                |                 |             |  |
|     |  |  |  |                |                 |             |  |

# 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

Slide no. 2:

#### **BRIEF INFORMATION**

| SL.<br>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  |         |

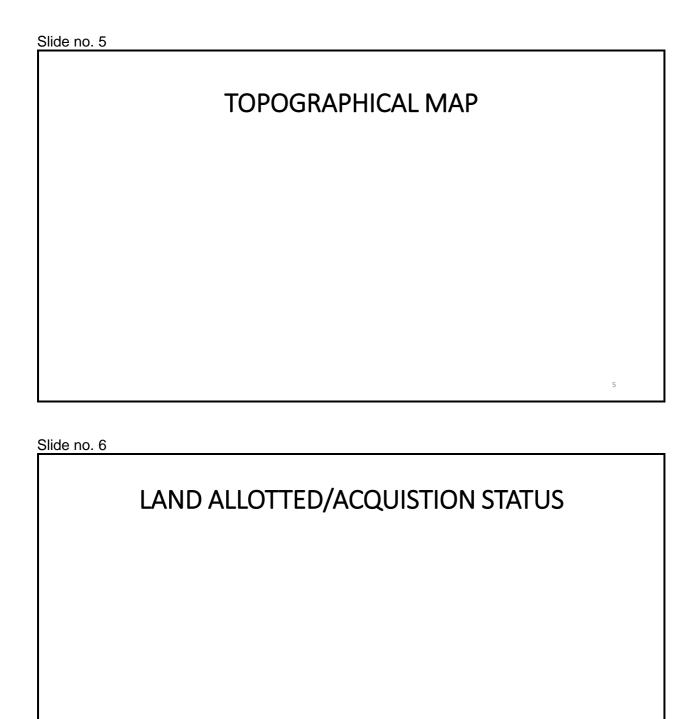
Agenda for 20<sup>th</sup> EAC Meeting (Industry 1 Sector) to be held on 29<sup>th</sup> December, 2022



# LOCATION MAP

#### Slide no. 4

# LINK FOR KML FILE & GOOGLE EARTH IMAGE



# **PREVIOUS EC DETAILS**

(In case of Expansion Projects)

• EC granted on

| Facilities<br>envisaged | Consent<br>status<br>(CTE/CFO) | Implementati<br>on status | Remarks | Production<br>details | Details of<br>Violation, if,<br>any |
|-------------------------|--------------------------------|---------------------------|---------|-----------------------|-------------------------------------|
|                         |                                |                           |         |                       |                                     |
|                         |                                |                           |         |                       |                                     |
|                         |                                |                           |         |                       |                                     |
|                         |                                |                           |         |                       |                                     |
|                         |                                |                           |         |                       |                                     |
|                         |                                |                           |         |                       |                                     |

Slide no. 8

# Compliance status of existing unit

• Certified report issued on

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

#### Slide no. 9

# **ENVIRONMENTAL SITE SETTINGS**

| SL.<br>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<br>CAPACITY (TPA) |
|----------------------|------------------------------------|-------------------------|
|                      |                                    |                         |
|                      |                                    |                         |
|                      |                                    |                         |
|                      |                                    |                         |

# **PLANT LAY OUT**

11

#### Slide no. 12

# **RAW MATERIAL CONSUMPTION**

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

#### Slide no. 13

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

| SL.<br>NO. | ТҮРЕ              | REQUIREMENT | PERMISSION<br>DETAILS | REMARK |
|------------|-------------------|-------------|-----------------------|--------|
| 1          | FUEL              |             |                       |        |
| 2          | POWER/ENERGY      |             |                       |        |
| 3          | WATER REQUIREMENT |             |                       |        |

13

#### Slide no. 14

### WATER BALANCE DIAGRAM

### BASE LINE STUDY AREA MAP WITH LOCATIONS

15

Slide no. 16

# METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

#### Slide no. 17

# **BASE LINE STUDY REPORTS**

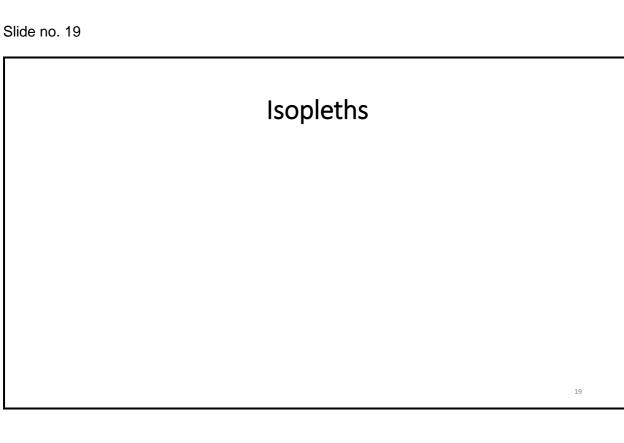
| PERIOD                           |   |  |  |  |  |
|----------------------------------|---|--|--|--|--|
| AAQ PARAMETERS AT LOCATIONS      | PM <sub>2.5</sub> =μg/m <sup>3</sup>                        |  |  |  |  |
|                                  | PM <sub>10</sub> =μg/m³                                     |  |  |  |  |
|                                  | SO <sub>2</sub> =µg/m <sup>3</sup>                          |  |  |  |  |
|                                  | $NO_2 =\mu g/m^3$   |  |  |  |  |
|                                  | CO =mg/m <sup>3</sup>                                       |  |  |  |  |
|                                  | Any other relevant parameter                                |  |  |  |  |
| AAQ MODELLING (Incremental GLCs) | PM =µg/m³ (Distance and Direction)                          |  |  |  |  |
|                                  | SO <sub>2</sub> =μg/m <sup>3</sup> (Distance and Direction) |  |  |  |  |
|                                  | NOx = μg/m³ (Distance and Direction)                        |  |  |  |  |
| GROUND WATER QUALITY AT          | pH:mg/l, Chlorides:mg/l,                                    |  |  |  |  |
| LOCATIONS                        | Fluoride:mg/l. Heavy metals                                 |  |  |  |  |
|                                  | Any other relevant parameter                                |  |  |  |  |
| CUREAGE MATER CHALLEN            |   |  |  |  |  |
| SURFACE WATER QUALITY            | pH:mg/l, BOD:mg/l & COD:                                    |  |  |  |  |
| ATLOCATIONS                      | mg/l. Any other relevant parameter                          |  |  |  |  |
| NOISE LEVELS ATLOCATIONS         | todBA for day time and to                                   |  |  |  |  |
|                                  | dBA for night time.   |  |  |  |  |

17

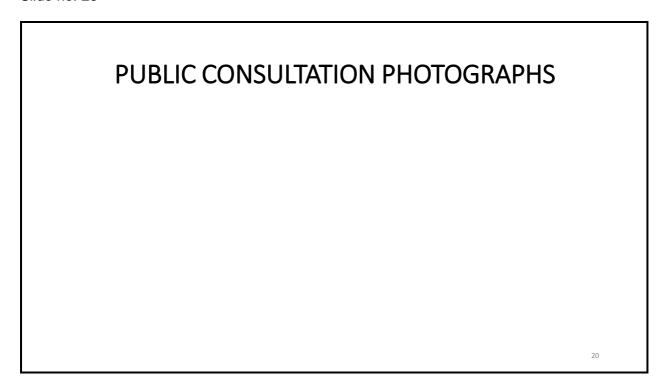
#### Slide no. 18

# 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)                  |         |         |



Slide no. 20



# **PUBLIC CONSULTATION**

| • Notice made through advertisement in the Newspapers andon |
|---|
| • Conducted on(Date) at(Time) at(Venue), Village,           |
| 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 |
|--------|--------------|---------------------------------|--|
|        |              |                                 |  |
|        |              |                                 |  |
|        |              |                                 |  |
|        |              |                                 |  |



# EMP – AIR (Construction/Operation)

23

#### Slide no. 24

# EMP - NOISE(Construction/Operation)



# EMP – WATER (Construction/Operation)

23

#### Slide no. 26

# EMP – GREEN BELT (Construction/Operation)

# EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

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

27

Slide no. 28

# POST PROJECT MONITORING

| SL. ENVIRONMENT NO /SOCIAL CONTROL MEASURE | _       |                          |         |                          | REMARKS |                          |       |  |
|--|---------|--------------------------|---------|--------------------------|---------|--------------------------|-------|--|
|  | •       | EX                       | KISTING | PR                       | ROPOSED |                          | TOTAL |  |
|  | CAPITAL | RECURRING<br>(PER ANNUM) | CAPITAL | RECURRING<br>(PER ANNUM) | CAPITAL | RECURRING<br>(PER ANNUM) |       |  |
|  |         |                          |         |                          |         |                          |       |  |
|  |         |                          |         |                          |         |                          |       |  |
|  |         |                          |         |                          |         |                          |       |  |
|  |         |                          |         |                          |         |                          |       |  |
|  |         |                          |         |                          |         |                          |       |  |

# RISK ASSESSMENT FINDINGS AND ITS MITIGATION

29

Slide no. 30

# **ENERGY CONSERVATION MEASURES**

# DIRECTION/COURT CASE/LITIGATION

31

Slide no. 32

### ANY OTHER RELEVANT INFORMATION

# 

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

#### NAME OF THE PROJECT

EAC MEETING DETAILS & AGENDA NO.

PROPOSAL NO AND SUBMISSION DATE

- NAME OF THE PROJECT PROPONENT WITH ADDRESS
- NAME OF THE CONSULTANT
- NABET REGISTRATION NO.
- VALIDITY

#### Slide No. 2

#### **BRIEF INFORMATION**

| SL.<br>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   |         |

Pa

#### Slide No. 3

# **LOCATION MAP**

3

#### Slide No. 4

# LINK FOR KML FILE

### **ALTERNATE SITE ANALYSIS**

(In case of green-field project)

| PARAMETERS | SITE 1 | SITE 2 | SITE 3 | SELECTED SITE<br>WITH<br>JUSTIFICATION |
|------------|--------|--------|--------|--|
|            |        |        |        |  |
|            |        |        |        |  |
|            |        |        |        |  |
|            |        |        |        |  |

Slide No. 6

# PREVIOUS EC DETAILS

(In case of Expansion/De-novo Projects)

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

Note: Delete, whichever not applicable

#### Slide No. 7

# ENVIRONMENTAL SETTINGS – Study area

| SL.<br>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. 8

# PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

# **PLANT LAYOUT**

9

Slide No. 10

# **RAW MATERIAL CONSUMPTION**

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

#### Slide No. 11

# **FUEL, POWER & WATER CONSUMPTION**

| SI.<br>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       |                 |           |         |
|                                    |                 |           |         |

# STUDY AREA MAP WITH LOCATIONS

13

Slide No. 14

# DIRECTIONS/COURT CASE/LITIGATION

# ANY OTHER RELEVANT INFORMATION

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

| S.  | Name & Address  | Position      |
|-----|---|---------------|
| No. |   |               |
| 1.  | Shri Rajive Kumar, IFS Retired  | Chairman      |
|     | B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-   |               |
|     | 226010  |               |
|     | chairman.eac.ind.1@gmail.com  |               |
| 2.  | Dr. Dipankar Shome  | Vice Chairman |
|     | House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-   |               |
|     | 440007  |               |
| 3.  | dshome61@gmail.com  | Marahar       |
| 3.  | Dr. S Ranganathan   | Member        |
|     | AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahälli, Near Sakra World Hospital, Bengaluru       |               |
|     | 560103  |               |
|     | ranganathan.metals@gmail.com  |               |
| 4.  | Dr. Ranjit Prasad   | Member        |
|     | Associate Professor Department of Mineral Processing  |               |
|     | Technology, Environmental Quality, EIA Process NIT  |               |
|     | Jamshedpur  |               |
|     | Q. No. CF 52, NIT Jameshedpur Campus, PO-NIT, Adityapur,  |               |
|     | PIN-831014  |               |
|     | ranjitnitj@gmail.com  |               |
| 5.  | Dr. E V R Raju  | Member        |
|     | Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049,   |               |
|     | telangana. rajuevr60@gmail.com  |               |
| 6.  | Dr. S. K. Singh   | Member        |
|     | 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,   |               |
| 7.  | Dr. Jai Krishna Pandey  | Member        |
|     | 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: drjkpandey.eac.industry1@gmail.com   |               |
| 8.  | Dr. Tejaswini Ananthkumar   | Member        |
|     | 84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004   |               |
|     | tejaswini.acf@gmail.com   |               |
| 9.  | Dr. Hemant Sahasrabuddhe  | Member        |
|     | LB-53, Housing Board Colony, Laxminagar, Nagpur-440022,   |               |
|     | Maharashtra, India  |               |
|     | sshemant 801@rediffmail.com   |               |

| S.<br>No. | Name & Address   | Position  |
|-----------|--|-----------|
| 10.       | Dr B Mohapatra,  | Member    |
| 10.       | Director General,  | Wichiber  |
|           | (Representative of 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   |           |
| 11.       | Shri Nazimuddin,   | Member    |
|           | Scientist 'F' & Divisional Head-IPC-II Division                          |           |
|           | (Representative of Central Pollution Control Board)                      |           |
|           | Parivesh Bhawan, East Arjun Nagar, Delhi-110032 Email: nazim.cpcb@nic.in |           |
| 12.       | Dr. Sanjay Bist,   | Member    |
| 12.       | Scientist 'E'  | Member    |
|           | (Representative of Indian Meteorological Department),                    |           |
|           | Mausam Bhawan, Lodhi Road, New Delhi – 110003                            |           |
|           | Email: sanjay.bist@imd.gov.in  |           |
| 13.       | Dr. S. Raghavan,   | Member    |
|           | Scientist "D",   |           |
|           | (Representative of National Institute of Occupational Health)            |           |
|           | Regional Occupational Health Centre, ROHC(S), Bangalore                  |           |
|           | Email: raghuharihar@gov.in, raghuharihar@yahoo.co.in                     |           |
| 14.       | Dr. R. B. Lal  | Member    |
|           | Scientist 'E'/Additional Director  | Secretary |
|           | Ministry of Environment, Forest and Climate Change                       |           |
|           | Indira Paryavaran Bhawan,  |           |
|           | Room No. V-304, Vayu Wing,   |           |
|           | Jor Bag Road, New Delhi-110003<br>Telefax: 011-20819346                  |           |
|           | E-mail: rb.lal@nic.in  |           |
|           | L-mail. <u>ib.iai@mb.iii</u>   |           |

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#### **Annexure-VI**

#### **Quick User Manual to use Desktop Videoconference**

NIC, MoEFCC will moderate the 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 **NIC**, **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.

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