



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



**Agenda of Expert Appraisal Committee**

**Meeting ID** : IA/IND/13420/17/01/2023  
**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** : 05-01-2023

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	17 Jan 2023	10:30 AM	18:30 PM

**Date of Meeting : 17-01-2023**

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/WB/IND1/408353/2022	J-11011/52/2017-IA-II(IND-I)	Proposed expansion of existing steel plant at Village: Nambagram, P.O. - Digha, P.S. - Neturia, Dist. - Purulia, West Bengal	ISPAT DAMODAR PRIVATE LIMITED	Tehsil: District: State: West Bengal	EC
2	IA/OR/IND1/406482/2022	J-11011/365/2006-IA.II(IND-I)	Expansion of Pellet Plant from 5.0 MTPA to 26.0 MTPA and Hot Rolling mill from 3.1 MTPA to 21.1 MTPA along with setting up 19.2 MTPA Integrated Steel Plant (DRI - 5.4 MTPA, Sinter Plant- 11.5 MTPA, Coke Oven-5.17 MTPA, Blast Furnace- 14.0 MTPA, EAF- 6.0 MTPA, BoF- 13.2 MTPA, Wire Rod Mill-1.2 MTPA, CRM- 7.5 MTPA, Calcination plant-7200 TPD, Oxygen plant-11000 TPD, CPP (Gas based)- 550 MW, Ferro Alloy plant- 0.376 MTPA) and 12.5 MTPA Cement plant at Angul by Jindal Steel Odisha Limited (JSOL)	JINDAL STEEL ODISHA LIMITED	Tehsil: District: State: Orissa	EC
3	IA/WB/IND1/408696/2022	IA-J-11011/228/2021-IA-II(IND-I)	Integrated Steel Plant	SHYAM STEEL WORKS (P) LIMITED	Tehsil: District: State: West Bengal	EC

4	IA/GJ/IND1/405311/2022	IA-J-11011/508/2021-IA-II(IND-I)	SETTING UP OF INTEGRATED STAINLESS-STEEL PLANT COMPRISING OF STEEL MELTING SHOP OF 2,08,400 TPA AND ROLLING MILL OF 2,00,000 TPA BY M/S. AMBICA STEELS INDIA LIMITED LOCATED AT MOKHANA VILLAGE, BHUJ TEHSIL, KACHCHH DISTRICT, GUJARAT	AMBICA STEELS INDIA LIMITED	Tehsil: Bhuj District: kutch State: Gujarat	EC
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**Any Other Item :**

S.No	Proposal No.	File No.	Proposal For	Proposal Name	Location	Remarks
1	IA/WB/IND/3184/2011	J-11011/188/2011-IA.II(I)		Amalgamation & Modification cum Expansion by M/s Eloquent Steel Pvt. Ltd. for 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 100,800 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakrajoria, P.O.: Salanpur, District: Paschim Burdwan, West Bengal-Re-Consideration of Environmental Clearance	Village: Nakrajoria District: Paschim Burdwan, State: West Bengal	

**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, (Representative of National Council for 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', (Representative of National Institute of Occupational Health)	Member	raghuharihar@gov.in
12	Dr. Sanjay Bist, Scientist 'E', (Representative of Indian Meteorological Department)	Member	sanjay.bist@imd.gov.in
13	Dr. R. B. Lal, Director/Scientist 'F' and Member Secretary	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: 05.01.2023

**AGENDA FOR 21<sup>ST</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON JANUARY 16-17, 2023**

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

- 1.** It is informed that the 21<sup>st</sup> Meeting of EAC is scheduled to be held during January 16-17, 2023 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 09.01.2023.
- 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. 21.1 (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 09.01.2023. 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 09.01.2023 positively. Failing which the Committee will not consider the project.
- 6.** Any changes/modification with respect to the agenda would be indicated in the Ministry's website. You are also requested to keep track of the status of your project from the Ministry/s Website i.e., [www.parivesh.nic.in](http://www.parivesh.nic.in).
- 7.** **In addition to the above, kindly send a brief write up (Format enclosed as Annexure – 1) of project (maximum 3-4 pages in MS-word format) along with the power point presentation containing salient features of the project with compliance to the stipulated ToR's preferably not exceeding 35-40 slides to the following email address as well as to the EAC members by 09.01.2023. A copy of the template for EC and ToR presentation is enclosed herewith.** Further, the nodal officer and consultant contact details (Name, Designation, Mobile and E-mail) for the VC shall also be sent in the format given below:

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

8. During presentations all the important features/critical parameters such as **National Parks, Wildlife Sanctuary, Mangroves, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA), SPA, OPA**, etc. should be clearly indicated in an area of 10 km radius of the proposed site. The KML/Shape files should be emailed on the below mentioned email addresses immediately or before **09.01.2023**.
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 project site and surrounding have to be presented using drone survey 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)  
Director/Scientist F &  
Member Secretary, EAC (Industry-1 Sector)  
Email- [rb.lal@nic.in](mailto:rb.lal@nic.in) Tel: 011-20819346

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

**AGENDA FOR 21<sup>st</sup> EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR)  
MEETING TO BE HELD DURING JANUARY 16-17, 2023**

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

**DAY 1: JANUARY 16<sup>th</sup>, 2023 (MONDAY)**

Agenda for day 1 meeting has already been uploaded on parivesh portal on 04.01.2023

**DAY 2: JANUARY 17<sup>th</sup>, 2023 (TUESDAY)**

**Time: 10:30 Hrs -18:00 Hrs**

**Consideration of Environmental Clearance Proposals**

- 21.6** Proposed expansion of existing plant by installation of Ferro Alloy plant (2x7.5 MVA), Sponge Iron Plant (1x350TPD DRI Kilns), Iron Ore Beneficiation and Pelletisation plant (600000 TPA), CPP (40 MW(8 MWHRB+2x16MWAFBC)), Steel Melting Shop & CCM for Billet & Slab (IF- 2x15 T, EAF - 1x20 T, LRF & Tilting Furnace- 1x20T, VOD/VID/AOD - 1x20 T, CCM - 1x6/11 m), Rolling Mill -200000 TPA, Cement Grinding Plant - 300000TPA in addition to the existing Ferro Alloy plant (4x7.5MVA), Sponge Iron Plant (2x100 TPD DRI Kilns), CPP(8MW(4MW WHRB + 4 MW AFBC), IF - 2x4 T + 1x8 Tand CCM-1x6/11 m) by **M/s Ispat Damodar Private Limited**, located at Village: Nambagram, P.O. - Digha, P.S. - Neturia, Dist. - Purulia, **West Bengal**– **Consideration of Environmental Clearance**

**[Proposal No. IA/WB/IND1/408353/2022; File No. File No J-11011/52/2017-IA.II(I)]**  
**[Consultant: Envirotech East Pvt. Limited; Valid upto; 25.03.2023]**

- 21.7** Expansion of Pellet Plant from 5.0 MTPA to 26.0 MTPA and Hot Rolling mill from 3.1 MTPA to 21.1 MTPA along with setting up 19.2 MTPA Integrated Steel Plant (DRI - 5.4 MTPA, Sinter Plant- 11.5 MTPA, Coke Oven-5.17 MTPA, Blast Furnace- 14.0 MTPA, EAF- 6.0 MTPA, BoF- 13.2 MTPA, Wire Rod Mill-1.2 MTPA, CRM- 7.5 MTPA, Calcination plant-7200 TPD, Oxygen plant- 11000 TPD, CPP (Gas based)- 550 MW, Ferro Alloy plant- 0.376 MTPA) and 12.5 MTPA Cement plant by **M/s Jindal Steel Odisha Limited (JSOL)**, located at Villages Basudevpur, Panpur, Kaliakata Jungle, Badakerjang, Badakerjang Jungle, Jamunda, Jamunda Jungle, Paripara and Jarada, Tehsil: Chhendipada & Banarpal, District Angul, **Odisha** – **Consideration of Environmental Clearance**

**[Proposal No. IA/OR/IND1/406482/2022; File No. J-11011/365/2006-IA.II(I)]**  
**[Consultant: J.M. EnviroNet Pvt. Ltd. valid upto 07.08.2023]**

- 21.8** Greenfield project comprising of Iron Ore Beneficiation Plant 2x1.5 MTPA) - 3.0 MTPA, Pellet Plant (2 x 1.2 MTPA) – 2.4 MTPA, Producer Gas Plant (14 x 5000 NM3/Hr.)- 588 MNM3 per annum, DRI Kilns (8x600 TPD) – 1.68 MTPA, WHRB Power through DRI kilns – (8 x 15 MW)-120 MW ,Through BF - 18 MW , Through Coke Oven- 15 MW and CFBC based Power Plant of (2 x 15 MW)- 30 MW, SMS – IF (18 x 20 T) with LRF (6 X 20 T)- 1.26 MTPA, BOF (1 x 50 T) with LRF (1 x 50 T) and VD unit (1 x 50 T)- 0.525 MTPA and EAF (1 X 50 T)with LRF (1 x 50 T) - 0.175 MTPA, Rolling Mill through hot charging (3 x 1000 TPD) - 1.05 MTPA, Sinter Plant (1x 100 m2) – 1.092 MTPA ,Blast Furnace (1x750 m3) – 0.7875 MTPA, Coke Oven Plant (Non recovery) – 0.5 MTPA, Ferro Alloys (4 x 9 MVA)- 0.084 MTPA, Oxygen Plant (1x250 TPD) -0.087 MTPA, Lime & Dolomite Plant (1x 450 TPD) – 0.1575 MTPA, Brick Manufacturing Unit -350 Million Bricks/Year & Slag Recycling Plant (1 x 150 TPD) – 0.0525 MTPA by **M/s Shyam Steel Works (P) LTD.**, located at Jangal Sundari Karmanagri- Parcel II, Lachhmanpur, Jarukhamar, Siulibari, Digardhi, Shikratyar, Senera & Talshankra Village/ Mouza, Raghunathpur-1 Tehsil/Block, Purulia District, **West Bengal– Consideration of Environmental Clearance**

**[Proposal No. IA/WB/IND1/408696/2022; File No. IA-J-11011/228/2021-IA-II(IND-I)]**  
**[Consultant: M/s Pioneer Enviro Laboratories & Consultants Pvt. Ltd.; Valid upto 11.03.2023]**

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

- 21.9** Amalgamation & Modification cum Expansion by **M/s Eloquent Steel Pvt. Ltd.** for 336,000 TPA Billet Production along with Rolling Mill for production of 210,000 TPA Rolled Product, Installation of 150,000 TPA Briquette Plant, 100,800 TPA Sinter Plant and addition of Pig Iron as product from the Existing Submerged Arc Furnace, located at Village: Nakraoria, P.O.: Salanpur, District: Paschim Burdwan, **West Bengal-Re-Consideration of Environmental Clearance**

**[Proposal No. IA/WB/IND/3184/2011; File No. J-11011/188/2011-IA.II(I)]**  
**[Consultant: Vardan Environet; Valid upto 05.05.2023]**

**21.10** Setting up of integrated stainless-steel plant comprising of steel melting shop of 2,08,400 TPA and rolling mill of 2,00,000 TAP by **M/s. Ambica Steels India Limited**, located at Mokhana Village, Bhuj Tehsil, Kachchh District, **Gujarat– Consideration of Environmental Clearance**

**[Proposal No. IA/GJ/IND1/405311/2022; File No. IA-J-11011/508/2021-IA-II(IND-I)]**  
**[Consultant: M/s Greencindia Consulting Private Limited; Valid upto 22.02.2023]**

**21.11 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 made an online application vide proposal no. .... Dated ..... along with copy of EIA/EMP report, Form 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 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.

4. Environmental site settings

Environmental site settings

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

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

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 by .....State Pollution Control Board vide Ir. No. .... dated.....The validity of CTO is up to ..... [Only for expansion and clause 7(ii) cases]
6. Implementation status of the existing EC [Only for expansion and clause 7(ii) cases]

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

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

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

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

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

9. Existing Water requirement is ..... 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 and clause 7(ii) cases]. The water requirement for the proposed project is estimated as .....m<sup>3</sup> /day, out of which.....m<sup>3</sup>/day of fresh water requirement will be obtained from the..... and the remaining requirement of....m<sup>3</sup> /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 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)*

Period	.....				Additional study (if any)																				
AAQ parameters at ..... Locations (min and max)	PM <sub>2.5</sub> = ..... To ..... µg/m <sup>3</sup> PM <sub>10</sub> = ..... To ..... Mg/m <sup>3</sup> SO <sub>2</sub> = ..... to ..... µg/m <sup>3</sup> Nox = ..... To ..... µg/m <sup>3</sup> CO = ..... To ..... µg/m <sup>3</sup>																								
Incremental GLC level	PM <sub>10</sub> = ..... µg/m <sup>3</sup> (Level at .....km in..... Direction) SO <sub>2</sub> = ..... µg/m <sup>3</sup> (Level at .....km in..... Direction) Nox = ..... µg/m <sup>3</sup> (Level at .....km in..... Direction) CO = ..... µg/m <sup>3</sup> (Level at .....km 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"> <li>Traffic study has been conducted at NH/SH/MDR.....which is approximately.....(distance) from the plant site.</li> <li>Transportation of raw material, fuel &amp; finished product will be done .....% by road.</li> <li>Existing PCU is ..... PCU/hr on .....(NH/SH/MDR) and existing level of service (LOS) is:</li> </ul> <table border="1"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/hr.)</th> <th>C (Capacity in PCU/hr.)</th> <th>Existing V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>PCU load after proposed project will be.....(Existing) + .....(Additional) PCU/hr and level of service (LOS) will be:</li> </ul> <table border="1"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/hr.)</th> <th>C (Capacity in PCU/hr.)</th> <th>Proposed V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Note: Capacity as per IRC-..... Guide line for capacity for roads.</p> <p><b>Conclusion:</b> 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.)	Proposed V/C Ratio	LOS						
Road	V (Volume in PCU/hr.)	C (Capacity in PCU/hr.)	Existing V/C Ratio	LOS																					
Road	V (Volume in PCU/hr.)	C (Capacity in PCU/hr.)	Proposed V/C Ratio	LOS																					

Flora and fauna	Presence of schedule I fauna and endangered Flora if any. If yes, status of site specific wildlife conservation plan.	
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12. The details of solid and hazardous waste generation along with its mode of treatment/disposal is furnished as below:

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

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

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

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

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

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

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

15. Existing green belt has been developed in ..... ha area which is about ...% of the total project area 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. A ---m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of

2500 trees per hectare. Total no. of ..... saplings will be planted and nurtured in ..... hectares in ..... years.

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

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

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

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

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

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

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

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

S No	ADS Point	Reply/Response of PP

**Format for Brief Write-Up (ToR)**

1. M/s. .... has made an application online vide proposal no. .... dated ..... along with the application in prescribed format (Form-I), copy of pre-feasibility report and proposed ToRs for undertaking detailed EIA study as per the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at S. No. .... under Category “....” of the schedule (all schedules pertaining to the project) of the EIA Notification, 2006 and attracts general condition due to..... (if applicable) being appraised at Central Level.
2. The project of M/s.....located 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 [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.	<b>Project site:</b> Name of village (if any) <b>Study Area:</b> <table border="1"> <thead> <tr> <th>Habitation</th><th>Distance</th><th>Direction</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Habitation	Distance	Direction										Status of R&R.			
Habitation	Distance	Direction																
iv.	Latitude and Longitude of all corners of the project site.	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Point	Latitude	Longitude													
Point	Latitude	Longitude																
v.	Elevation of the project site	..... m above mean sea level																
vi.	Involvement of Forest land if any.	Status of stage I Forest Clearance: <b>Area of the forest land involve:</b>																
vii.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	<b>Project site:</b> Name  <b>Study area</b> <table border="1"> <thead> <tr> <th>Water body</th><th>Distance</th><th>Direction</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Water body	Distance	Direction										Authenticated HFL data of the water body shall be furnished.			
Water body	Distance	Direction																
viii.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve	<b>Study area</b> <b>Name of the ESZ/ESA:</b> <b>Status of Notification:</b> <b>Distance of project from ESZ/ESA:</b> <b>Authenticated map of ESZ projecting distance of ESZ from project site:</b>																

S.No.	Particulars	Details	Remarks
	etc. if any within the study area	Status of NBWL approval: <b>List of Reserved and protected forests:</b>	

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

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

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

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

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

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

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

8. Existing Water requirement is ..... 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 as .....m<sup>3</sup> /day, out of which.....m<sup>3</sup>/day of fresh water requirement will be obtained from the..... and the remaining requirement of....m<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 as .....MW, out of which .....MW will be obtained from the .....
10. The capital cost of the project is Rs.....Crores and the capital cost for environmental protection measures is proposed as Rs.....Crores. The employment generation from the proposed project / expansion is.....
11. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.
12. Name of the EIA consultant: M/s .....[S.No. ...., List of ACOs with their Certificate / Extension Letter no.....; Valid up to..... Rev. ...., .....]
13. Proposed Terms of Reference (**Baseline data collection period: -----**)

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

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

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

S No	ADS Point	Reply/Response of PP



Slide no. 1

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

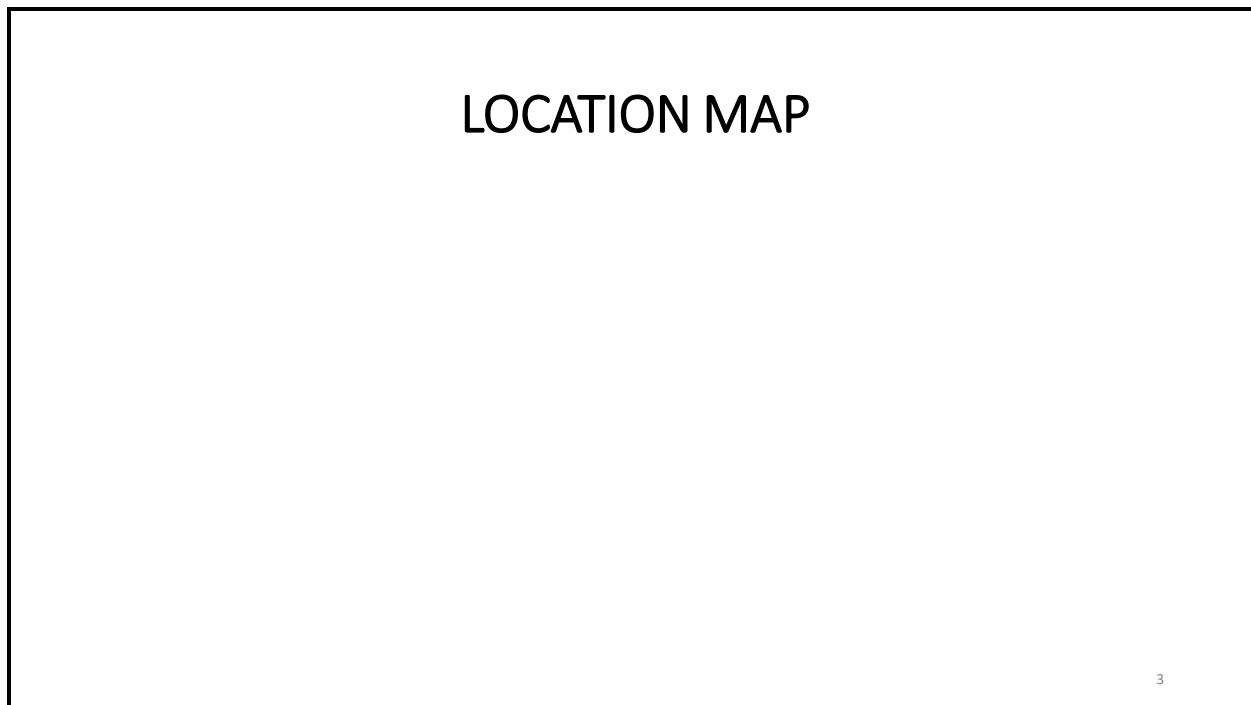
1

Slide no. 2:

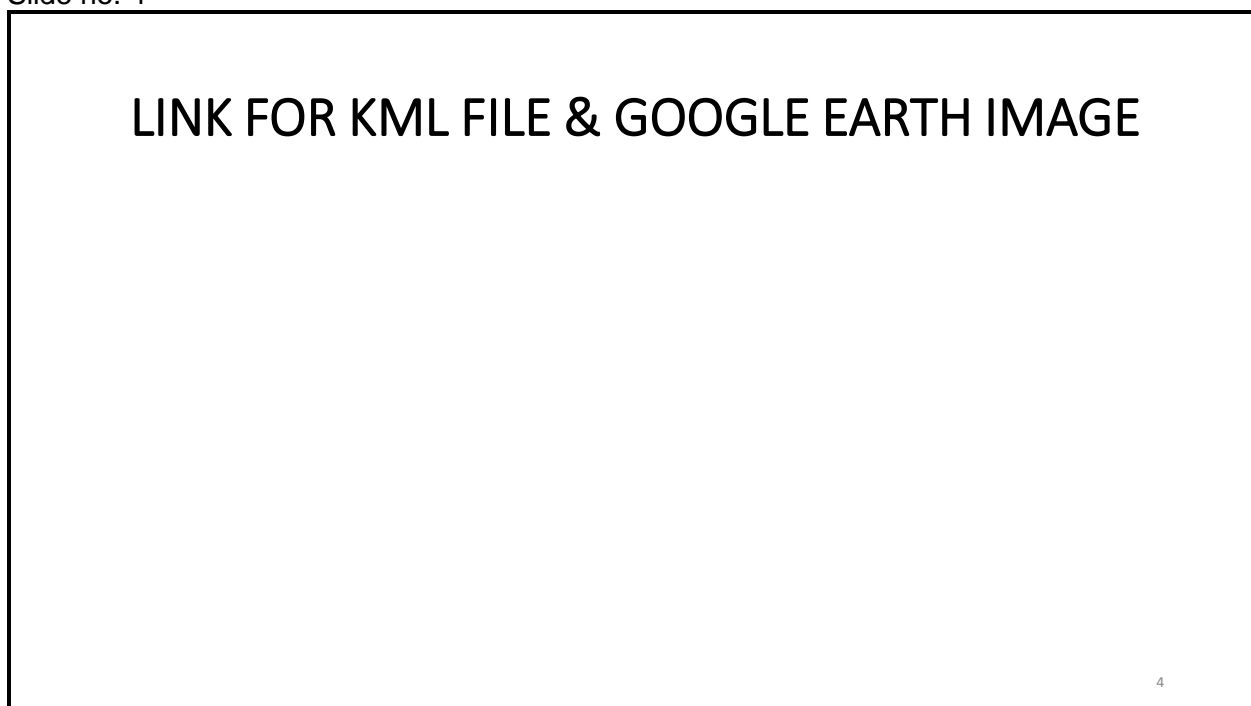
BRIEF INFORMATION		
SL. NO.	PARTICULARS	DETAILS
1.	DATE OF GRANT OF ToR	
2.	BASELINE STUDY PERIOD	
3.	DATE OF PUBLIC HEARING	
4.	PROJECT COST	
5.	EMP COST (CAPITAL AND RECURRING)	
6.	MANPOWER DETAILS	
7.	DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980 B) WLPA,1972 C) CRZ, 2011	
8.	CPA/SPA/ESA/ESZ,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

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Slide no. 3



Slide no. 4



Slide no. 5

## TOPOGRAPHICAL MAP

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Slide no. 6

## LAND ALLOTTED/ACQUISTION STATUS

6

Slide no. 7

## PREVIOUS EC DETAILS

(In case of Expansion Projects)

- EC granted on

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

7

Slide no. 8

## Compliance status of existing unit

- Certified report issued on

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

8

Slide no. 9

## ENVIRONMENTAL SITE SETTINGS

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

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Slide no. 10

## EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

10

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## PLANT LAY OUT

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Slide no. 12

## RAW MATERIAL CONSUMPTION

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

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Slide no. 13

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

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

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Slide no. 14

## WATER BALANCE DIAGRAM

14

Slide no. 15

## BASE LINE STUDY AREA MAP WITH LOCATIONS

15

Slide no. 16

## METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

16



Slide no. 17

## BASE LINE STUDY REPORTS

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

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Slide no. 18

## TRANSPORTATION PLAN - VEHICULAR TRAFFIC LOAD STUDY AS PER IRC GUIDELINE

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

18

Slide no. 19

# Isopleths

19

Slide no. 20

## PUBLIC CONSULTATION PHOTOGRAPHS

20

Slide no. 21

## PUBLIC CONSULTATION

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

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Slide no. 22

## ACTION PLAN TO ADDRESS PH ISSUES

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

22

Slide no. 23

## EMP – AIR (Construction/Operation)

23

Slide no. 24

## EMP – NOISE(Construction/Operation)

23

Slide no. 25

## EMP – WATER (Construction/Operation)

23

Slide no. 26

## EMP – GREEN BELT (Construction/Operation)

23

Slide no. 27

## EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

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

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Slide no. 28

## POST PROJECT MONITORING

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

28

Slide no. 29

## RISK ASSESSMENT FINDINGS AND ITS MITIGATION

29

Slide no. 30

## ENERGY CONSERVATION MEASURES

30

Slide no. 31

## DIRECTION/COURT CASE/LITIGATION

31



Slide no. 32

ANY OTHER RELEVANT INFORMATION

32

**Slide no. 33: TOR wise compliance presentation**

**Point Wise Standard TOR Compliance**

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

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

And so on.....

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**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

<b>NAME OF THE PROJECT</b>	
<b>EAC MEETING DETAILS &amp; AGENDA NO.</b>	<b>PROPOSAL NO AND SUBMISSION DATE</b>
<ul style="list-style-type: none"><li>• NAME OF THE PROJECT PROPONENT WITH ADDRESS</li></ul>	<ul style="list-style-type: none"><li>• NAME OF THE CONSULTANT</li><li>• NABET REGISTRATION NO.</li><li>• VALIDITY</li></ul>

1

Slide No. 2

## BRIEF INFORMATION

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

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Slide No. 3

## LOCATION MAP

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Slide No. 4

## LINK FOR KML FILE

4

Slide No. 5

## ALTERNATE SITE ANALYSIS

(In case of green-field project)

PARAMETERS	SITE 1	SITE 2	SITE 3	SELECTED SITE WITH JUSTIFICATION

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Slide No. 6

## PREVIOUS EC DETAILS

(In case of Expansion/De-novo Projects)

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

*Note: Delete, whichever not applicable*

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Slide No. 7

## ENVIRONMENTAL SETTINGS – Study area

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

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Slide No. 8

## PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

NAME OF THE FACILITY	CONFIGURATION	CAPACITY (TPA)

8

Slide No. 9

## PLANT LAYOUT

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Slide No. 10

## RAW MATERIAL CONSUMPTION

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

10

Slide No. 11

## FUEL, POWER & WATER CONSUMPTION

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

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Slide No. 12



## 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			

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Slide No. 13

## STUDY AREA MAP WITH LOCATIONS

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Slide No. 14

**DIRECTIONS/COURT CASE/LITIGATION**

14

Slide No. 15

**ANY OTHER RELEVANT INFORMATION**

15

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

<b>S. No.</b>	<b>Name &amp; Address</b>	<b>Position</b>
1.	<b>Shri Rajive Kumar, IFS Retired</b> B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-226010 <a href="mailto:chairman.eac.ind.1@gmail.com">chairman.eac.ind.1@gmail.com</a>	Chairman
2.	<b>Dr. Dipankar Shome</b> House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-440007 <a href="mailto:dshome61@gmail.com">dshome61@gmail.com</a>	Vice Chairman
3.	<b>Dr. S Ranganathan</b> AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahalli, Near Sakra World Hospital, Bengaluru 560103 <a href="mailto:ranganathan.metals@gmail.com">ranganathan.metals@gmail.com</a>	Member
4.	<b>Dr. Ranjit Prasad</b> Associate Professor Department of Mineral Processing Technology, Environmental Quality, EIA Process NIT Jamshedpur Q. No. CF 52, NIT Jamshedpur Campus, PO-NIT, Adityapur, PIN-831014 <a href="mailto:ranjitnitj@gmail.com">ranjitnitj@gmail.com</a>	Member
5.	<b>Dr. E V R Raju</b> Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049, <a href="mailto:telangana.rajuevr60@gmail.com">telangana.rajuevr60@gmail.com</a>	Member
6.	<b>Dr. S. K. Singh</b> Professor - Civil & Environmental Engg., DTU, Type V/29, Professor & Dean Delhi Technological University Campus (Formerly Delhi College of Engineering) Bawana Road Delhi-110042 <a href="mailto:sksinghdce@gmail.com">sksinghdce@gmail.com</a> ,	Member
7.	<b>Dr. Jai Krishna Pandey</b> 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: <a href="mailto:drjkpandey.eac.industry1@gmail.com">drjkpandey.eac.industry1@gmail.com</a>	Member
8.	<b>Dr. Tejaswini Ananthkumar</b> 84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004 <a href="mailto:tejaswini.acf@gmail.com">tejaswini.acf@gmail.com</a>	Member
9.	<b>Dr. Hemant Sahasrabuddhe</b> LB-53, Housing Board Colony, Laxminagar, Nagpur-440022, Maharashtra, India <a href="mailto:sshemant_801@rediffmail.com">sshemant_801@rediffmail.com</a>	Member

<b>S. No.</b>	<b>Name &amp; Address</b>	<b>Position</b>
10.	<b>Dr B Mohapatra,</b> <b>Director General,</b> (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, Ballabgarh, Faridabad, Haryana 121004 Email: <a href="mailto:dq@ncbindia.com">dq@ncbindia.com</a>	Member
11.	<b>Shri Nazimuddin,</b> <b>Scientist 'F' &amp; Divisional Head-IPC-II Division</b> (Representative of Central Pollution Control Board) Parivesh Bhawan, East Arjun Nagar, Delhi-110032 Email: <a href="mailto:nazim.cpcb@nic.in">nazim.cpcb@nic.in</a>	Member
12.	<b>Dr. Sanjay Bist,</b> <b>Scientist 'E'</b> (Representative of Indian Meteorological Department), Mausam Bhawan, Lodhi Road, New Delhi – 110003 Email: <a href="mailto:sanjay.bist@imd.gov.in">sanjay.bist@imd.gov.in</a>	Member
13.	<b>Dr. S. Raghavan,</b> <b>Scientist "D",</b> (Representative of National Institute of Occupational Health) Regional Occupational Health Centre, ROHC(S), Bangalore Email: <a href="mailto:raghuharihar@gov.in">raghuharihar@gov.in</a> , <a href="mailto:raghuharihar@yahoo.co.in">raghuharihar@yahoo.co.in</a>	Member
14.	<b>Dr. R. B. Lal</b> <b>Scientist 'E'/Additional Director</b> Ministry of Environment, Forest and Climate Change Indira Paryavaran Bhawan, Room No. V-304, Vayu Wing, Jor Bag Road, New Delhi-110003 Telefax: 011-20819346 E-mail: <a href="mailto:rb.lal@nic.in">rb.lal@nic.in</a>	Member Secretary

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**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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