



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



Agenda of Expert Appraisal Committee

Meeting ID : IA/IND/13611/05/07/2024
Meeting Venue : Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through Hybrid Mode
Meeting Type : Hybrid
Agenda Generation Date : 24-06-2024

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	05 Jul 2024	11:00 AM	16:00 PM
2	05 Jul 2024	12:00 PM	16:00 PM

Date of Meeting : 05-07-2024

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/OR/IND/198977/2021	J-11011/38/2021-IA.II(I)	Installation of 2 X 7 MTPA Greenfield Iron Ore Pellet Plant At Paradip, Jagatsinghpur district, Odisha	ESSAR MINMET LIMITED	Tehsil: Kujang District: Jagatsinghpur State: Orissa	EC
2	IA/OR/IND/1417729/2023	IA-J-11011/286/2020-IA-II(IND-I)	Expansion cum modification of existing steel plant to final capacity of Pellets – 8,00,000 TPA, Sponge Iron – 3,72,900 TPA, Rolled Products – 2,70,000 TPA, Captive Power – 58 MW and Slag Cement – 4,16,000 TPA	M/S GM IRON & STEEL COMPANY LTD.	Tehsil: District: State: Orissa	EC
3	IA/OR/IND/298472/2023	J-11011/365/2006-IA.II(I)	Amendment in EC of Integrated Steel Plant 6 MTPA and Captive Power Plant 810 MW by Jindal Steel and Power Ltd. at Angul Odisha	Jindal Steel & Power Ltd.	Tehsil: Chhendipada District: Angul State: Orissa	Amendment EC

Any Other Item with Permission of Chairman:

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Remarks
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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)

Dated: 22.06.2024

AGENDA FOR 62nd MEETING OF THE EXPERT APPRAISAL COMMITTEE - (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON 3rd – 5th JULY, 2024

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

1. It is informed that the **62nd Meeting of EAC** is scheduled to be held during **3rd- 5th July, 2024** through **Hybrid 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 27.06.2024**
2. It is requested that the Project Proponent or his/her authorized representative should **participate the presentation meeting of EAC through Hybrid Mode** [Consultant shall attend the EAC meeting physically and the PP can attend the EAC meeting either **Physically or Virtually**, as per their convenience]. 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 Mr. Harish Arya, Moderator, NIC (Mobile No. 8800571304, email- support-ipb@nic.in). PP is requested to join the meeting based on Agenda No. [(for ex. 62.1 (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 27.06.2024. 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 **27.06.2024 positively. Failing which the Committee will not consider the project.**
6. Any changes/modification with respect to the agenda would be indicated in the Ministry's website. You are also requested to keep track of the status of your project from the Ministry/s Website i.e., www.parivesh.nic.in .
7. **In addition to the above, kindly send a brief write up (Format enclosed as Annexure – 1) of project (maximum 3-4 pages in MS-word format) along with the power point presentation containing salient features of the project with compliance to the stipulated ToR's preferably not exceeding 35-40 slides to the following email address as well as to the EAC members by 27.06.2024. 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 **27.06.2024**.

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 it surrounding (0.5-1.0 Km) have to be presented using Drone Video survey before the EAC during appraisal of the projects (TOR & EC).**
17. **The PP/Consultant shall ensure that no information to be forwarded through Google drive link. The EIA Coordinator / All FAE should be available during the EAC meeting.**
18. **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.**
19. **The PP shall submit the details of nearby Schools, Villages, Habitations and other environmental sensitivity area along with distance and its impact due to the proposed activities and details mitigation measures needs to be spell out for further appraisal of the EAC.**
20. **The PP is also requested to implement the 'Ek Ped Maa Ke Naam' Campaign which was launched on 5th June 2024 on the occasion of the World Environment Day to increase the forest cover across the Country.**

rb.lal@nic.in rp.rastogi@gov.in sandeepan.bs@gov.in industry1moefcc@gmail.com

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

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

**AGENDA FOR 62nd EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR)
MEETING TO BE HELD DURING 3-5 JULY, 2024**

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

Day 1 – JULY 3, 2024 (WEDNESDAY)

Time: 10:00 AM onwards

Consideration of Environmental Clearance Proposals

62.1 Proposed Alumina Refinery of 3.0 MTPA along with co-generation power plant of 150MW by **M/s Hindalco Industries Limited** - Aditya Alumina Refinery Project, located at Kansarigurha village, Kashipur Tehsil, Rayagada District, **Odisha- Consideration of Environmental Clearance**

**[Proposal No.: IA/OR/IND1/460521/2024; File No. IA-J-11011/141/2004-IA-II(IND-I)]
[Consultant: Visiontek Consultancy Services Pvt. Ltd.; Valid upto: 04/12/2024]**

62.2 Expansion of production capacity (MS Billets /SS Billets capacity from existing 45,885 TPA to 2,41,500 TPA and Rolling mill capacity from existing 60,000 TPA to 2,27,000 TPA) by **M/s Shyam Ferrous Limited**, located at Sy. Nos. 67/2 & 68/2 Devarapally (V), Hindupur (M), Sri Satya Sai District, **Andhra Pradesh- Consideration of Environmental Clearance**

**[Proposal No.: IA/AP/IND1/466091/2024; File No. IA-J-11011/634/2009-IA-II(IND-I)]
[Consultant: Pridhvi Envirotech (P) Ltd.; Valid upto: 12/05/2026]**

62.3 Expansion of Asbestos & Non Asbestos Cement Sheets and Pressure Pipes from 2,40,000 MTPA to 3,36,000 MTPA by **M/s ARL Infratech Ltd.**, located at Khasra Nos. 718, 719, 720, 721, 885/722 & 717 (part), Village – Dahami Khurd, Bagru, Tehsil – Sanganer, District– Jaipur, **Rajasthan - Consideration of Environmental Clearance**

**[Proposal No.: IA/RJ/IND1/462920/2024; File No. IA-J-11011/343/2007-IA-II(IND-I)]
[Consultant: Paramarsh Servicing Environment and Development; Valid upto: 31.08.2024]**

Re-Consideration of Environmental Clearance Proposal

- 62.4** Expansion of Cement Plant - Clinker (3.0 to 7.0 Million TPA), Cement (3.5 to 8.0 Million TPA) along with installation of WHRS (32 MW) at Villages: Majhigawan, Kariyajhar, Malgaon, Piparaon and Dhaurhara, Tehsil: Rampur Naikin, District: Sidhi (**Madhya Pradesh**) by **M/s. UltraTech Cement Ltd. (Unit: Sidhi Cement Works)- Re-Consideration of Environmental Clearance**

[Proposal No.: IA/MP/IND1/422274/2023; File No. IA-J-11011/51/2007-IA-II(IND-I)]
[Consultant: J.M. ENVIRO PRIVATE LIMITED; Valid upto: 2026-07-08]

Consideration in TOR proposals

- 62.5** Proposed Expansion of Clinker Plant Capacity (7.5 Million TPA to 17.5 Million TPA) & Cement Plant Capacity (8.6 Million TPA to 18.6 Million TPA) by **M/s. Sanghi Industries Limited** located at Survey No:- 95, 96, 97, 100, 101, 122, 123, 124, 125, 127, 128, 151, 341 of Motiber Village & Survey No.- 63, 64, 65, 66 of Village Hothiyay, Taluka: Abdasa, District: Kutch, **Gujarat- Consideration of TOR**

[Proposal No. IA/GJ/IND1/469982/2024; File No. J-11011/337/2006-IA-II(IND-1)]
[Consultant: Eco Chem Sales & Services; Valid upto March 15, 2026]

- 62.6** Integrated Cement Plant with production capacity of Clinker: 2.65 Million TPA; Cement: 4.57 Million TPA (OPC, PPC, PSC, SRC, RHPC & Composite Cement); CPP: 25 MW; WHRS: 23 MW; Synthetic Gypsum: 1560 TPD (65 TPH) and DG Sets: 2500 KVA (1 x 2500 KVA or 2 x 1000 KVA & 1 x 500 KVA or 1 x 1000 KVA, 2 x 500 KVA & 2 x 250 KVA) at Village: Chher Moti, Taluka: Lakhpat, District: Kachchh **Gujarat** by **M/s Shree Cement Limited (Unit: Bhuj Cement Plant) - Consideration of TOR**

[Proposal No. IA/GJ/IND1/463365/2024; File No. IA-J-11011/200/2023-IA-II(IND-I)]
[Consultant: JM EnviroNet Pvt. Ltd.; Valid upto August 07, 2026]

62.7 Expansion of Steel Plant by Backward Integration of steel plant comprising of establishment of 2 x 350 TPD DRI Kilns to manufacture 2,31,000 TPA of Sponge Iron along with 2 x 10 MW WHRB Power Plant, 1 x 10 MW FBC Power Plant, 1 x 9 MVA Ferro Alloys Unit to manufacture FeSi - 7,000 TPA / FeMn - 25,200 TPA/ SiMn - 14,000 TPA / FeCr - 15,000 TPA / Pig Iron - 25,200 TPA, Briquetting Plant - 100 Kg/Hr., Brick Manufacturing unit (25,000 Bricks/day) & Slag Crushing Unit (40,000 TPA) by **M/s Shambhavi Ispat** located at Village: Gerwani, Tehsil and District: Raigarh, **Chhattisgarh - Consideration of TOR (Request for withdrawal of the project)**

[Proposal No. IA/CG/IND1/446696/2023: File No. IA-J-11011/386/2023-IA-II(IND-I)]
[Consultant: Pioneer Enviro Consultants Pvt. Ltd.; Valid upto: 21-09-2025]

Day 2 – JULY 4, 2024 (THURSDAY)

Time: 10:00 AM onwards

Consideration of Environmental Clearance Proposals

62.8 Expansion of Steel Plant – DRI Kilns (Sponge Iron from 1,20,000 TPA to 4,50,000 TPA), Induction Furnaces along with CCM & LRF (Hot Billets/ MS Ingots / Billets from 65,000 TPA to 3,96,000 TPA), Ferro Alloys - 1 x 9 MVA (FeCr12,500 TPA/FeMn- 18,000 TPA) to 3 x 9 MVA (FeCr- 45,000 TPA /SiMn- 43,200 TPA/FeMn-75,600 TPA/FeSi-21,000 TPA /FeSi- 21,000 TPA /Pig Iron- 75,600 TPA), WHRB (DRI) based Power Plant from 5 MW to 24 MW, AFBC based Power Plant from 14 MW to 44 MW, new WHRB (BF gases) – 5.0 MW, New Sinter Plant (4,27,680 TPA), New 8,00,000 TPA of Pellet Plant along with Producer Gasifier 24,000 NM³/Hr, New Briquetting Plant - 300 Kg/Hr. & New Brick Manufacturing unit (68,100 Bricks/day) by **M/s Beekay Steel Industries Ltd.**, located at Village: Rampei, Tehsil: Athagarh, District: Cuttack, **Odisha- - Consideration of Environmental Clearance**

[Proposal No.: IA/OR/IND1/456528/2023; File No. IA-J-11011/398/2022-IA-II(IND-I)]
[Consultant: Pioneer Enviro Consultants Pvt. Ltd.; Valid upto: 21-09-2025]

62.9 Expansion Project for Manufacturing of Paper from Waste Paper Based Mills by **M/s Shah Paper Mills Ltd.**, located at Plot No: 97, Notified Industrial Area, GIDC Vapi, Tal: Pardi, Dist.: Valsad, **Gujarat - Consideration of Environmental Clearance**

[Proposal No.: IA/GJ/IND1/455735/2023; File No. IA-J-11011/444/2023-IA-II(IND-I)]
[Consultant: Eco Chem Sales & Services; Valid upto: 03/03/2027]

62.10 Establishment of 1.0 MTPA Beneficiation Plant, 0.6 MTPA Pellet Plant and Sponge Iron plant of 4x100 TPD along with the installation of Induction Furnace 90,000 TPA & Rolling Mill of 90,000 TPA and Captive Power Plant of 10 MW” by **M/s Shashi Alloys Pvt. Ltd.**, located at Sy. No's 1/2, 1/3, 11/1, 11/2, 11/3, 11/4, 11/5, 11/6, 11/7, 11/8 & 14/2 of Bhairanayakanahatti Village, Nayakanahatti Hobli, Challakere Taluk, Chitradurga District, **Karnataka- Consideration of Environmental Clearance**

[Proposal No.: IA/KA/IND1/462863/2024; File No. IA-J-11011/267/2022-IA-II(IND-I)]
[Consultant: Environmental Health and Safety Consultants Private Limited; Valid upto: 08/10/2025]

Re-Consideration of Environmental Clearance Proposal

- 62.11** Greenfield Steel Plant Project to produce Pellets 1.0 Million TPA; DRI 0.4 Million TPA, MS Billets 0.42 Million TPA and 0.4 Million TPA TMT Rebars with Iron ore beneficiation plant of capacity 2.65 Million TPA & Captive Power generation of 28 MW through WHRB and 15 MW through AFBC by **M/s Pacific Metasteel Private Limited**, located at Village (s) Sakera Bhata, Sunrai Bhata & Papawani Khas, Tehsil Prithvipur, District Niwari, **Madhya Pradesh– Re-Consideration of Environmental Clearance**

[Proposal No.: IA/MP/IND1/458594/2024; File No. IA-J-11011/535/2022-IA-II(IND-I)]

[Consultant: Gaurang Environmental Solutions Pvt. Ltd.; Valid upto: 2024-08-30]

Consideration of TOR proposals

- 62.12** Expansion of Ore Processing Unit for production of Raw Manganese Powder (18000 TPA), Roasted Manganese Powder (11000 TPA), Manganese Mono Oxide (3600 TPA), Aluminium Notch bar and Aluminium Allied Products (3600 TPA), Chrome Refractory Motors (6000 TPA), Chrome Refractory Monolithics (6000 TPA), Chrome Refractory Mortar bricks (6000 TPA), Manganese Briquettes (12000 TPA) and Iron Powder (7200 TPA) with the existing unit for production of Stone Chips (1,20,000 TPA), Stone dust (30,000), Sized Iron Ore (1,20,000 TPA) and Iron Ore Fines (1,20,000 TPA) along with installation of Ferro Alloy Plant for Production of Medium Carbon Ferro Manganese (6000 TPA), Low Carbon Ferro Manganese (3600 TPA), Low Carbon Ferro Chrome (3600 TPA), Ferro Molybdenum (3600 TPA), Ferro Vanadium (3600 TPA) and Ferro Titanium (3600 TPA)” **M/s Maruti Ores and Minerals**, located at Lenin Sarani, PS – Coke Oven, PO-Durgapur – 713210, District – Paschim Bardhaman, **West Bengal- Consideration of TOR**

[Proposal No. IA/OR/IND1/472408/2024; File No. IA-J-11011/210/2024-IA-II(IND-I)]

[Consultant: Grass Roots Research and Creation India (P) Ltd.; Valid upto: 08.03.2025]

62.13 Establishment of Greenfield steel plant comprising of DRI Kilns 2x350 TPD&2x200 TPD - 3,63,000 TPA), Induction Furnaces with matching LRF&CCM(Hot Billets/Billets/Ingots 2x40 T- 2,64,000 TPA), Rolling Mills(TMT bars/Structural Steel)(85% Hot charging with Hot Billets and remaining 15% through RHF with LDO as fuel – 2,31,000 TPA), Galvanizing Plant Pipe unit 2x1 LTPA-2,00,000 TPA, Coal Washery Unit 2x2 MTPA – 40,00,000 TPA, Ferro Alloy Unit 2x9 MVA(FeSi-14,000TPA/FeMn-40,000 TPA/SiMn-28,000 TPA/FeCr-30,000 TPA/ Pig Iron48,000 TPA), Briquetting Plant (200 Kg/Hr), WHRB based Power Plant – 2 x 10 MW & 2 x 6 MW, FBC based Power Plant – 1 x 30 MW & Brick Manufacturing unit (40,000 Bricks / Day)] by **M/s Prismo Steels Pvt. Ltd.** located at Tumidih & Punjipathra Villages, Ghargoda Tehsil, Raigarh District, **Chhattisgarh- Consideration of TOR**

[Proposal No. IA/CG/IND1/468927/2024; File No. IA-J-11011/210/2024-IA-II(IND-I)]
[Consultant: Pioneer Enviro Consultants Pvt. Ltd.; Valid upto: 21-09-2025]

62.14 Establishment of DRI Kilns (Sponge Iron 1,32,000 TPA), Induction Furnace with LRF & CCM (MS Billets / Ingots) (1,18,800 TPA), Submerged Electric Arc Furnace (Si-Mn) – 15840 TPA or (Fe-Mn) – 20130 TPA, WHRB based Power Plant – 2 x 5 MW, AFBC based Power Plant – 1 x 5 MW, Brick Manufacturing unit (8,000 Bricks/day) by **M/s Baidyanath STEEL & power private limited** located at Village-Chhapora, Tehsil-Tilda, District-Raipur, **Chhattisgarh-- Consideration of TOR**

[Proposal No. IA/CG/IND1/472704/2024; File No. IA-J-11011/226/2024-IA-II(IND-I)]
[Consultant: Parivesh Environmental Engineering Services; Valid upto 11/11/2024]

Time: 10:00 AM onwards

Consideration of TOR proposal

62.15 Modernisation-cum-expansion of existing Production of Pig Iron / Hot Metal from 0.25 to 0.45 MTPA, DI Pipe from 0.19 to 0.45 MTPA, DI Pipe Fitting 30,000 TPA, Sinter from 0.2988 to 0.55 MTPA & CPP from 26.43 to 60 MW by installation of a new CPP of 30MW capacity, by **M/s Jindal Saw Limited**, located at Village - Haresamudram, Mandal - Bommanahal, District Ananthapur, **Andhra Pradesh- Consideration of TOR**

[Proposal No.: IA/AP/IND1/466674/2024; File No. IA-J-11011/125/2010-IA-II(IND-I)]
[Consultant: Ecomen Mining Pvt. Ltd.; Valid upto 03/10/2026]

62.16 Proposing for Expansion of Integrated Cement Plant (Clinker – 6.45 to 18.51 Million TPA, Cement – 6.705 to 16.705 Million TPA and WHR - 24 MW to 96 MW) by Installation of new Line – 3, 4 & 5 by **M/s. ACC Limited (Unit: Wadi Cement Works)**, located at Wadi Plant, Village+Post - Wadi, Tehsil- Chittapur, District - Kalaburagi, State-**Karnataka** - **Consideration of TOR**

[Proposal No. IA/KA/IND1/441966/2023; File No. IA-J-11011/126/2007-IA-II(IND-I)]
[Consultant: Ecomen Mining Pvt. Ltd.; Valid upto 03/10/2026]

Proposals from Parivesh 1.0

Consideration of Environmental Clearance Proposals

- 62.17** Installation of 2 X 7 MTPA Greenfield Iron Ore Pellet Plant by **M/s Essar Minmet Limited**, located at Paradip, Jagatsinghpur District, Odisha - **Re-Consideration of Environmental Clearance [From Parivesh 1.0]**

[Proposal No. IA/OR/IND/198977/2021, File No. J-11011/38/2021-IA.II(I)]
[Consultant: M. N. Dastur and Company (Pvt.) Ltd.; Valid upto Till: 17.11.2025.]

- 62.18** Expansion cum modification of existing steel plant to final capacity of Pellets – 8,00,000 TPA, Sponge Iron – 3,72,900 TPA, Rolled Products – 2,70,000 TPA, Captive Power – 58 MW and Slag Cement – 4,16,000 TPA by **M/s GM Iron & Steel Company Ltd.**, located at Village Kulei, Parjang in Dhenkanal District, Odisha- **Re-Consideration of Environmental Clearance [From Parivesh 1.0]**

[Proposal No. IA/OR/IND1/417729/2023; File No. IA-J-11011/286/2020-IA-II(IND-I)]
[Consultant: M/s. Envirotech East Pvt. Ltd.; Valid upto :12.09.2025]

Amendment in Re-Consideration of Environmental Clearance

- 62.19** Amendment in EC of Integrated Steel Plant 6 MTPA and Captive Power Plant 810 MW by **M/s Jindal Steel and Power Ltd.** at Angul, State Odisha- **Re-Consideration of Environmental Clearance [From Parivesh 1.0]**

[Proposal No. IA/OR/IND/298472/2023; File No. J-11011/365/2006-IA.II(I)]

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

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

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

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

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

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

4. Details of EDS/ADS

Details of EDS sought by Ministry	Reply of PP
1. Point 1	
2. Point 2	

5. 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		Break up of land and its lease/LOI/Consent/Possession details/Land conversion details needs to be included.												
3.	Existence of habitation & involvement of R&R, if any.	Project site: Name of village (if any) Study Area: <table border="1"> <thead> <tr> <th>Habitation</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Habitation	Distance	Direction							Status of R&R.			
Habitation	Distance	Direction													
4.	Latitude and Longitude of <u>all</u> corners of	<table border="1"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Point	Latitude	Longitude										
Point	Latitude	Longitude													

S. No.	Particulars	Details	Remarks									
	the project site.											
5.	Elevation of the project site M above mean sea level										
6.	Involvement of Forest land if any.	Status of stage I Forest Clearance: Area of the forest land involve:										
7.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	Project site: Name Study area <table border="1"> <thead> <tr> <th>Water body</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Water body	Distance	Direction							Authenticated HFL data of the water body shall be furnished.
Water body	Distance	Direction										
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:										
9.	Details of inter-linked projects needs to be submitted											

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

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

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

9. 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			

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

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

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

Period		Additional study (if any)
AAQ parameters at Locations (min and max)	PM _{2.5} = To µg/m ³ PM ₁₀ = To Mg/m ³ SO ₂ = to µg/m ³ Nox = To µg/m ³ CO = To µg/m ³	
Incremental GLC level	PM ₁₀ = µg/m ³ (Level atkm in..... Direction) SO ₂ = µg/m ³ (Level atkm in..... Direction) Nox = µg/m ³ (Level atkm in..... Direction) CO = µg/m ³ (Level atkm in..... Direction)	
Ground water quality at locations	pH:to....., Total Hardness:to..... mg/l, Chlorides: to mg/l, Fluoride:.....to mg/l. Heavy metals.....	
Surface water quality at	pH:to; DO:to..... mg/l and BOD:mg/l. COD from.....to.....mg/l	

locations																						
Noise levels Leq (Day and Night) to for the day time and to for the Night time.																					
Traffic assessment study findings	<ul style="list-style-type: none"> Traffic study has been conducted at NH/SH/MDR.....which is approximately.....(distance) from the plant site. Transportation of raw material, fuel & finished product will be done% by road. Existing PCU is PCU/hr on(NH/SH/MDR) and existing level of service (LOS) is: <table border="1"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/hr.)</th> <th>C (Capacity in PCU/hr.)</th> <th>Existing V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <ul style="list-style-type: none"> PCU load after proposed project will be.....(Existing) +(Additional) PCU/hr and level of service (LOS) will be: <table border="1"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/hr.)</th> <th>C (Capacity in PCU/hr.)</th> <th>Proposed V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Note: Capacity as per IRC-..... Guide line for capacity for roads.</p> <p>Conclusion: The level of service will after including additional traffic due to proposed project.</p>	Road	V (Volume in PCU/hr.)	C (Capacity in PCU/hr.)	Existing V/C Ratio	LOS						Road	V (Volume in PCU/hr.)	C (Capacity in PCU/hr.)	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.																					

13. 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

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

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

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

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

15. 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				

16. Existing green belt has been developed in ha area which is about ...% of the total project area ofha with total sapling of Trees *[Only for expansion and clause 7(ii) cases]*. Proposed greenbelt will be developed in ha which is about% of the total project area. Thus total of ha area (.....% of total project area) will be developed as greenbelt. A ----m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of saplings will be planted and nurtured in hectares in years.

17. 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			

18. 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			

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

19. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.
20. Name of the EIA consultant: M/s[S. No., List of ACOs with their Certificate / Extension Letter no.....; Valid up to..... Rev.,].
21. **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]

22. 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:
23. The proponent submitted the ADS reply vide letter dated uploaded on PARIVESH on..... Point-wise reply of ADS is given as below:

S No	ADS Point	Reply/Response of PP

Format for Brief Write-Up (ToR)

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

3. Environmental site settings

S.No.	Particulars	Details	Remarks												
i.	Total land	----- ha [Private: ---- ha; Govt: ---- ha; Agriculture: ----- ha; and Grazing land: -----]	Land use:												
ii.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014														
iii.	Existence of habitation & involvement of R&R, if any.	Project site: Name of village (if any) Study Area: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 33%;">Habitation</th> <th style="width: 33%;">Distance</th> <th style="width: 33%;">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 <u>all corners</u> of the project site.	<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Point</th> <th style="width: 25%;">Latitude</th> <th style="width: 25%;">Longitude</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Point	Latitude	Longitude										
Point	Latitude	Longitude													
v.	Elevation of the project site m above mean sea level													
vi.	Involvement of Forest land if any.	Status of stage I Forest Clearance: Area of the forest land involve:													
vii.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	Project site: Name Study area <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 33%;">Water body</th> <th style="width: 33%;">Distance</th> <th style="width: 33%;">Direction</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Water body	Distance	Direction							Authenticated HFL data of the water body shall be furnished.			
Water body	Distance	Direction													
viii.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve	Study area Name of the ESZ/ESA: Status of Notification: Distance of project from ESZ/ESA: Authenticated map of ESZ projecting distance of ESZ from project site:													

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

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

5. **Details of EDS/ADS**

Details of EDS sought by Ministry	Reply of PP
1. Point 1	
2. Point 2	

6. 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

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

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

8. 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			

9. Existing Water requirement is m³/day, water requirement is obtained from and permission

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

10. 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

11. 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.....

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

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

14. 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]**

15. 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:

16. 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

NAME OF THE PROJECT	
EAC MEETING DETAILS & AGENDA NO.	PROPOSAL NO. FILE NO.
<ul style="list-style-type: none">NAME OF THE PROJECT PROPONENT WITH ADDRESS	<ul style="list-style-type: none">NAME OF THE CONSULTANTNABET REGISTRATION NO.VALIDITY

1

Slide no. 2:

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

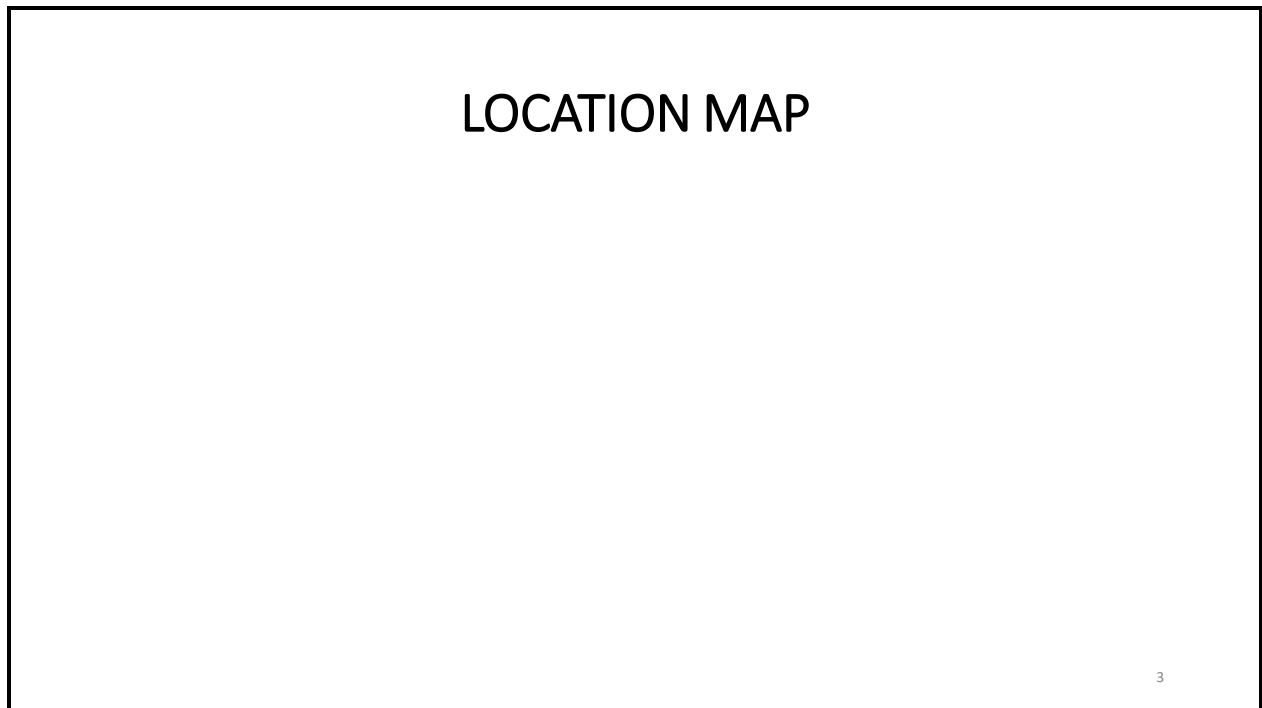
2

Slide no. 3

Details of EDS/ADS

Details of EDS sought by Ministry	Reply of PP
1. Point 1	
2. Point 2	

Slide no. 4



Slide no. 5

LINK FOR KML FILE & GOOGLE EARTH IMAGE

4

Slide no. 6

TOPOGRAPHICAL MAP

5

Slide no. 7

LAND ALLOTTED/ACQUISTION STATUS

6

Slide no. 8

PREVIOUS EC DETAILS (In case of Expansion Projects)

- EC granted on

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

7

Slide no. 9

Compliance status of existing unit

- Certified report issued on

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

8

Slide no. 10

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	

9

Slide no. 11

EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

10

Slide no. 12

PLANT LAY OUT

11

Slide no. 13

RAW MATERIAL CONSUMPTION

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

12

Slide no. 14

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

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

13

Slide no. 15

WATER BALANCE DIAGRAM

14

Slide no. 16

BASE LINE STUDY AREA MAP WITH LOCATIONS

15

METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

16

BASE LINE STUDY REPORTS

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

17

Slide no. 19

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. 20

Isopleths

19

Slide no. 21

PUBLIC CONSULTATION PHOTOGRAPHS

20

Slide no. 22

PUBLIC CONSULTATION

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

21

Slide no. 23

ACTION PLAN TO ADDRESS PH ISSUES

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

22

Slide no. 24

EMP – AIR (Construction/Operation)

23

Slide no. 25

EMP – NOISE(Construction/Operation)

23

Slide no. 26

EMP – WATER (Construction/Operation)

23

Slide no. 27

EMP – GREEN BELT (Construction/Operation)

23

Slide no. 28

EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

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

27

Slide no. 29

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. 30

RISK ASSESSMENT FINDINGS AND ITS MITIGATION

29

Slide no. 31

ENERGY CONSERVATION MEASURES

30

Slide no. 32

DIRECTION/COURT CASE/LITIGATION

31

Slide no.33

ANY OTHER RELEVANT INFORMATION

32

Slide no. 34: TOR wise compliance presentation

Point Wise Standard TOR Compliance

TOR Point-1: Executive Summary of the Project.

Reply:

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

Reply:

And so on.....

23

Slide 35 : 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 36: 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. Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.

Slide 37: 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
<ul style="list-style-type: none">• NAME OF THE PROJECT PROPONENT WITH ADDRESS	<ul style="list-style-type: none">• NAME OF THE CONSULTANT• NABET REGISTRATION NO.• VALIDITY

1

Slide No. 2

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

2

Slide No. 3

LOCATION MAP

3

Slide No. 4

LINK FOR KML FILE

4

Slide No. 5

ALTERNATE SITE ANALYSIS

(In case of green-field project)

PARAMETERS	SITE 1	SITE 2	SITE 3	SELECTED SITE WITH JUSTIFICATION

5

Slide No. 6

PREVIOUS EC DETAILS

(In case of Expansion/De-novo Projects)

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

Note: Delete, whichever not applicable

6

Slide No. 7

ENVIRONMENTAL SETTINGS – Study area

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

7

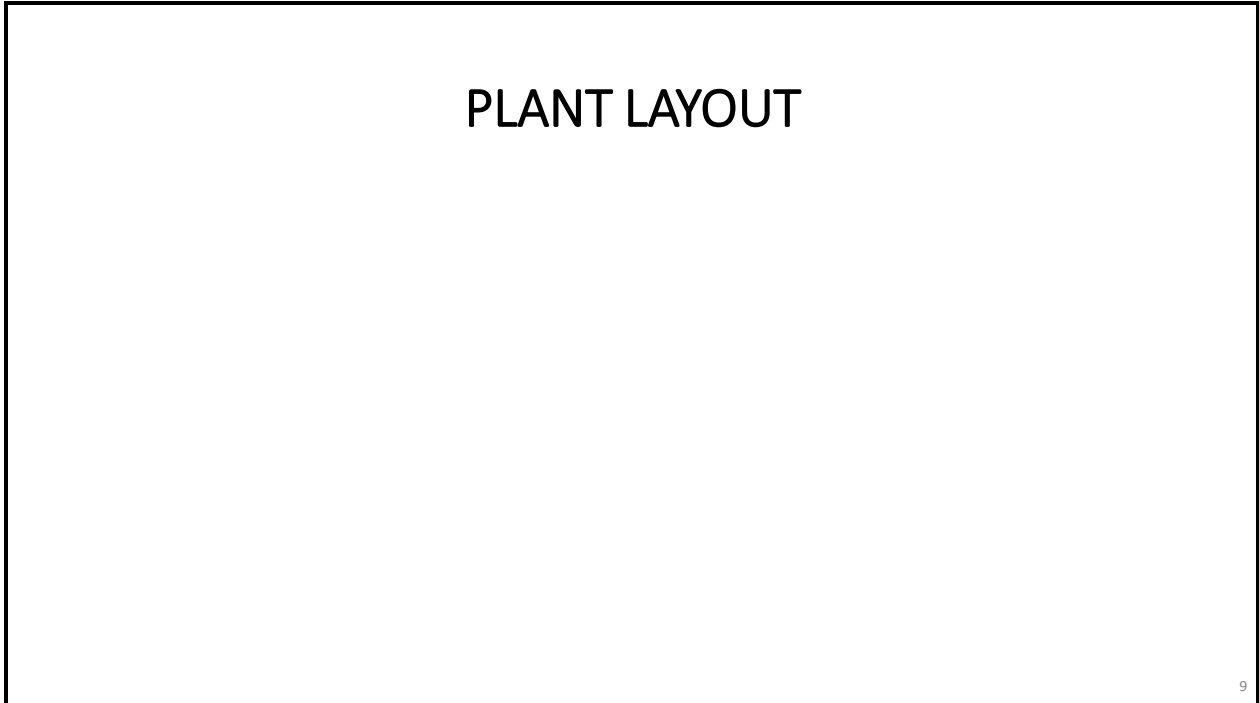
Slide No. 8

PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

NAME OF THE FACILITY	CONFIGURATION	CAPACITY (TPA)

8

Slide No. 9



Slide No. 10

RAW MATERIAL CONSUMPTION

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

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			

11

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			

12

Slide No. 13

STUDY AREA MAP WITH LOCATIONS

13

Slide No. 14

DIRECTIONS/COURT CASE/LITIGATION

14

Slide No. 15

ANY OTHER RELEVANT INFORMATION

15

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

S. No.	Name & Address	Position
1.	Shri Rajive Kumar, IFS Retired B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-226010 Email: chairman.eac.ind.1@gmail.com	Chairman
2.	Dr. Dipankar Shome House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-440007 Email: dshome61@gmail.com	Vice Chairman
3.	Dr. S Ranganathan 120, Third Cross Eleventh Main Grain Merchant Layout Kenchanahalli Yelahanka Bengaluru 560064 Email: ranganathan.metals@gmail.com	Member
4.	Dr. Ranjit Prasad Associate Professor Department of Mineral Processing Technology, Environmental Quality, EIA Process NIT Jamshedpur Q. No. CF 52, NIT Jamshedpur Campus, PO-NIT, Adityapur, PIN-831014 Email: ranjitniti@gmail.com	Member
5.	Dr. E V R Raju Flat No. 103, Block-8, Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049, Telangana. Email: rajuevr60@gmail.com	Member
6.	Dr. S. K. Singh Professor - Civil & Environmental Engg., DTU, Type V/29, Professor & Dean Delhi Technological University Campus (Formerly Delhi College of Engineering) Bawana Road Delhi-110042 Email: sksinghdce@gmail.com	Member
7.	Dr. Jai Krishna Pandey Chief Scientist & Head, Mine Fire, Ventilation and Miner's health Research Group Room No. TG- 8, Technological Block CSIR- Central Institute of Mining and Fuel Research Barwa Road, Dhanbad-826015 (Jharkhand) Email: drikpandey.eac.industry1@gmail.com	Member
8.	Dr. Tejaswini Ananthkumar 84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004 tejaswini.acf@gmail.com	Member
9.	Dr. Hemant Sahasrabuddhe LB-53, Housing Board Colony, Laxminagar, Nagpur-440022, Maharashtra, India Email: sshemant_801@rediffmail.com	Member
10.	Dr. S.K. Chaturvedi	Member

S. No.	Name & Address	Position
	(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, 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	Member
12.	Dr. Sanjay Bist, Scientist 'E' (Representative of Indian Meteorological Department), Mausam Bhawan, Lodhi Road, New Delhi – 110003 Email: sanjay.bist@imd.gov.in	Member
13.	Dr. S. Raghavan, Scientist "E", (Representative of National Institute of Occupational Health) Regional Occupational Health Centre, ROHC(S), Bangalore Email: raghuharihar@gov.in , raghuharihar@yahoo.co.in	Member
14.	Dr. R. B. Lal Director/Scientist F and Member Secretary (Industry -1 Sector) Ministry of Environment, Forest and Climate Change Indira Paryavaran Bhawan, Room No. V-304, Vayu Wing, Jor Bag Road, New Delhi-110003 Email-rb.lal@nic.in	Member Secretary

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.
