

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

**Indira Paryavaran Bhawan,
JorBagh Road, Ali Ganj,
New Delhi - 110 003**

Dated: 19th August, 2020

To

As per list enclosed.

Subject: 22nd Meeting of the Re-Constituted Expert Appraisal Committee on Industry – 1 sector project to be held during 26-28th August, 2020 – Agenda for 3rd day -reg.

Sir,

1. The undersigned is directed to inform you that the project proposals as furnished below will be considered by the Reconstituted Expert Appraisal Committee for Industry – 1 sector in its 22nd meeting to be held during **26-28th August, 2020 through videoconferencing(VC) without inviting the respective project proponent in view of the ongoing Corona Virus Disease (Covid-19) issue. You are also requested to send your consent to attend the VC by 21/08/2020. The web link for the VC meeting will be circulated by email in due course of time.**
2. For the purpose, the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, public hearing report, queries subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., in accordance with Environment Impact Assessment Notification, 2006 are required to be forwarded to the Chairman/Members of the Expert Appraisal Committee including details of the court matters/Orders of the Court pertaining to the project, if any. **Accordingly, it is requested to forward a copy of each of these said documents by soft copy/e-mail to the Chairman/members of the Expert Appraisal Committee by 22/08/2020. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action.**
3. A copy of this letter may also be enclosed as a reference while mailing the documents to the Chairman/Members.
4. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/e-mail pertaining to the projects latest by **22/08/2020 positively. Failing which the Committee will not consider the project.**
5. Any changes/modification with respect to the Agenda would be indicated in the Ministry's website. You are also requested to keep track of the status of your project from the Ministry/s Website i.e., www.parivesh.nic.in.
6. It is requested that one set of hard copy of the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, Public Hearing Report, queries subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., in

accordance with Environment Impact Assessment Notification, 2006 shall also be sent by speed post to the undersigned.

7. **In addition to the above, kindly send a brief write up (Format enclosed as Annexure – 1) of project (maximum three pages in MS-word format) along with the power point presentation containing salient features of the project with compliance to the stipulated ToRs to the following email address as well as to the EAC members by 22/08/2020. Further, the nodal officer and consultant contact details (Name, Designation, Mobile and E-mail) for the VC shall also be sent in the format given below:**

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

dirind-moefcc@gov.in
r.sundar@nic.in
rs.ratti@gov.in

Encl: as above.

Yours faithfully,
Sd/-

(A.K. Agrawal)
Director

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

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

S.No.	Name & Address	Position
8.	Shri. Rajendra Prasad Sharma, Expert (Energy & Environment), 4528, Achiever's Villa, Kalindi Hills, Sector49, Faridabad- 121001, Haryana E-mail: rps3@hotmail.com	Member
9.	Dr. Sanjay Deshmukh, (Former Vice Chancellor, University of Mumbai), Prof. Life Sciences, Mumbai University, Vidyanagari, Santacruz (E), Mumbai 400098. E-mail: docsvd@yahoo.com	Member
10.	Prof. S.K. Singh, Prof. and Dean of Env. Engg., Delhi Technical University, Type-V/29, DTU Campus, Bawana Road, Delhi – 110042 E-mail: sksinghdce@gmail.com	Member
11.	Dr. R. Gopichandran, Former Director, Vigyan Prasar, DST, C-203, Angelmercury, Behind Shanthi Gopal Hospital, AhinsaKhand-II, Indirapuram, Ghaziabad, U.P. E-mail: r.gopichandran61@gmail.com	Member
12.	Shri Jagannadha Rao Avasarala, Environment Expert, 49-37-8/1,NGGO Colony, Akkayyapalem, Vasakhapatnam – 530016. E-mail: avasalarajagan@gmail.com	Member
13.	Shri. J.S.Kamyotra, (Former Member Secretary, Central Pollution Control Board), WZ 169, B 1 st Floor, Street No. 5, Veerender Nagar, New Delhi – 1110058. E-mail: kamyotra@yahoo.co.in	Member
14.	Shri. A.K. Agrawal Director, Indira ParyavaranBhawan JorBagh Road, Aliganj, New Delhi, E-mail: dirind-moefcc@gov.in	Member-Secretary

AGENDA
22nd MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE
- INDUSTRY 1 SECTOR TO BE HELD ON 26-28TH AUGUST, 2020
28th August, 2020

Time schedule: 10.00 Hrs to 13.00 Hrs

- 22.25 Expansion-cum-modernization of Bokaro Steel Plant from 4.5 MTPA hot metal to 5.77 MTPA hot metal **by M/s Steel Authority of India Limited (SAIL)** located at Bokaro Steel City, **Jharkhand** [Proposal No. IA/JH/IND/168412/2018; MoEFCC File No. J-11011/99/2007-IA.II(I)] – **Environment Clearance - regarding.**
- 22.26 Greenfield project for production of Ferro Alloys by installation 3 nos. of Submerged Arc Furnace (3 x 9 MVA) for the production of Ferro alloys (Silico Manganese, Ferro Silicon and Ferro Manganese) of total capacity of 59,700 TPA capacity or/and alternatively Pig Iron of total Capacity (1,19,400 TPA) **by M/s Avassa Ferro Alloys Private Limited** located at Village- Kanbery, Tehsil- Katghora, **District- Korba, Chhattisgarh** [Proposal No. IA/CG/IND/167971/2020; MoEFCC File No. J-11011/178/2020-IA.II(I)] – **Prescribing of Terms of Reference - regarding.**
- 22.27 Any other item with permission of Chair.

Format for Brief Write-Up (Environment Clearance)

1. The of M/s located in Village, Tehsil, District, State..... was initially received in the Ministry on20... for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The project was appraised by the Expert Appraisal Committee (Industry) [EAC(I)] during itsth meeting held on, 20.... and prescribed ToRs to the project for undertaking detailed EIA study for obtaining environmental clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on20.... vide Lr. No.
2. Based on the ToRs prescribed to the project, the project proponent submitted an application for environmental clearance to the Ministry online on201..... vide Online Application No.....
3. The project of M/s.....located inVillage ,Tehsil ,District,State is for setting up of a new for production ofmillion tones per annum (million TPA) of/ enhancement of production of from..... tomillion tonnes per annum (million TPA). The existing project was accorded environmental clearance vide lr.no.....dated.....
4. The Status of compliance of earlier EC was obtained from Regional Office, Bangalore/Bhubaneshwar/Bhopal/Chennai/Chandigarh/Dehradun/Laknow/Nagpur/Ranchi/Shilong vide Lr. No., dated.....There is no non-compliances reported by Regional officer. The proposed capacity for different products for new site area as below:

Name of unit	No. of units	Capacity of each Unit	Production Capacity

5. The total land required for the project isha, out of whichha is an agricultural land, ...ha is grazing land andha is others (.....Government Land). No /forestland involved. The entire land has been acquired/ not acquired for the project. The River passes through the project area (p./c). It has been reported that no water body/ water body exist around the project and modification/diversion in the existing natural drainage pattern at any stage has not been proposed.
6. The topography of the area is.....(flat/undulated) and reported to lies between0 ..'.." to .. 0 ..'.." N Latitude and ..0 ..'.." to ..0 ..'.." E Longitude in Survey of India topo sheet No., at an elevation ofm AMSL. The ground water table reported to ranges between below the land surface during the post-monsoon season and below the land surface during the pre-monsoon season. Based on the hydro-geological study, it has been reported that the radius of influence of pumped out water will bem. Further, the stage of groundwater development is reported to be....% and ...% in core and buffer zone respectively and thereby these are designated as safe/critically exploited areas.

7. The National Park/WL etc are located at a distance of KM from the site/No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported to be located in the core and buffer zone of the project. The area also does not report to be a corridor for Schedule-I fauna. The authenticated list of flora and fauna provided through the reporting presence of no /schedule-I fauna in the study area (Annexure-... of EIA).
8. The process of project showing the basic raw material used and the various processes involved to produce the final output, waste generated in process.
9. The targetted production capacity of the is million TPA. The ore for the plant would be procured from (linkages). The ore transportation will be done through (Rail/Road/Conveyor/Slurry Pipeline).
10. The water requirement of the project is estimated as m³ /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 theThe permission for drawl of groundwater / surface water is obtained from vide Lr. No. date.....
11. The power requirement of the project is estimated as MW, out of which MW will be obtained from the
12. Baseline Environmental Studies were conducted during -----season i.e. from to, 20..... Ambient air quality monitoring has been carried out at 8 locations during to and the data submitted indicated: PM10 (..... µg/m³ to µg/m³), PM2.5 (..... to µg/m³), SO₂ (..... to µg/m³) and NO_x (..... to µg/m³). The results of the modeling study indicates that the maximum increase of GLC for the proposed project is µg/m³ with respect to the PM10, µg/m³ with respect to the SO₂ µg/m³ with respect to the NO_x.
13. Ground water quality has been monitored in locations in the study area and analysed. pH: to, Total Hardness: to mg/l, Chlorides: to mg/l, Fluoride: to mg/l. Heavy metals are within the limits. Surface water samples were analysed from locations. pH: to; DO: to mg/l and BOD: mg/l. COD from to mg/l.
14. Noise levels are in the range of to dBA for daytime and to dBA for nighttime.
15. It has been reported that there are people in the core zone of the project. No/ R&R is involved. It has been envisaged that families to be rehabilitated, which will be provided compensation and preference in the employment.
16. It has been reported that a total of tons/m³ of waste will be generated due to the project, out of which will be used in And... will be dumped in the earmarked dump yard. It has been envisaged that an area of ha will be developed as green belt around the project site to attenuate the noise levels and trap

the dust generated due to the project development activities.

17. It has been reported that the Consent to Establish/Consent to Operate from the State Pollution Control Board / Pollution Control Committee obtained vide Lr. No.....dated.....and consent is valid up to
18. The Public hearing of the project was held on20.. at.....under the chairmanship of(designation) for production ofmillion TPA of/ setting up of...plant, under the The issues raised during public hearing are..... An amount ofLakhs (.....% of Project cost) has been earmarked for Enterprise Social Commitment based on public hearing issues.
19. The capital cost of the project is Rs.....Crores and the capital cost for environmental protection measures is proposed as Rs.....Lakhs. The annual recurring cost towards the environmental protection measures is proposed as Rs.....Lakhs .The detailed CSR plan has been provided in the EMP in its page No.to.....The employment generation from the proposed project / expansion is.....
20. Greenbelt will be developed in Ha which is about% of the total acquired area. A 100 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.
21. The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.

Format for Brief Write-Up (ToR)

1. M/s.proposes to install a new/expansion of existing manufacturing unitfor..... It is proposed to set up the plant for based ontechnology. The project proponent submitted an application in the prescribed format along with Form-1 and other reports to the Ministry online on201..... vide Online Application No.
2. The existing project was accorded environmental clearance vide lr.no. dated.....Consent to Operate was accorded byState pollution Control Board vide lr. no.validity of CtO is up to
3. The proposed unit will be located at..... Village:, Taluka:, District:, State:.....
4. The land area acquired for the proposed plant isHa out of which ha is an agricultural land,ha is grazing land andha is others (.....Government Land). No/forestland involved. The entire land has been acquired/ not acquired for the project. Of the total area ha (.....%) land will be used for green belt development.
5. The National Park/WL etc are located at a distance of KM from the site/No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported to be located in the core and buffer zone of the project. The area also does not report to form corridor for Schedule-I fauna.
6. Total project cost is approx Crore rupees. Proposed employment generation from proposed project will be direct employment and indirect employment.
7. The targeted production capacity of theismillion TPA. The ore for the plant would be procured from (linkages.....). The ore transportation will be donethrough(Rail/Road/Conveyor/Slurry Pipeline). The proposed capacity for different products for new site area as below:

Name of unit	No. of units	Capacity of each Unit	Production Capacity

8. The electricity load of MW will be procured from Company has also proposed to install DG Set.
9. Proposed raw material and fuel requirement for project are The requirement would be fulfilled by as well as Fuel consumption will be mainly
10. Water Consumption for the proposed project will be and waste water generation will be Domestic waste water will be treated and industrial waste water generated will be treatedand reused
11. The proponent has mentioned that there is no court case or violation under EIA

Notification to the project or related activity.

Format for Brief Write-Up (Amendment proposals/Extension of validity of EC/ToR)

1. Kindly provide details of earlier project along with details of EC/ToR granted for the project with letter no and date of issue.
2. Reason for seeking amendment in ToR as well as EC.
3. Configuration & capacity change granted in ToR/EC vis-a-vis with the proposed changes in configuration & capacity of units
4. In case of other changes, details as per the granted ToR/EC vis-à-vis proposed changes
5. Status of Implementation of the earlier ToR/EC facilities and schedule of completion of balance facilities in case of Extension of validity of ToR/EC.
6. Status of Implementation of the earlier ToR/EC facilities in case of amendment proposals.
7. Litigation if any, pending in any Court related to the project (or) activity.

8. Format for Brief Write-up for the Environmental Clearance for the expansion under clause 7(ii) of EIA Notification, 2006.

- i. QCI/NABET accreditation status of the EIA consultant
- ii. Details of the existing Environmental Clearances (ECs) obtained.
- iii. Implementation status of the existing Environmental Clearances.
- iv. Details of the earlier Public consultation conducted along with compliance to the issues raised during the public consultation.
- v. Certified compliance report of existing environmental clearances from the concerned Regional Office of the MoEF&CC.
- vi. Closure report of Regional Office in case of non-compliances observed in the certified compliance report.
- vii. Existing baseline conditions based on the periodic post project environmental monitoring program
- viii. Proposed Expansion or Modernization or Change of product mix vis-à-vis with granted EC capacity along with percentage of increase in production.
- ix. Proposed plant lay out vis-à-vis with layout for which Environmental Clearance was granted.
- x. Proposed resources requirement (Land/raw materials/water/power) vis-à-vis with granted Environment Clearance
- xi. Pollution load calculations (Air/Water/Solid & hazardous waste/traffic) vis-à-vis with granted Environment Clearance
- xii. Environment Management Plan for the proposed Expansion or Modernization or Change of product mix along with budget provision for implementation.
- xiii. Proposed Corporate Environment Responsibility activities for the additional investment proposed.
- xiv. Project cost
- xv. Litigation if any, pending in any Court related to the project (or) activity.
- xvi. Details of show cause notices/direction if any, issued under Air Act, Water Act and Environment (Protection) Act, 1986.
