

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

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

**Dated: 18<sup>th</sup> December, 2019**

To

As per list enclosed.

**Subject: 14<sup>th</sup> Meeting of the Re-Constituted Expert Appraisal Committee on Industry – 1 project to be held during 23<sup>rd</sup>- 24<sup>th</sup> December, 2019 at New Delhi–Agenda for 1<sup>st</sup> day- Reg.**

Sir,

1. The undersigned is directed to inform you that the project proposals, as mentioned in the enclosed Agenda for 14<sup>th</sup> Meeting of the Reconstituted Expert Appraisal Committee for Industry - 1 Projects, scheduled to be held during **23<sup>rd</sup> -24<sup>th</sup> December, 2019** will be considered for appraisal. Venue shall be at **Teesta Conference Hall, Vayu Block, Indira ParvavaranBhawan, JorBagh, New Delhi -110003.**
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 documents –Hard and Soft Copies to the Chairman/members of the Expert Appraisal Committee by e-mail so as to reach the members well in time. Names and addresses of the Chairman/Members are enclosed for necessary action. All the documents including the hard copy of the presentation material should be legible and printed on both sides on ordinary paper. It is also requested to indicate the item number of the agenda while circulating the documents.
3. Please avoid delivery of documents by hand and seeking meeting with Chairman/Members in this regard. A copy of this letter may be enclosed as a reference while mailing the documents to the Chairman/Members.
4. It may be ensured that the Members receive the requisite documents in hard and soft copy pertaining to the projects latest by **22/12/2019 positively.** **Failing which the Committee will not consider the project.**
5. Further, it is requested that the project proponent or his/her authorized representative should attend the presentation meeting of EAC. **You may also depute your senior officers from the company in the capacity who can take decisions** (preferably not more than two representatives) and make a presentation on your behalf on the salient features of the project, the related environmental issues, proposed Environmental

Management Plan and respond to the queries/suggestions which Committee may raise during the discussions.

6. Any changes/modification with respect to the Agenda, Venue etc., 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. A line in confirmation regarding participation of your senior representative who is authorized to take decisions in the meeting will be appreciated. It may be noted that **only the EIA Coordinator** who has already been accredited with Quality Council of India and his name is in the latest list can only accompany the proponent in the meeting.
8. It is requested that one 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 be hand over at the time of meeting.
9. **Kindly send a brief write up (Format enclosed as Annexure – 1) of project/executive summary of the project (maximum two pages, paragraphs in word format) and the name of the consultant with the Sl. No. in the QCI list and in case of all the EC proposals, duly filled in Form-2 in a week's time by e-mail to the following addresses:**

[dirind-moefcc@gov.in](mailto:dirind-moefcc@gov.in)

[r.sundar@nic.in](mailto:r.sundar@nic.in)

[rs.ratti@gov.in](mailto: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 HARD/ SOFT COPIES**

<b>S.No.</b>	<b>Name &amp; Address</b>	<b>Position</b>
1.	<b>Dr. ChhaviNath Pandey, IFS(Retired), (Former PCCF&amp;HoFF, Gujarat)</b> House No. 726 B, Sector-8(C), (Behind Gandhinagar Samachar), Gandhi Nagar, Gujarat – 382007 E-mail: <a href="mailto:cnpandey@iitgn.ac.in">cnpandey@iitgn.ac.in</a>	Chairman
<b>Members</b>		
2.	<b>Director, Central Pulp and Paper Research Institute (CPPRI),</b> Paper Mill Road, Himmat Nagar, Saharanpur, Uttar Pradesh- 247001 E-mail: <a href="mailto:director.cppri@gmail.com">director.cppri@gmail.com</a>	Member
3.	<b>Director General of Meteorology, Indian Meteorological Department (IMD),</b> MausamBhawan, Lodhi Road, New Delhi – 110003 E-mail: <a href="mailto:siddhartha.singh74@gmail.com">siddhartha.singh74@gmail.com</a>	Member
4.	<b>Dr. G.Bhaskar Raju, [Former Chief Scientist, National Metallurgical Laboratories (NML)],</b> Flat No 2H, ASV Sunrise Apartments, No.3, Padmavathi Avenue, Tirumalainagar Annex, Perungudi, Chennai – 600 096. E-mail: <a href="mailto:gbraju55@gmail.com">gbraju55@gmail.com</a>	Member
5.	<b>Dr. JagdishKishwan, IFS (Retired) (Former Additional Director General, Ministry of Environment Forest &amp; Climate Change)</b> SrishtiParsvanath Prestige II, Tower 8, Flat-101, Sector 93-A, NOIDA- 201304 E-mail: <a href="mailto:jkishwan@gmail.com">jkishwan@gmail.com</a>	Member
6.	<b>Dr. G.V.Subramanyam, (Former Advisor, Ministry of Environment Forest &amp; Climate Change)</b> C-22, KendriyaVihar, Sector 51, Noida – 201301. Uttar Pradesh. E-mail: <a href="mailto:sv.godavarthi@gmail.com">sv.godavarthi@gmail.com</a>	Member
7.	<b>Shri. Ashok Upadhyaya, Technology Expert (Environment),</b> B10/7052, Vasant Kunj, New Delhi -110070. E-mail: <a href="mailto:ahupadhy@rediffmail.com">ahupadhy@rediffmail.com</a>	Member

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

## AGENDA

### 14<sup>TH</sup> MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE – INDUSTRY 1 SECTOR TO BE HELD ON 23<sup>RD</sup>-24<sup>TH</sup> DECEMBER, 2019

24<sup>th</sup> December, 2019

**VENUE:** Conference Hall (TEESTA), VayuBlock, Indira ParyavaranBhawan,  
JorBagh, New Delhi-110003

**TIME:** 10:00 AM

- 14.14 Enhancement of production capacity 0.6 MTPA to 0.69 MTPA Iron Ore, pellet Plant of **M/s Ardent Steel Ltd** located at Village Phuljhar District Keonjhar, **Odisha**- [Online Proposal No. **IA/OR/IND/124925/2019**; File No. **J-11011/112/2013-IAII(I)**]-**Environment Clearance** – regarding.
- 14.15 Proposed Expansion of Pellet Plant with Beneficiation (1800 TPD to 4800 TPD), DRI Plant (300 TPD to 1000 TPD), SMS Plant (0.1 MTPA to 0.3 MTPA), Captive Power Plant (12 MW to 38 MW) and Rolling Mill (0.25 MTPA) of **M/s Shri Mahavir Ferro Alloys Pvt. Ltd.** located at Jiabahai, Kalunga Industrial Estate, Kalunga, Dist-Sundargarh, **Orissa**--[Online Proposal No. **IA/OR/IND/5857/2007**;File No. **J-11011/606/2007-IAII(I)**]-**Environment Clearance** – regarding
- 14.16 Capacity expansion from 4,20,000 TPA to 5,04,000 TPA in Hydro-I Hydro-II Zinc Smelter through debottlenecking of **M/s Hindustan Zinc Ltd.**, located at Chanderiya Lead Zinc Smelter, P.O: Putholi, District Chittorgarh, **Rajasthan**- [Online Proposal No. **IA/RJ/IND/124999/2019**; File No. **J-11011/279/2006-IAII(I)**]- Prescribing of **Application under Para 7(ii) of EIA Notification, 2006 for Environment Clearance** – regarding.
- 14.17 Greenfield Steel Plant (Pellet Plant- 600000 TPA, DRI plant 420000 TPA, Billet Making using Induction Furnaces-400000 TPA, Automotive Components Manufacturing Facility120000 TPA using Billets, Ferroalloy Plant-52000 TPA, and Captive Power Plant- 34 MW using WHRB and AFBC) by **M/s. Pushp Steels & Mining Private Limited** located at Borai Industrial Growth Centre, Rasmara, District Durg, **Chhattisgarh** [Online proposal No. **IA/CG/IND/85734/2018**; MoEF&CC File No. **J-11011/393/2018-IA-II(I)**] – **Environment Clearance** - regarding.
- 14.18 Proposed Expansion & modernization of our Blast Furnace & Ductile Iron Pipe Plant of **M/s Electrosteel Casting Ltd.** located at 30. B.T. Road, Khardha, Dist North 24 Parganas, **West Bengal**-[Online Proposal No. **IA/WB/IND/130437/2019**; MoEF&CC File No. **J-11011/416/2019- IAI(I)**] – Prescribing of Terms of Reference – regarding.
- 14.19 Expansion of Steel Industry from 170,000 TPA to 2,30,000 TPA of Rolled Steel of **M/s. Aarti Steels Limited** located at Ludhiana, District- Ludhiana, **Punjab**- [Online

Proposal No. **IA/PB/IND/130267/2019**; MoEF&CC File No. **J-11011/417/2019-IAII(I)**] – Prescribing of Terms of Reference – regarding.

- 14.20 Greenfield Copper Refinery Plant (1.0 MTPA) project of **M/s Adani Enterprises Limited** located at Adani Ports and Special Economic Zone land in village(s) Siracha and Navinal, Taluka Mundra, District Kutch, **Gujarat** – [Online Proposal No. **IA/GJ/IND/86812/2016**; MoEF&CC File No. **J-11011/113/2016-IAII(I)**]- **Reconsideration – Site Visit Report - Environmental Clearance** - regarding.
- 14.21 **M/s Chromeni Steels Pvt Ltd** located at village Kundrodi, Mundra, District Kutch, **Gujarat- Applicability of Environmental Clearance** for Cold Rolling Mill – Based on Site Visit Report of Group of Experts (GoE)- Regarding.

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**Format for Brief Write-Up (Environment Clearance)**

1. The ..... of M/s ..... located in Village ....., Tehsil ....., District

....., State..... was initially received in the Ministry on .....20... for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The project was appraised by the Expert Appraisal Committee (Industry) [EAC(I)] during its .....th 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 on .....20.... 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 on .....201..... vide Online Application No.....

3. The project of M/s.....located in .....Village , .....Tehsil , .....District,

.....State is for setting up of a new ..... for production of .....million tones per annum (million TPA) of ...../ enhancement of production of ..... from..... to .....million 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 is .....ha, out of which .....ha is an agricultural land, ...ha is grazing land and .....ha 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 between ....0 ..'.." to .. 0 ..'.." N Latitude and ..0 ..'.." to ..0 ..'.." E Longitude in Survey of India topo sheet No. ...., at an elevation of .....m 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 be .....m. 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 .....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. ....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/m<sup>3</sup> to .....µg/m<sup>3</sup>), PM2.5 (..... to .....µg/m<sup>3</sup>), SO<sub>2</sub> (..... to ..... µg/m<sup>3</sup>) and NO<sub>x</sub> (..... to ..... µg/m<sup>3</sup>). The results of the modeling study indicates that the maximum increase of GLC for the proposed project is ..... µg/m<sup>3</sup> with respect to the PM10,..... µg/m<sup>3</sup> with respect to the SO<sub>2</sub> ..... µg/m<sup>3</sup> with respect to the NO<sub>x</sub>.
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/m<sup>3</sup> 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 on .....20.. at.....under the chairmanship of .....(designation) for production of .....million TPA of ...../ setting up of....plant, under the ..... The issues raised during public hearing are..... An amount of .....Lakhs (.....% 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 on .....technology. The project proponent submitted an application in the prescribed format along with Form-1 and other reports to the Ministry online on .....201..... vide Online Application No. ....
2. The existing project was accorded environmental clearance vide lr.no. .... dated.....Consent to Operate was accorded by .....State 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 is .....Ha out of which ..... ha is an agricultural land, ...ha is grazing land and .....ha 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 the .....is .....million 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 treated .....and 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. Status of Implementation of the earlier EC facilities and schedule of completion of balance facilities in case of Extension of validity of EC.
3. Impact prediction and management plan along with fund provision for the proposed amendment (in case of amendment)
4. Amendment required. (In case of amendment)

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

- i. Details of the existing Environmental Clearances (ECs) obtained.
- ii. Implementation status of the existing Environmental Clearances.
- iii. Validity extension if any, obtained for the existing ECs.
- iv. Details of the earlier Public consultation conducted along with its proceedings.
- v. Summary of issues raised during the earlier Public Consultation and its implementation status.
- vi. Certified compliance report of existing environmental clearances from the concerned Regional Office of the MoEF&CC.
- vii. Closure report of Regional Office in case of non-compliances observed in the certified compliance report.
- viii. Existing baseline conditions based on the periodic environmental monitoring program
- ix. Proposed Expansion or Modernization or Change of product mix vis-à-vis with granted EC capacity along with percentage of increase in production.
- x. Technology details of the Units
- xi. Proposed plant lay out vis-à-vis with layout for which Environmental Clearance was granted.
- xii. Proposed resources requirement (Land/raw materials/water/power) vis-à-vis with granted Environmental Clearance
- xiii. Pollution load quantification (Air/Water/Solid & hazardous waste/traffic) vis-à-vis with granted Environmental Clearance
- xiv. AAQ modelling predicting maximum Ground Level Concentration vis-à-vis with GLCmax for which Environmental Clearance was granted.
- xv. Environmental Management Plan for the proposed Expansion or Modernization or Change of product mix along with budget provision for implementation.

- xvi. Risk assessment with mitigation measures if any, required for the proposed Expansion or Modernization or Change of product mix.
- xvii. Proposed Corporate Environment Responsibility activities for the additional investment proposed.
- xviii. Project cost
- xix. Litigation if any, pending in any Court related to the project (or) activity.
- xx. Details of show cause notices/direction if any, issued under Air Act, Water Act and Environment (Protection) Act, 1986.

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