

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

**Indira Paryavaran Bhawan**  
**JorBagh Road, Aliganj,**  
**New Delhi – 110003**  
**Dated: 17<sup>th</sup> August, 2021**

**To**

**As per list enclosed.**

**Subject: 43<sup>rd</sup> Meeting of the Re-Constituted Expert Appraisal Committee of Industry–1 sector project to be held during 27<sup>th</sup> August, 2021– Agenda - 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 43<sup>rd</sup> meeting scheduled to be held on **27<sup>th</sup> August, 2021 through video conferencing (VC) in view of the ongoing Corona Virus Disease (Covid-19) issue. You are also requested to send your consent to attend the VC by 20/08/2021. 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 20/08/2021. 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 **20/08/2021 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](http://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 ToR's preferably not exceeding 25-30 slides to the following email address as well as to the EAC members by 20/08/2021. A copy of the template for EC and ToR presentation is enclosed.** 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](mailto:dirind-moefcc@gov.in)  
[r.sundar@nic.in](mailto:r.sundar@nic.in)  
[m.phulwaria@gov.in](mailto:m.phulwaria@gov.in)  
[gupta.vipin@gov.in](mailto:gupta.vipin@gov.in)

Encl: as above.

Yours faithfully,  
Sd/-

(Sundar Ramanathan)  
Scientist 'E'

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

S.No.	Name & Address	Position
1.	<b>Dr. Chhavi Nath 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: cnpandey@iitgn.ac.in	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: mkg_cppri@rediffmail.com director.cppri@gmail.com	Member
3.	<b>Director General of Meteorology, Indian Meteorological Department (IMD),</b> Mausam Bhawan, Lodhi Road, New Delhi – 110003 E-mail: siddhartha.singh74@gmail.com	Member
4.	<b>Dr. Jagdish Kishwan, 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: jkishwan@gmail.com	Member
5.	<b>Dr. Tejaswini AnanthKumar</b> Residence-84, Ranoji Rao Road, Basavanagudi, Bengaluru – 560 004 Tel: 080-26568484; Email: tejaswini.acf@gmail.com	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: sv.godavarthi@gmail.com	Member
7.	<b>Shri. Ashok Upadhyaya, Technology Expert (Environment),</b> B10/7052, Vasant Kunj, New Delhi -110070. E-mail: ahupadhy@rediffmail.com	Member
8.	<b>Shri. Rajendra Prasad Sharma,</b>	Member

S.No.	Name & Address	Position
	<b>Expert (Energy &amp; Environment),</b> 4528, Achiever's Villa, Kalindi Hills, Sector49, Faridabad- 121001, Haryana E-mail: <a href="mailto:rpsh3@hotmail.com">rpsh3@hotmail.com</a>	
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.gopichandran61@gmail.com">r.gopichandran61@gmail.com</a>	Member
12.	<b>Shri Jagannadha Rao Avasarala,</b> <b>Environment Expert,</b> 49-37-8/1, NGGO Colony, Akkayyapalem, Visakhapatnam – 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 Control Board),</b> WZ 169, B 1 <sup>st</sup> Floor, Street No. 5, Veerender Nagar, New Delhi – 1110058. E-mail: <a href="mailto:kamyotra@yahoo.co.in">kamyotra@yahoo.co.in</a>	Member
14.	<b>Shri. Sundar Ramanathan,</b> Scientist 'E' Indira Paryavaran Bhawan JorBagh Road, Aliganj, New Delhi, E-mail: <a href="mailto:dirind-moefcc@gov.in">dirind-moefcc@gov.in</a> ; <a href="mailto:r.sundar@nic.in">r.sundar@nic.in</a>	Member-Secretary

**AGENDA**  
**43<sup>RD</sup> MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE –**  
**INDUSTRY 1 SECTOR TO BE HELD ON 27<sup>TH</sup> AUGUST, 2021**

**Time schedule: 10.30Hrs to 13.30 Hrs**

- 43.7 Proposed Greenfield Cement Plant of capacity 2.0 MTPA clinker and 3.0 MTPA Cement, 7 MW Waste Heat Recovery Plant and 43 MW Thermal Power Plant by **M/s. Nuvoco Vistas Corp. Limited** located at Village Ruvur, Taluka Chittapur, **District Kalaburgi, Karnataka** [Online Proposal No. IA/KA/IND/118234/2019, File No. J-11011/306/2019-IA.II(I)] – **Environment Clearance– regarding.**
- 43.8 Expansion of existing Sponge Iron Plant production capacity from 1,05,000 TPA to 2,50,000 TPA & Power generation through WHRB from 8 MW to 16 MW, installation of SMS with Induction Furnace, LRF & CCM to produce M.S. Billets of 2,50,000 TPA, Rolling Mill to produce 2,50,000 TPA of Wire Rods/TMT bars, Pellet plant of 0.6 mtpa & CFBC based Power plants of 2x16 MW by **M/s. MGM Minerals Limited (Steel Division)** located at Nimidha, Haldiabahal & Uparpal Villages, P.S. Motanga, Odapada Tehsil, **Dhenkanal District, Orissa** [Online Proposal No. IA/OR/IND/5005/2007; File No: J-11011/438/2007-IA.II(I)] – **Reconsideration for grant of Environment Clearance based on ADS reply– regarding.**
- 43.9 Setting up of a Greenfield Integrated Steel Plant of 0.7 MTPA with Captive Power Plant of 70 MW by **M/s. Spintech Tubes Private Limited (STPL)** at Village Dhasal, Mamudpur & Bahadurpur, Tehsil Jamuria, **District Paschim Bardhaman, West Bengal** [Online Proposal No. IA/WB/IND/78705/2018; File No. J-11011/295/2018-IA.II (I)] – **Reconsideration for grant of Environment Clearance based on ADS reply – regarding.**

**Time schedule: 14.00 Hrs to 17.30 Hrs**

- 43.10 Proposed Green Field metallurgical unit for Sponge Iron: 1,80,000 TPA (DRI Kiln: 1x550 TPD), Billets or TMT: 2,16,000 TPA along with Captive Power Plant: 20 MW by **M/s. Fuletra Steel LLP** located at Village Khijadiya, Tehsil Wankaner, **District Morbi, Gujarat** [Online Proposal No. IA/GJ/IND/222781/2021; file no: IA-J-11011/317/2021-IA-II(IND-I)] – **Prescribing for Terms of Reference– regarding.**
- 43.11 Greenfield Integrated Steel project comprising of Establishment of Iron ore beneficiation (20,00,000 TPA), Pellet Plant (15,00,000 TPA), Sponge Iron (4,62,000 TPA) (DRI Kilns: 4x350 TPD), Induction Furnace (3x30T) with matching LRF & CCM (Billets / Ingots / Hot Billets) (2,97,000 TPA), TMT Bars / Structural Steel (2,10,000 TPA) (Rolling Mill: 1x637TPD), Ferro Alloys Unit 2x9 MVA (FeSi-14,000 TPA / FeMn-50,400 TPA / SiMn-28,800 TPA / FeCr-30,000 TPA), WHRB based Power Plant –32.0 MW (4x38 TPH), FBC based Power Plant - 43 MW (1x210 TPH) & Brick Manufacturing unit (65,000 Bricks / Day)] by **M/s. Nisarg Ispat Private Limited** located at Ghotpal Village, Geedam Tehsil, **Dantewada District, Chhattisgarh** [Online Proposal No. IA/CG/IND/224398/2021; file no: J-11011/320/2021-IA.II(IND1)] – **Prescribing of Terms of Reference– regarding.**
- 43.12 Establishment of Iron ore beneficiation of 1.5 MTPA capacity, Pellet Plant of 1.2 MTPA capacity, 3 x 600 TPD DRI Kilns to produce 5,94,000 TPA of Sponge Iron, 8 x 20 T of Induction Furnaces with matching LRF & CCM to produce 4,22,400 TPA of Billets / Ingots / Hot Billets, 1x1000 TPD of Rolling Mill to produce 3,30,000 TPA

of TMT Bars / Structural Steel, 2 x 18 MVA of Ferro Alloy Unit to produce FeSi-30,000 TPA / FeMn 95,040 TPA / SiMn-64,800 TPA/ FeCr-64,800 TPA/ Pig Iron-95,040 TPA), WHRB based Power Plant - 45 MW & CFBC based Power Plant – 20 MW by **M/s. Vrajesh Steels Private Limited** located at Kohadiya Village, Berla Tehsil, **Bemetara District, Chhattisgarh** [Online Proposal No. IA/CG/IND/224755/2021; file no: IA-J-11011/287/2021-IA-II(I)] – **Prescribing of Terms of Reference– regarding**

43.13 Establishment of Greenfield Cement Plant Clinker: 3.15 MTPA Cement: 2.0 MTPA Power: Captive Coal based Thermal Power Plant; 50 MW (2 X 25 MW) by **M/s. Ramco Cements Limited** at Kalvatala Village, Kolimigundla Mandal, Kurnool District, Andhra Pradesh [Online Proposal No. IA/AP/IND/ 224152/2021, MoEF&CC File No. IA-J-11011/135/2017-IA-II(I)] – **Amendment in the environmental clearance regarding limestone transportation – reg.**

43.14 Any other item with the permission of the Chair

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

1. M/s ..... has made an online application vide proposal no. ....dated ..... along with copy of EIA/EMP report and Form – 2 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. .... 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
	..... meeting of EAC held on .....	Terms of Reference	
	..... meeting of EAC held on .....	Amendment (if any)	

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

4. Environmental site settings

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.		
iv.	Latitude and Longitude of the project site		
v.	Elevation of the project site		
vi.	Involvement of Forest land if any.	Status of stage I Forest Clearance:	
vii.	Water body exists within the project site as well as study area	<b><u>Project site:</u></b> Name  <b><u>Study area</u></b> Name with distance	Authenticated HFL data of the water body shall be furnished.
viii.	Existence of ESZ/ESA/national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant	<b><u>Study area</u></b> Name with distance  Status of NBWL approval:	

S.No.	Particulars	Details	Remarks
	reserve etc. if any within the study area		

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

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

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 and clause 7(ii) cases] and proposed project is given as below:

S.No.	Name	Existing Units		Proposed Units		Total (Existing +Proposed)	
		Configur ation	Production TPA	Configurat ion	Production TPA	Configuration	Production TPA

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

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

9. The water requirement for 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. ....dated.....

10. The power requirement for the project is estimated as .....MW, out of which .....MW will be obtained from the .....

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

Period	.....
AAQ parameters at ..... locations	PM <sub>2.5</sub> = ..... to ..... µg/m <sup>3</sup> PM <sub>10</sub> = ..... to ..... µg/m <sup>3</sup> SO <sub>2</sub> = ..... to ..... µg/m <sup>3</sup> NO <sub>2</sub> = ..... to ..... µg/m <sup>3</sup> CO = ..... to ..... mg/m <sup>3</sup>
AAQ modelling (Incremental GLC)	PM <sub>10</sub> =..... µg/m <sup>3</sup> SO <sub>2</sub> = ..... µg/m <sup>3</sup>



	NO <sub>x</sub> = ..... µg/m <sup>3</sup> CO = ..... mg/m <sup>3</sup>
Ground water quality at ..... locations	pH: ....to....., Total Hardness: ....to..... mg/l, Chlorides: ..... to ..... mg/l, Fluoride:....to ..... mg/l. Heavy metals are within the limits.
Surface water quality at ..... locations	pH: .....to .....; DO: ....to..... mg/l and BOD: .....mg/l. COD from.....to.....mg/l
Noise levels	..... to ..... for the day time and ..... to ..... for the Night time.
Traffic assessment study findings	
Flora and fauna	Presence of schedule I fauna if any. If yes, status of site-specific wildlife conservation plan

12. The details of solid and hazardous waste generation along with its mode of treatment/disposal is furnished as below:

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

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

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

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

S.NO	Concerns raised during the Public Hearing	Physical activity and action plan	Tentative Budget, Rs Lacs	Target date for implementation of action plan
1.				

14. The capital cost of the 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)	
		Capital Cost	Recurring Cost
i.	Air Pollution Control/Noise		
ii.	Water Pollution Control		
iii.	Environmental Monitoring and Management		
iv.	Green Belt Development		
v.	Addressal of Public Consultation concerns		

15. Greenbelt will be developed in ..... ha which is about .....% of the total project area. A ----m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 2500 trees per hectare. Total no. of ..... saplings will be planted and nurtured in ..... hectares in ..... years.

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

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

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

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

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

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

20. **Certified compliance report from Regional Office** *[Only for expansion and clause 7(ii) cases]*

The Status of compliance of earlier EC was obtained from Regional Office, ..... vide letter no. ...., dated ..... in the name of M/s. .... The Action taken report regarding the partially/non-complied condition was submitted to Regional officer MoEF&CC, ..... vide letter no. .... dated ..... MoEF&CC (RO), ..... evaluated the same and has issued letter dated ..... The details of the observations made by RO in the report dated ..... along with its re-assessment / present status as furnished by the PP is given as below.

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

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### **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 of the EIA Notification, 2006 and attracts general condition due to..... (if applicable) being appraised at Central Level.
2. The project of M/s.....located in .....Village , .....Tehsil , .....District,.....State is for setting up of a new ..... for production of .....Million Tons Per Annum (MTPA)/ enhancement of production of ..... from..... to .....MTPA.

#### 3. Environmental site settings

S.No.	Particulars	Details	Remarks
i.	Total land	----- ha [Private: ---- ha; Govt:---- ha; Agriculture: ---- ha; and Grazing land:- ----]	Land use:
ii.	Existence of habitation & involvement of R&R, if any.		
iii.	Latitude and Longitude of the project site		
iv.	Elevation of the project site		
v.	Involvement of Forest land if any.	Status of stage I Forest Clearance:	
vi.	Water body exists within the project site as well as study area	<b><u>Project site:</u></b> Name  <b><u>Study area</u></b> Name with distance	Authenticated HFL data of the water body shall be furnished.
vii.	Existence of ESZ/ESA/national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. if any within the study area	<b><u>Study area</u></b> Name with distance  Status of NBWL approval:	

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

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

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

S.No.	Name	Existing Units		Proposed Units		Total (Existing +Proposed)	
		Configur ation	Production TPA	Configurat ion	Production TPA	Configuration	Production TPA

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

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

8. The water requirement for 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. ....dated.....
9. The power requirement for the project is estimated as .....MW, out of which .....MW will be obtained from the .....
10. The capital cost of the project is Rs.....Crores and the capital cost for environmental protection measures is proposed as Rs.....Crores. The employment generation from the proposed project / expansion is..... Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.
11. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.
12. Name of the EIA consultant: M/s .....[S.No. ...., List of ACOs with their Certificate / Extension Letter no. Rev. ...., .....].

13. Proposed Terms of Reference (*Baseline data collection period: -----*)

Attributes		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				

Attributes		Sampling		Remarks
a. Soil quality				
b. Land use				
E. Biological				
a. Aquatic				
b. Terrestrial				
F. Socio-economic parameters				

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

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. Configuration & capacity change granted in EC/ToR vis-a-vis with the proposed EC/ToR
3. In case of other changes, details as per the granted EC/ToR vis-à-vis proposed changes
4. Reason for seeking amendment in EC/ToR and validity extension of EC.
5. Implementation status of the existing EC (*Only of EC validity extension proposals*)

Sl. No.	Facilities	Units	As per EC dated -----	Implementation Status as on -----	Consent (CTE/CTO)

6. Schedule of completion of balance facilities envisaged under the EC (*Only of EC validity extension proposals*)
7. Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.

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# NAME OF THE PROJECT

**EAC MEETING DETAILS &  
AGENDA NO.**

**PROPOSAL NO.  
FILE NO.**

- **NAME OF THE PROJECT  
PROPONENT WITH ADDRESS**

- **NAME OF THE CONSULTANT**
- **NABET REGISTRATION NO.**
- **VALIDITY**

# 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	

# LOCATION MAP



LINK FOR KML FILE & GOOGLE EARTH IMAGE

# TOPOGRAPHICAL MAP

# LAND ALLOTTED/ACQUISTION STATUS

# PREVIOUS EC DETAILS

(In case of Expansion Projects)

- EC granted on

Facilities envisaged	Consent status (CTE/CFO)	Implementation status	Remarks

# Compliance status of existing unit

- Certified report issued on

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

# 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	

# EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

# PLANT LAY OUT

(Please provide Approved to the scale engineering drawing)



# RAW MATERIAL CONSUMPTION

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

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

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

# WATER BALANCE DIAGRAM

# Materials Balance Diagram

# BASE LINE STUDY AREA MAP WITH LOCATIONS

# METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

# BASE LINE STUDY REPORTS

<b>PERIOD</b>	
<b>AAQ PARAMETERS AT ..... LOCATIONS</b>	$PM_{2.5}$ = ..... $\mu g/m^3$ $PM_{10}$ = ..... $\mu g/m^3$ $SO_2$ = ..... $\mu g/m^3$ $NO_2$ = ..... $\mu g/m^3$ $CO$ = ..... $mg/m^3$ Any other relevant parameter
<b>AAQ MODELLING* (Incremental GLCs)</b>  <b>Please specify model used.</b>	$PM$ = ..... $\mu g/m^3$ (Distance and Direction) $SO_2$ = ..... $\mu g/m^3$ (Distance and Direction) $NOx$ = ..... $\mu g/m^3$ (Distance and Direction)
<b>GROUND WATER QUALITY AT ..... LOCATIONS</b>	pH: ....., Total Hardness: ..... $mg/l$ , Chlorides: ..... $mg/l$ , Fluoride: ..... $mg/l$ . Heavy metals ..... Any other relevant parameter
<b>SURFACE WATER QUALITY AT.....LOCATIONS</b>	pH: ....., DO: ..... $mg/l$ , BOD: ..... $mg/l$ & COD: ..... $mg/l$ . Any other relevant parameter
<b>NOISE LEVELS AT.....LOCATIONS</b>	..... to ..... $dba$ for day time and ..... to ..... $dba$ for night time.

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

(Please include type of road and PCU limit)

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)		



# Isopleths

# PUBLIC CONSULTATION PHOTOGRAPHS

# 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 .....

# ACTION PLAN TO ADDRESS PH ISSUES

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

# EMP – AIR (Construction/Operation)

# EMP – NOISE (Construction/Operation)

# EMP – WATER (Construction/Operation)

# EMP at site during Construction

Shall provide site management plan for management of fugitive emissions during construction covering responsible person's contact details, communication protocol details, site preparation and setting up measuring stations at plant boundary, inspection of site by project authorities and district authorities, complaint registration and response mechanism & record keeping and display of pollution level at site entry point/gate. Mitigation measures including water fogging and air curtains and restoring back the site surroundings after completion of construction. Shall also be provided with project time frame.



# EMP – GREEN BELT (Construction/Operation)

# EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

SL. NO .	TYPE OF WASTE	Source Name	QUANTITY (TPA)			Treatment before disposal	MODE OF DISPOSAL	AGREEM ENT DETAILS FOR DISPOSAL
			EXISTING	PROPOSE D	TOTAL			
1	Slag	BF				Steam weathering		

# 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)	

# RISK ASSESSMENT FINDINGS AND ITS MITIGATION

# ENERGY and Water CONSERVATION MEASURES

ANY OTHER RELEVANT INFORMATION

# DIRECTION/COURT CASE/LITIGATION

# NAME OF THE PROJECT

**EAC MEETING DETAILS &  
AGENDA NO.**

**PROPOSAL NO AND SUBMISSION  
DATE**

- NAME OF THE PROJECT  
PROPONENT WITH ADDRESS

- NAME OF THE CONSULTANT
- NABET REGISTRATION NO.
- VALIDITY



# 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	

# LOCATION MAP

LINK FOR KML FILE

# ALTERNATE SITE ANALYSIS

(In case of green-field project)

PARAMETERS	SITE 1	SITE 2	SITE 3	SELECTED SITE WITH JUSTIFICATION

# 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***

# 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	

# PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

NAME OF THE FACILITY	CONFIGURATION	CAPACITY (TPA)

# PLANT LAYOUT



# RAW MATERIAL CONSUMPTION

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

# FUEL, POWER & WATER CONSUMPTION

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

# 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			

# STUDY AREA MAP WITH LOCATIONS & WIND ROSE

# DIRECTIONS/COURT CASE/LITIGATION

ANY OTHER RELEVANT INFORMATION