

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



Agenda of Expert Appraisal Committee

Meeting ID : IA/IND/13516/07/06/2023

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

Meeting Type : Video Conference

Agenda Generation Date : 05-06-2023

The following proposals are being considered for deliberation in the Expert Appraisal Committee as per the schedule given below:

Meeting Schedule:

S.No	Meeting date	Time (From)	Time (To)
1	07 Jun 2023	10:30 AM	16:30 PM

Date of Meeting: 07-06-2023

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1		IA-J- 11011/547/2 010-IA- II(IND-I)	Expansion of Existing Cement Grinding Unit from 2.4 to 4.0 MTPA at Village- Jala Dhulagori, Tehsil-Sankrail, District- Howrah (West Bengal) by M/s. Ambuja Cements Limited (Unit: Sankrail).	AMBUJA CEMENT LIMITED	Tehsil: District: State: West Bengal	EC
2		IA-J- 11011/310/2 019-IA- II(IND-I)	Expansion in Existing Sponge Iron Plant (2 x 100 TPD) by addition of 350 TPD DRI Kiln, SMS Unit(1,35,000 TPA), Rolling Mill (1,20,000 TPA), Sinter Plant (90,000 TPA), Ferro Alloy Plant (2 x 9 MVA SAF and 2 x 12 MVA SAF) and Captive Power Plant (WHRB#13MW and AFBC#9 MW) at Vill.+P.S- Hijalgora, P.O.:- Jamuria, District-West Bardhman, State-West Bengal by M/s M B Sponge and Power Limited	M B SPONGE AND POWER LIMITED	Tehsil: District: State: West Bengal	EC

Any Other Item with Permission of Chairman:

S.N	Proposal	File No.	Proposal Name	Company	Location	Remarks
0	No.		_	Name		

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: 05.06.2023

AGENDA FOR 36th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON 7th JUNE, 2023

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

- 1. It is informed that the 36th Meeting of EAC is scheduled to be held during 7th June, 2023 through Video Conferencing Mode and accordingly all Project Proponents are requested to send all the documents (viz. Presentation, Brief, EIA/EMP Report and other requisite documents) to the EAC/Ministry immediately or latest by 06.06.2023.
- 2. It is requested that the Project Proponent or his/her authorized representative should participate the presentation meeting of EAC through Video Conferencing Mode who can make a presentation on their behalf on the salient features of the project, the related environmental issues, proposed Environmental Management Plan and also respond to the queries/suggestions of the Committee. The name of representatives may be communicated in advance.
- 3. NIC, MoEFCC will moderate the Video Conferencing meeting. The Guidelines related to connecting VC is annexed herewith. PP has to communicate the name of person and his mobile number attending the EAC meeting and be ready before 1 hour of the slot allowed to them. If any problem faced please contact Moderator, NIC (Mobile No. 8800225087, email-support-ipb@nic.in). PP is requested to join the meeting in VC with Agenda No. [(for ex. 36.1 (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. <a href="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 06.06.2023. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action.
- 5. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/email pertaining to the projects latest by <u>06.06.2023</u> 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 06.06.2023. A copy of the template for EC and ToR presentation is enclosed herewith. Further, the nodal officer and consultant contact details (Name, Designation, Mobile and E-mail) for the VC shall also be sent in the format given below:

1		•	

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

- 9. 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 06.06.2023.
- 10. 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.
- 11. 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.
- 12. 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.
- 13. 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.
- 14. 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.
- 15. 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).
- 16. 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.
- 17. Details of project site and it surrounding (0.5-1.0 Km) have to be presented <u>using drone</u> survey before the EAC during appraisal of the projects (TOR & EC).
- 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.

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

(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 36th EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING 7th JUNE, 2023

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

Conferencing Mode

DAY: 7th JUNE 2023 (WEDNESDAY)

Time: 10:30 AM onwards

Consideration in Environmental Clearance Proposals

36.1 Expansion of Existing Cement Grinding Unit from 2.4 to 4.0 MTPA by M/s. Ambuja Cements Limited (Unit: Sankrail), located at Village- Jala Dhulagori, Tehsil-Sankrail, District-Howrah, West Bengal-Consideration of Environmental Clearance

[Proposal No. IA/WB/IND1/415375/2023, File No. IA-J-11011/547/2010-IA-II(IND-I)] [Consultant: M/s Ecomen Laboratories Pvt. Ltd.; Valid upto 09.09.2024]

Re-Consideration in Environmental Clearance Proposals

36.2 Expansion in Existing Sponge Iron Plant (2 x 100 TPD) by addition of 350 TPD DRI Kiln, SMS Unit (1,35,000 TPA), Rolling Mill (1,20,000 TPA), Sinter Plant (90,000 TPA), Ferro Alloy Plant (2 x 9 MVA SAF and 2 x 12 MVA SAF) and Captive Power Plant (WHRB#13MW and AFBC#9 MW) by M/s M B Sponge and Power Limited, located at Village + P.S-Hijalgora, Post Office- Jamuria, District-West Bardhman, West Bengal- Re-Consideration of Environmental Clearance.

[Proposal No. IA/WB/IND1/420182/2023; File No. IA-J-11011/310/2019-IA-II(IND-I)] [Consultant: Grass Roots Research & Creations India (P) Ltd.; Valid upto 15.02.2024]

36.3 Any other item with permission of the Chair.				

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

M/s ha	as made an online application vide proposal no	Dated
along with copy	y of EIA/EMP report, Form and Certified compliance	<u>e report</u> [<mark>Only for</mark>
expansion and clause 7(ii) cases	s/seeking Environment Clearance (EC) under the pro	visions of the EIA
Notification, 2006 for the project	mentioned above. The proposed project activity is liste	ed at schedule no.
(all schedules pertaining to the p	project) Under Category "	." Of the schedule
of the EIA Notification, 2006 an appraised at Central Level.	id attracts general condition due to	<mark>(if <i>applicabl</i>e)</mark> and
	expansion and clause 7(ii) cases Notification, 2006 for the project (all schedules pertaining to the position) of the EIA Notification, 2006 are	M/s

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

	Consideration	Details	Date of accord	ToR Validity
Date of application				
	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. Environmental site settings

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

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

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

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

	Plant				facilities as per EC dated And uent amendment dated(if any)				- Proposed		Final			
			Tot (A+		-	mented (A)	imp	Jn- Ieme d (B)		per TO		nits		sting + oosed)
SI. No.	Equip ment/ Facility	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Remarks

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

9.	Existing Water requirement is	m³/day, water requ	uirement is obtained fr	om and permission
	for the same has been obtained	from vides lette	er no dated	[<mark>Only for expansion and</mark>
	clause 7(ii) cases]. The water requ	uirement for the propos	sed project is estimate	d asm³ /day, out of
	whichm3/day of fresh water	r requirement will be	obtained from the	and the remaining
	requirement ofm3 /day will be	met from the	. The permission for	drawl of groundwater /
	surface water is obtained from	Vide Lr No	Dated	_

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

Baseline Environn	nental Studies (<mark>In case of clause 7(ii) projects from post pr</mark>	<mark>oject monitoring da</mark> ta
Period		Additional study (if any)
AAQ parameters	$PM_{2.5} = To \mu g/m^3$	
at	$PM_{10} = To Mg/m^3$	
Locations (min	$SO_2 =$ to $\mu g/m^3$	
and max)	Nox = To $\mu g/m^3$	
,	$CO = To \mu g/m^3$	
Incremental GLC	PM ₁₀ = μg/m ³ (Level atkm in Direction)	
level	SO ₂ = μg/m ³ (Level atkm in	
	Direction)	
	Nox = µg/m³ (Level atkm in	
	Direction)	
	CO = μg/m³ (Level atkm in Direction)	
Ground water	pH:to, Total Hardness:to mg/l,	
quality at	Chlorides: to mg/l, Fluoride:to	
locations	mg/l. Heavy metals	
Surface water	pH:to; DO:to mg/l and BOD:	
quality at	mg/l. COD fromtomg/l	
locations		
Noise levels Leq	to for the day time and to	
(Day and Night)	for the Night time.	
Traffic	 Traffic study has been conducted at 	
assessment study	NH/SH/MDRwhich is	
findings	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:	
	Road V C Existing LOS	
	(Volume (Capacity V/C	
	in in Ratio	
	PCU/hr.) PCU/hr.)	
	 PCU load after proposed project will 	
	be(Existing) +(Additional) PCU/hr	
	and level of service (LOS) will be:	
	Road V C Proposed LOS	
	(Volume (Capacity V/C Ratio	
	in in	
	PCU/hr.) PCU/hr.)	
	* Note: Capacity as per IRC Guide line for	
	capacity for roads.	
	Conclusion: The level of service will after	
	including additional traffic due to proposed project.	

Flora and fauna	Presence of schedule I fauna and endangered Flora 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	Remarks

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

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

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

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

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

15.	Existing green belt has been developed in ha area which is about% of the total project area of
	ha with total sapling of Trees [Only for expansion and clause 7(ii) cases]. Proposed
	greenbelt will be developed in ha which is about% of the total project area. Thus total of
	ha area (% of total project area) will be developed as greenbelt. Am 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

		years.								
16.	It ha	s been report	ed that following will be re	esource cons	sumption after	the propose	d change: <mark>[In case of</mark>			
	claus	se 7(ii) cases	<mark>only]</mark>		•		<u> </u>			
	Parti	culars	As per EC dated		posed change der para 7(ii))	% increase			
Ī	and				, , , , , , , , , , , , , , , , , , ,					
(Greenbe	elt								
-	Vater									
-	Power									
_	Rawmat									
<u>[</u>	Products	5								
17.	Pollu	ition load asse	essment <mark>[In case of claus</mark>	e 7(ii) cases	only]					
	Parti	culars	As per EC dated		posed change der para 7(ii)	•	% increase			
_	\ir									
_	Vater									
,		and azardous aste								
Ī	raffic lo									
20.	Cert The rega the s	ified complia Status of cor , date rding the pa vide le same and has	sion Letter no; Valid Ince report from Region Inpliance of earlier EC was In the artially/non-complied con In the artially/non-c	al Office [Or as obtained name of M/ ndition was ated	nly for expansion from Regional ssubmitted to submitted to MoEF& details of the	on and claus Office, The Regional CC (RO), observations	vide letter no. Action taken report officer MoEF&CC, evaluated made by RO in the			
S.	No.	Non-	Observation of RO		Condition no.		Re-assessment by			
		compliances	(abridged)	EC date	Specific	General	RO / Response by			
		details					PP			
<u> </u>	Sinform	nation in ohr	analogy [Only for ADC o	00001						
21.										
		•	int-wise reply of ADS is g							
	S No		ADS Point		Reply/R	esponse of	PP			

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

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
	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/slocated inVillage,Tehsil,District,State is for

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 [Priv Agriculture:	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: N Study Area: Habitation	Distance	Status of R&R.	
iv.	Latitude and Longitude of <u>all</u> corners of the project site.	Point	Latitude	Longitude	
V.	Elevation of the project site	m above	mean sea leve	el .	
vi.	Involvement of Forest land if any.	Status of stage Area of the for			
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 Water body	Distance	Direction	Authenticated HFL data of the water body shall be furnished.
viii.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve	Study area Name of the E Status of Noti Distance of pr Authenticated distance of ES	fication: oject from ES map of ES		

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

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

SI. 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:

	given as below.													
	Plant Equipmen t/ Facility		Existing facilities as per EC dated and subsequent amendment dated(if any)					Duan		Fi	nal			
01		Plant To		-	emente d A)		Un- emented (B)	As pe	er CTO		oosed nits		sting + osed)	
SI. No.		Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Remarks

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	Quantity required per annum			Source	Distance	Mode of
	Material	Existing	Expansion	Total		from site (Kms)	Transportation

8.	Existing Water requirement is m ³ /day, water requirement is obtained from and
	permission for the same has been obtained from vides letter no dated [Only for
	expansion]. The water requirement for the proposed project is estimated asm3 /day, out of
	whichm ³ /day of fresh water requirement will be obtained from the and the remaining
	requirement ofm ³ /day will be met from the The permission for drawl of groundwater /
	surface water is obtained from vide Lr. No dated

9.	Existing power requirement of MW is obtained from [Only for expansion]. The power requirement for the proposed project is estimated asMW, out of whichMW will be obtained from the								
10.	D. The capital cost of the project is RsCrores and the capital cost for environmental protection measures is proposed as RsCrores. The employment generation from the proposed project / expansion is								
11.	 Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished. 								
12.		the EIA consultant: e / Extension Letter no			-	•	s with their		
13.	Proposed	Terms of Reference (Baseline data	collection p	oeriod:)			
		Attributes	Param		Samı		Remarks		
	A. Air				No. of stations	Frequency			
	a. Meteo	•							
-		parameters							
ŀ	B. Noise								
ŀ	C. Water								
-									
	quality pa	water/Ground water							
-	D. Land	Tarrictors							
ŀ	a. Soil qu	ıality							
	b. Land	•							
ŀ	E. Biolog								
	a. Aquat								
	b. Terres								
İ		-economic							
	param								
_			y [Only for AL	OS cases]	l	1	I		
14.	ADS Information in chronology [Only for ADS cases] 14. M/s								
15.		onent submitted the Point- wise reply			ed	uploaded on	PARIVESH		
	S No	ADS Poi			Reply/Resp	onse of PP			
		<u>I</u>							

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

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	

LOCATION MAP

Slide no. 4

LINK FOR KML FILE & GOOGLE EARTH IMAGE

Slide no. 5		
	TOPOGRAPHICAL MAP	
		5
Slide no. 6		
	LAND ALLOTTED/ACQUISTION STATUS	
		6

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

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Slide no. 8

Compliance status of existing unit

• Certified report issued on

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

Slide no. 9

ENVIRONMENTAL SITE SETTINGS

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

Slide no. 10

EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

PLANT LAY OUT

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Slide no. 12

RAW MATERIAL CONSUMPTION

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

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

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

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Slide no. 14

WATER BALANCE DIAGRAM

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Slide no. 15

BASE LINE STUDY AREA MAP WITH LOCATIONS

Slide no. 16

METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

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Slide no. 17

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
	$NO_2 =\mu g/m^3$
	CO =mg/m ³
	Any other relevant parameter
AAQ MODELLING (Incremental GLCs)	PM =µg/m³ (Distance and Direction)
	$SO_2 = \dots \mu g/m^3$ (Distance and Direction)
	NOx = $\mu g/m^3$ (Distance and Direction)
GROUND WATER QUALITY AT	pH:mg/l, Chlorides:mg/l,
LOCATIONS	Fluoride:mg/l. Heavy metals
	Any other relevant parameter
CUREACE WATER QUALITY	711 POP // 9 COP
SURFACE WATER QUALITY	pH:mg/l, BOD:mg/l & COD:
ATLOCATIONS	mg/l. Any other relevant parameter
NOISE LEVELS ATLOCATIONS	todBA for day time and to
	dBA for night time.

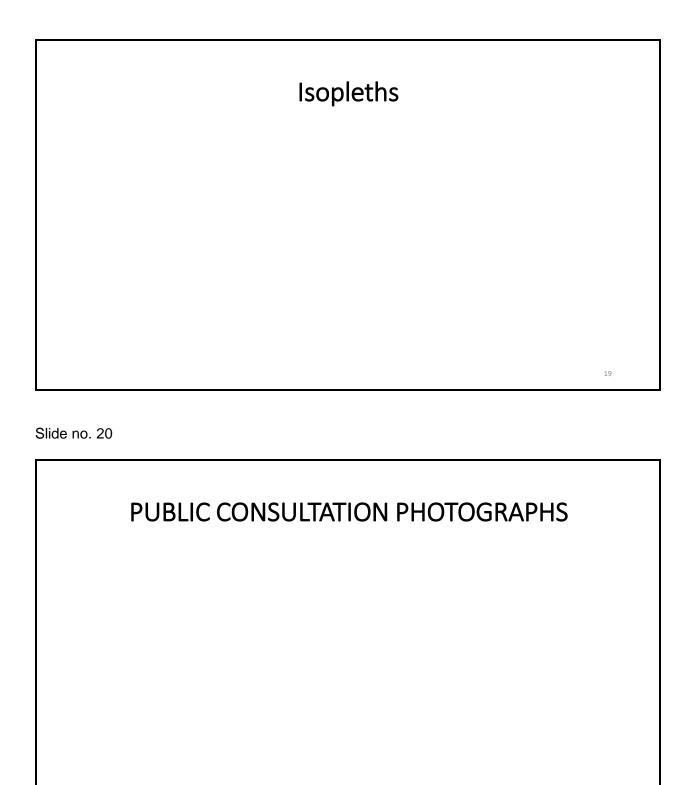
Slide no. 18

TRANSPORTATION PLAN - VEHICULAR TRAFFIC LOAD STUDY AS PER IRC GUIDELINE

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

18

Slide no. 19



PUBLIC CONSULTATION

- Attended by......
- Issues are

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Slide no. 22

ACTION PLAN TO ADDRESS PH ISSUES

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

EMP – AIR (Construction/Operation)

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Slide no. 24

EMP - NOISE(Construction/Operation)

EMP – WATER (Construction/Operation)

23

Slide no. 26

EMP – GREEN BELT (Construction/Operation)

EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

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

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Slide no. 28

POST PROJECT MONITORING

SL. ENVIRONMENT NO /SOCIAL CONTROL MEASURE	COST OF EMP						REMARKS	
	EX	KISTING	PF	ROPOSED		TOTAL		
	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)		

RISK ASSESSMENT FINDINGS AND ITS MITIGATION

29

Slide no. 30

ENERGY CONSERVATION MEASURES

DIRECTION/COURT CASE/LITIGATION

31

Slide no. 32

ANY OTHER RELEVANT INFORMATION

Slide no. 33: TOR wise compliance presentation

Point Wise Standard TOR Compliance	
TOR Point-1: Executive Summary of the Project.	
Reply:	
TOR Point-2: Introduction i) Details of the EIA consultant including NABET accreditation ii) Information about the project proponent iii) Importance and benefits of the project	
Reply:	
And so on	

Slide 34: Details of study of Impact assessment of ground water if ground water requirement is more than 100 KLD in OCS area (Over exploited, semi critical, critical area) permission to groundwater withdrawal should be based on study of Impact assessment of ground water withdrawal and be a part of EIA as per Hon'ble NGT direction in OA N.176 /2015 dated 20.7.2020.

Slide 35: The presentation shall also include details of carbon foot prints and carbon sequestration study w.r.t. proposed project needs to spell out. Proposed mitigation measures also needs to be included in the PPT for appraisal of the EAC.

Slide 36: Other details of Project and critical issues, if any.

Slide No. 1

NAME OF THE PROJECT

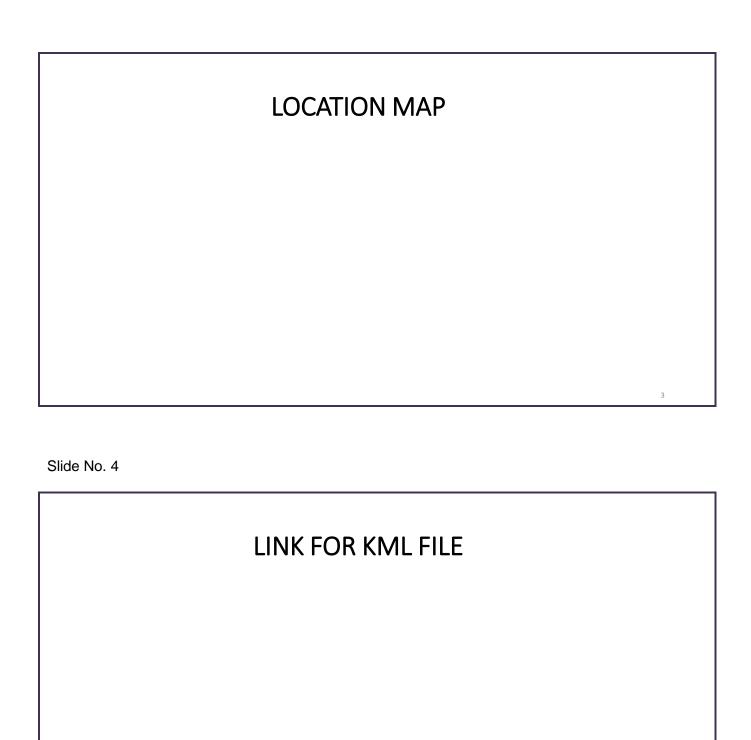
EAC MEETING DETAILS & AGENDA NO.

PROPOSAL NO AND SUBMISSION DATE

- NAME OF THE PROJECT PROPONENT WITH ADDRESS
- NAME OF THE CONSULTANT
- NABET REGISTRATION NO.
- VALIDITY

Slide No. 2

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



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ALTERNATE SITE ANALYSIS

(In case of green-field project)

PARAMETERS	SITE 1	SITE 2	SITE 3	SELECTED SITE WITH JUSTIFICATION

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

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	

Slide No. 8

PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

NAME OF THE FACILITY	CONFIGURATION	CAPACITY (TPA)

PLANT LAYOUT

Slide No. 10

RAW MATERIAL CONSUMPTION

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

FUEL, POWER & WATER CONSUMPTION

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

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Slide No. 12

PROPOSED TOR

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

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STUDY AREA MAP WITH LOCATIONS

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Slide No. 14

DIRECTIONS/COURT CASE/LITIGATION

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ANY OTHER RELEVANT INFORMATION

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

S.	Name & Address	Position
No.		
1.	Shri Rajive Kumar, IFS Retired	Chairman
	B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-	
	226010	
	Email: chairman.eac.ind.1@gmail.com	\/'a - Ob a bos as
2.	Dr. Dipankar Shome	Vice Chairman
	House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra- 440007	
	Email: dshome61@gmail.com	
3.	Dr. S Ranganathan	Member
٥.	120, Third Cross Eleventh Main Grain Merchant Layout	Member
	Kenchanahalli Yelahanka Bengaluru 560064	
	Email: ranganathan.metals@gmail.com	
4.	Dr. Ranjit Prasad	Member
	Associate Professor Department of Mineral Processing	
	Technology, Environmental Quality, EIA Process NIT	
	Jamshedpur	
	Q. No. CF 52, NIT Jameshedpur Campus, PO-NIT, Adityapur,	
	PIN-831014	
	Email: ranjitnitj@gmail.com	
5.	Dr. E V R Raju	Member
	Flat No. 103, Block-8, Divya Shree Shakthi, Mayuri Nagar,	
	Miyapur, Hyderabad-500049, Telangana.	
	Email: rajuevr60@gmail.com	
6.	Dr. S. K. Singh	Member
	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	
7.	Dr. Jai Krishna Pandey	Member
''	Chief Scientist & Head, Mine Fire, Ventilation and Miner's health	Wichibol
	Research Group	
	Room No. TG- 8, Technological Block CSIR- Central Institute of	
	Mining and Fuel Research Barwa Road, Dhanbad-826015	
	(Jharkhand)	
	Email: drjkpandey.eac.industry1@gmail.com	
8.	Dr. Tejaswini Ananthkumar	Member
	84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004	
	tejaswini.acf@gmail.com	
9.	Dr. Hemant Sahasrabuddhe	Member
	LB-53, Housing Board Colony, Laxminagar, Nagpur-440022,	
	Maharashtra, India	
	Email: sshemant 801@rediffmail.com	

S. No.	Name & Address	Position
10.	Dr. S.K. Chaturvedi	Member
	Director General (Actg.),	
	(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,	Member
	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	
12.	Dr. Sanjay Bist,	Member
	Scientist 'E'	
	(Representative of Indian Meteorological Department),	
	Mausam Bhawan, Lodhi Road, New Delhi – 110003	
	Email: sanjay.bist@imd.gov.in	
13.	Dr. S. Raghavan,	Member
	Scientist "D",	
	(Representative of National Institute of Occupational Health)	
	Regional Occupational Health Centre, ROHC(S), Bangalore	
	Email: raghuharihar@gov.in, raghuharihar@yahoo.co.in	
14.	Dr. R. B. Lal	Member
	Scientist 'F'/ Director	Secretary
	Ministry of Environment, Forest and Climate Change	
	Indira Paryavaran Bhawan,	
	Room No. V-304, Vayu Wing,	
	Jor Bag Road, New Delhi-110003	
	Telefax: 011-20819346	
	E-mail: rb.lal@nic.in	

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.
