GOVERNMENT OF INDIA MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (IA DIVISION-INDUSTRY-1 SECTOR)

Dated: 04.05.2022

AGENDA FOR 5th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD DURING <u>MAY 12th-13th</u>, <u>2022</u>

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

- 1. It is informed that the 5th Meeting of EAC is scheduled to be held during May 12th- 13th, 2022 through <u>Video Conferencing Mode</u> and accordingly all Project Proponents are requested to send all the documents (viz. Presentation, Brief, EIA/EMP Report and other requisite documents) to the <u>EAC/Ministry immediately or latest by 06.05.2022</u>.
- 2. It is requested that the Project Proponent or his/her authorized representative should participate the presentation meeting of EAC through Video Conferencing 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 Mr. Kamal, Moderator, NIC (Mobile No. 8800225087, email- support-ipb@nic.in). PP is requested to join the meeting in VC with Agenda No. [(for ex. 5.1 (Name of PP) & Name of Consultant].
- 4. For the purpose, the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, public hearing report, Action Plan on the issues raised during PH, queries (EDS and ADS) subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., in accordance with Environment Impact Assessment Notification, 2006 are required to be forwarded to the Chairman/Members of the Expert Appraisal Committee including details of the court matters/Orders of the Court pertaining to the project, if any. Accordingly, it is requested to forward a copy of each of these said documents by soft copy/e-mail to the Chairman/members of the Expert Appraisal Committee by 06.05.2022. 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>06.05.2022</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., <u>www.parivesh.nic.in</u>.
- 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 06.05.2022. A copy of the template for EC and ToR presentation is

<u>enclosed herwith.</u> Further, the nodal officer and consultant contact details (Name, Designation, Mobile and E-mail) for the VC shall also be sent in the format given below:

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

- 8. During presentations all the important features/critical parameters such as National Parks, Wildlife Sanctuary, Mangroves, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA), SPA, OPA, etc. should be clearly indicated in an area of 10 km radius of the proposed site. The KML/Shape files should be emailed on the below mentioned email addresses immediately or before 06.05.2022.
- 9. During presentations all the important features/critical parameters such as **details of Court** cases and directions of the SPCB and its implementation status needs to be presented.
- 10. In accordance with the circular no. J-11011/618/2010-IA.II (I) dated 30.5.2012, 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 Regional Offices of Ministry of Environment, Forest and Climate Change. In case of Unit is operating with CTO, a certified compliance report from the SPCB needs to be submitted as per TOR granted to the project. The status of compliance of the conditions stipulated in the EC/TOR as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
- 11. The Project Proponents shall ensure that the reports / documents uploaded in the website of the Ministry, circulated to the EAC members and hard copy submitted to the Ministry are the same. In case of discrepancy, the project will not be considered.
- 12. The Consultant shall include an **undertaking in the EIA report that the prescribed TOR** have been complied with and that the data submitted is factually correct and also an undertaking shall be submitted owning the contents (information and data) in the EIA/EMP report.
- 13. The Consultants are now being graded based on the EIA/EMP Report, Impact assessment and its mitigation measures to the projects and its presentation made before the EAC. Therefore, the Consultant shall follow all the Rules/Guidelines issued by the Ministry from time to time and make the correct Report, failing which necessary action against the consultant may be taken accordingly. Consultant shall submit the Plagiarism Certificate accordingly.
- 14. The PP shall submit the detailed green belt development plan along with details of species, timelines, budget provisions and also implementation status (for existing unit).
- 15. The presentation shall also include details of carbon foot prints and carbon sequestration study w.r.t. proposed project needs to spell out. Proposed mitigation measures also needs to be included in the PPT and submitted for further appraisal of the EAC.

rb.lal@nic.in rp.rastogi@gov.in sandeepan.bs@gov.in dirind-moefcc@gov.in

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

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

AGENDA FOR 5th EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING MAY 12-13, 2022

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

Day 1 - MAY 12, 2022 (THURSDAY)

Time: 10:30 AM onwards

Consideration of Environmental Clearance Proposals

5.1. Establishment of Iron ore beneficiation (8,00,000 TPA), Pellet Plant (6,00,000 TPA), DRI Kilns (6,60,000 TPA), Induction Furnace with matching LRF & CCM (Billets / Ingots / Hot Billets) (2,97,000 TPA), Rolling Mill (TMT Bars / Structural Steel) (3,63,000 TPA), Ferro Alloy Unit 2 x 9 MVA (FeSi-14000 TPA / FeMn-50400 TPA / SiMn-28800 TPA / FeCr- 30000 TPA), WHRB based Power Plant – 50 MW (4 x 12.5 MW), FBC based Power Plant - 24 MW(2 x 6 MW & 1 x 12 MW) & Brick Manufacturing unit (58,000 Bricks / Day) by M/s. Karnikripa Power Private Limited at Khairjhitti & Koajhar Village, Tehsil & District Mahasamund, Chhattisgarh – Consideration of Environmental Clearance

[Proposal no. IA/CG/IND/208264/2021; File no. IA-J-11011/154/2021-IA-II(I)]

5.2. Increase of Clinker production (2.5 to 3.4 MTPA) & Cement (OPC/PPC/PSC/Composite Cement) & GGBS (4.8 to 6.0 MTPA) and Captive Power Plant (18 MW) by M/s JSW Cement Limited located at Village Bilakalagudur, Mandal Gadivemula, District Kurnool, Andhra Pradesh– Consideration of Environmental Clearance

[Proposal No. IA/AP/IND/267226/2020, File No. J-11011/889/2007-IA-II-(I)]

Re-Consideration of Environmental Clearance Proposals

5.3. Project for installation of production facilities for production of Sponge iron (245000 TPA); Mild Steel billet (179550 TPA) and/or Rerolled Steel Products through Hot Charging (131970 TPA); Rerolled Steel Product through Reheating Furnace (42194 TPA); Ferro alloys (75000 TPA) or Pig iron (150000 TPA), Captive Power 56 MW (16 MW through WHRB and 40 MW through AFBC) and Fly Ash Brick (150000 TPA) by M/s. Kusum Smelters Pvt. Ltd. located at Village Dhamni, Tehsil Patharia, District Mungeli, Chhattisgarh– Re-consideration of Environment Clearance

[Proposal No. IA/CG/IND/190436/2020; File No. J- 11011/197/2020-IA.II(I)]

Time schedule: 14.00 Hrs to 17.30 Hrs

Consideration of Terms of Reference Proposals

5.4. Increasing the Production Capacity of Axle Shop from 75,000 No's/Annum (36,750 TPA) To 1,65,000 No's/Annum (80,850 TPA) & Existing Capacity of Wheel Shop of 2,00,000 No's/Annum (97,000 TPA) by M/s. Rail Wheel Factory located at Yelahanka Village, Doddaballapur Road, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru District, Karnataka-Consideration of TOR

[Proposal No. IA/KA/IND/267276/2022; File No. IA-J-11011/130/2022-IA-II(IND-I)]

5.5. Greenfield Project for Production of Sponge Iron 1,15,500 TPA with 350 TPD DRI Kiln, Ferro Alloy Plant Product Mix of Silico Manganese (16,929 TPA) or Ferro Manganese (21,092 TPA) or Ferro Silicon (9,191 TPA) with 9 MVA Submerged Arc Furnace and WHRB based Captive Power Plant of 8 MW by **M/s. Manbhum Ispat Pvt. Ltd.** located at Mouza- Mondalpur , Jadudanga, PS+PO-Jamuria, Ranisayer -Jamuria Road, **District Paschim Bardhaman, West Bengal - Consideration of TOR**

[Proposal No. IA/WB/IND/266191/2022; File No. IA-J-11011/127/2022-IA-II(IND-I)]

5.6. Proposed Installation of Iron Ore Beneficiation Plant (1x1.0 MTPA), Pelletization Plant (1x0.6MTPA) with Coal Gasifier (5x7000 m³/hr), Sponge IronPlant (2x350 TPD DRI Kilns), Induction Furnaces (3x20T) with matching LRF & CCM, Hot Rolling Mill (0.2 MTPA) with 1x15 TPH oil fired Re-heating Furnace (optional) alongwith 34MW Capacity Captive Power Plant (16 MW WHRB based + 18 MW AFBC based) by M/s CPCBL Steels and Power Private Limited located at Village Newra, Mouza Takhatpur, District Bilaspur, Chhattisgarh - Consideration of TOR

[Proposal No. IA/CG/IND/263618/2022; File No. IA-J-11011/28/2022-IA-II(IND-I)]

Consideration of Amendment in TOR Proposals

5.7. Proposed Expansion of Integrated Cement Project (Clinker - 2.85 to 6.15 MTPA, Cement - 4.75 to 10 MTPA and WHR - 45 MW) by Installation of new Line-II by M/s. Ambuja Cements Limited (Unit: Maratha Cement Works) located at Villages Upparwahi & Kukkudsat (Taluka Korpana) and Villages Bhendvi & Hardona (Taluka Rajura), District Chandrapur, Maharashtra– Amendment in Terms of Reference – regarding.

[Proposal No. IA/MH/IND/264438/2022; File No. J-11011/292/2006-IA.II(I)]

Consideration of Environmental Clearance Proposals

5.8. Expansion of Existing Sponge Iron Plant capacity from 100 TPD (2 x 50 TPD) to 300 TPD (2 x 100 TPD) and 3 MW captive Power Generation Plant by **M/s Mahamanav Ispat Pvt. Ltd.**, located at Sy. No. 81/A, 82/A, 78/A, 78/B/2, 82/B/2a & 82/B/2b of Belagal Village, Ballari Taluk & District, Karnataka- **Consideration of Environmental Clearance**

[Proposal No. IA/KA/IND/266926/2021; File No. J-11011/287/2020-IA.II(I)]

5.9. Installation of New Line -II (Clinker 3.3 MTPA, Cement -2.0 MTPA and WHRB-15.5MW) at existing cement plant site of Star Cement Limited, taking total capacity to4.09 MTPA Clinker, 2.99 MTPA Cement with 20.17 MW Waste Heat Recovery Power Plant by **M/s Star Cement Limited**, located at Village Lumshnong, Tehsil Khliehriat, District East Jaintia Hills, **Meghalaya Consideration of Environmental Clearance**

[Proposal No. IA/ML/IND/265139/2016; File No. J-11011/225/2016-IA II (I)]

Re-Consideration of Environmental Clearance Proposals

5.10. Change in EC Configuration from 5.5 MTPA to 4.5 MTPA by M/s. Bhushan Power and Steel Limited located at Village Thelkoloi, Tehsil Rengali, District Sambalpur, Odisha [Online Proposal No. IA/OR/IND/257254/2022; File No. IA-J-11011/40/2009-IA-II(I)] – Environment Clearance under the provision of para 7 (ii) of EIA Notification, 2006 – regarding.

Time schedule: 14.00 Hrs to 17.30 Hrs

Modification/ Validity of Environmental Clearance Proposals

5.11. Expansion of Ferro Alloy Plant near Villages Manesamudram and Malguru, Mandal Hindupur, District Ananthapur in Andhra Pradesh by M/s M.B. Smelters Pvt. Limited - Validity of Environmental Clearance

[Proposal No. IA/AP/IND/269161/2022; File No. J-11011/647/2009-IA-II]

5.12. Expansion of Sponge Iron Plant: 1,20,000 TPA with land area of 10.60 ha acres by M/s. Padmavati Ferrous Ltd., located at Sy. 173, Village Chikkantapura, Toranagallu, Sandur Taluk, Bellary District, Karnataka – Amendment in Environmental Clearance

[Proposal No. IA/KA/IND/252314/2022; File No. J-11011/67/2007-IAII(I)]

Consideration of Terms of Reference

5.13. Greenfield project comprising of Establishment of Iron ore beneficiation (20,00,000 TPA), Pellet Plant (15,00,000 TPA), DRI Kilns (4,62,000 TPA), Induction Furnace with matching LRF & CCM (Billets / Ingots / Hot Billets) (2,97,000 TPA), Rolling Mill (TMT Bars / Structural Steel) (2,10,000 TPA), Ferro Alloys Unit 2 x 9 MVA (FeSi-14,000 TPA / FeMn-50,400 TPA / SiMn-28,800 TPA / FeCr-30,000 TPA), WHRB based Power Plant – 32.0 MW (4 x 38 TPH), FBC based Power Plant - 43 MW (1 x 210 TPH), Brick Manufacturing unit (65,000 Bricks / Day) & Briquetting Plant (200 Kg/Hr.) by M/s. Nisarg Ispat Pvt. Ltd. located at Ghotpal Village, Geedam Tehsil, Dantewada District, Chhattisgarh- Consideration of Terms of Reference

[Proposal No. IA/CG/IND/259892/2022; File No. IA-J-11011/320/2021-IA-II(IND-I)]

5.14. Establishment of Greenfied steel plant comprising of Iron ore beneficiation (8,50,000 TPA), Pellet Plant (6,00,000 TPA), Gasifier for Pellet Plant (21,000 Nm3/hr) DRI Kilns (6,27,000 TPA), Induction Furnace with matching LRF & CCM (Billets / Ingots / Hot Billets- 4,62,000 TPA), Rolling Mill (TMT Bars / Structural Steel - 4,62,000 TPA),Gasifier for Reheating Furnace (3570 Nm3/hr), Ferro Alloy Unit (FeSi – 42,000 TPA/FeMn – 1,51,200 TPA/SiMn – 86,400 TPA/FeCr – 90,000 TPA/Pig Iron – 60,000 TPA), Briquetting Plant (600 Kg/Hr.), WHRB based power Plant – 46 MW, FBC based Power Plant-20 MW & Brick manufacturing unit (1,00,000 Bricks /Day) by M/s Navic Steel & Power Private Limited, located at Jhiriya & Bitkuli Villages, Bemetara Tehsil & District, Chhattisgarh - Consideration of Terms of Reference

[Proposal No. IA/CG/IND/266110/2022; File No. IA-J-11011/122/2022-IA-II(IND-I)]

5.15. Any other item with permission of the Chair.

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

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

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

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

4. Environmental site settings

S. No.	Particulars	Details	Remarks
1.	Total land	ha [Private: ha; Govt: ha; Agriculture: ha; and Grazing land:]	Land use:
2.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014		
3.		Project site: Name of village (if any) Study Area:	Status of R&R.
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.	Lakes, Pond, Nala, Natural Drainage,	Project site: Name Study area Water body Distance Direction	Authenticated HFL data of the water body shall be furnished.

S. No.	Particulars	Details	Remarks
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 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:

					ties as po mendme					Brou	nosod		inal	
0	Plant	Tot (A+		-	mented (A)	imp	Jn- oleme d (B)		per TO	Units		Proposed Units Proposed)		
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:

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

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

<u>11.</u>	Baseline Environmental Studies	(<mark>In case</mark>	of clause	7(ii) projects	from post	project monitoring
	data)					

<u>data)</u> Pariod		Additional
Period		study (if any)
AAQ parameters	PM _{2.5} = to μg/m ³	
at	$PM_{10} = \dots to \dots \mu g/m^3$	
Locations (min	$SO_2 = \dots $ to $\mu g/m^3$	
and max)	$NOx = \dots to \dots \mu g/m^3$	
and maxy	$CO = \dots to \dots \mu g/m^3$	
Incremental GLC	PM ₁₀ =μg/m ³ (Level atkm in Direction)
level	$SO_2 = \dots \mu g/m^3$ (Level atkm in	/
	Direction)	
	NOx = $\dots \mu g/m^3$ (Level at $\dots km$ in \dots	
	Direction)	
	CO = μg/m ³ (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 Leg	to for the day time and to	
•	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 pla	ant
	site.	
	• Transportation of raw material, fuel & finish	ed
	product will be done% by road.	
	5	on
		of
	service (LOS) is:	
	Road V C Existing LOS	
	(Volume (Capacity V/C	
	in in Ratio	
	PCU/hr.) PCU/hr.)	
		will
	be(Existing) +(Additional) PCU	/hr
	and level of service (LOS) will be:	
	Road V C Proposed LOS	S
	(Volume (Capacity V/C Ratio	
	PCU/hr.) PCU/hr.)	
	* Note: Capacity as per IRC Guide line f	or
	capacity for roads.	
	Conclusion: The level of service will af	ter
	including additional traffic due to proposed project.	
Flora and fauna	Presence of schedule I fauna and endangered Flora	a it

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	and action plan	Year o (B	Total Expenditure		
	Name of the Activity	Physical Targets	1 st	2 nd	3 rd	(Rs. in Crores)

S.No.	Description of Item	Existing Croi	(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					

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

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 Hazardou swaste			
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.

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

ADS Information in chronology [Only for ADS cases]

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

S No	ADS Point	Reply/Response of PP

Format for Brief Write-Up (ToR)

- 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.

. <u>t</u>	Environ	mental 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 &	Project site: 1 Study Area:		· · · ·	Status of R&R.
		involvement of R&R, if any.	Habitation	Distance	Direction	
	iv.	Latitude and Longitude of <u>all</u> <u>corners</u> of the project site.	Point	Latitude	Longitude	
	۷.	Elevation of the project site	m above	e mean sea lev	rel	
	vi.	Involvement of Forest land if any.	Status of stage Area of the fo			
	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	<u>Study area</u> Name of the I Status of Not Distance of p Authenticated	ification: roject from E		

3. Environmental site settings

S.No.	Particulars	Details	Remarks
	reserve etc. if any	distance of ESZ from project site: Status of NBWL approval: 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:

		E	subse	quent	amend	lment	EC dated dated			Pror	oosed		nal	
	Plant		otal +B)	-	emente d A)		Un- emented (B)	As pe	er CTO	16	nits		ting + osed)	
SI. No.	Equipmen t/ Facility	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)	Transportatio n	

8. Existing Water requirement is m³/day, water requirement is obtained from and permission for the same has been obtained from vides letter no...... dated [Only for expansion]. The water requirement for the proposed project is estimated asm³ /day, out

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

Attributes	Parameters	Sam	npling	Remarks
A. Air		No. of stations	Frequency	
a. Meteorological parameters				
b. AAQ parameters				
B. Noise				
C. Water				
Surface water/Ground water quality parameters				
D. Land				
a. Soil qualityb. Land use				
E. Biological a. Aquatic b. Terrestrial				
F. Socio-economic parameters				

ADS Information in chronology [Only for ADS cases]

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

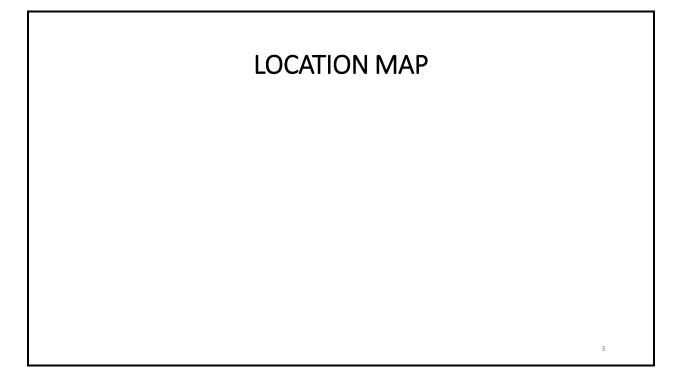
S No	ADS Point	Reply/Response of PP

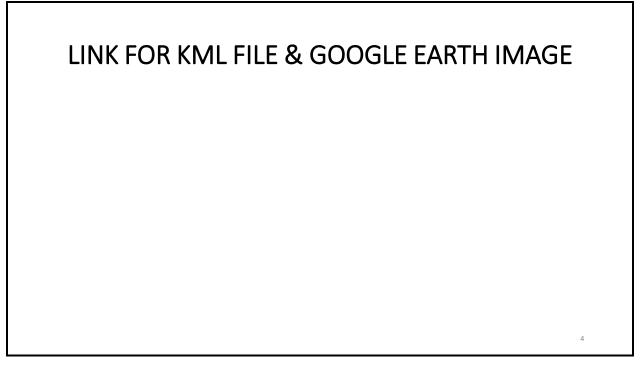
Annexure –III(Template for EC presentation)

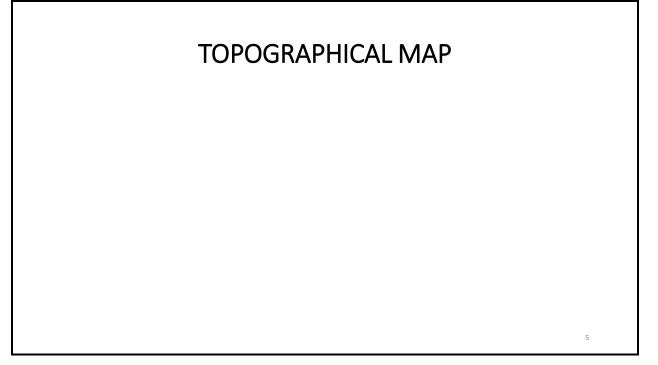
NAME OF THE PROJECT			
EAC MEETING DETAILS & AGENDA NO.	PROPOSAL NO. FILE NO.		
NAME OF THE PROJECT PROPONENT WITH ADDRESS	 NAME OF THE CONSULTANT NABET REGISTRATION NO. VALIDITY 		

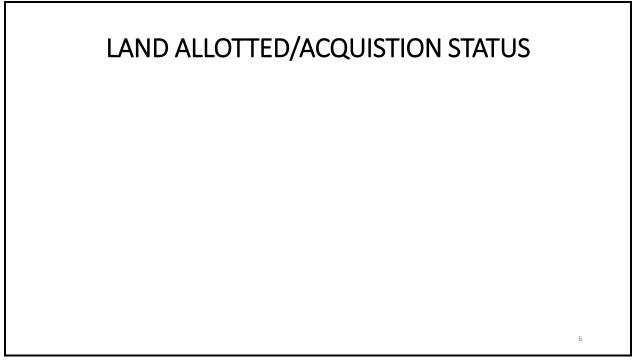
Slide no. 2

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	









	(In ca	SVIOUS E se of Expan			
C granted o	1	1 1		1	1
Facilities envisaged	Consent status (CTE/CFO)	Implementati on status	Remarks	Production details	Details of Violation, if any

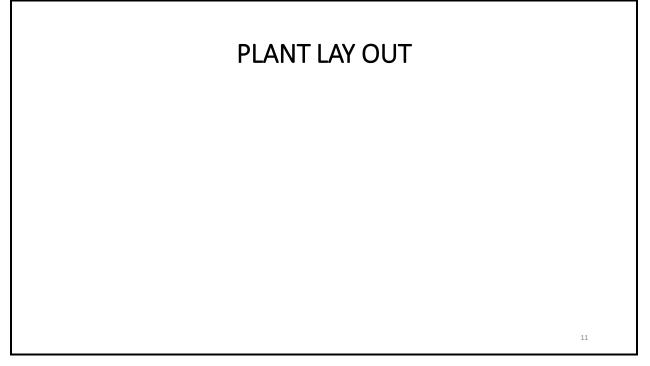
rtified report issued on		
Non- compliances Corrective action taken reported if any	Present status	Remarks

SL. NO.	PARAMETERS	DETAILS
a.	Water body	
b.	Highway	
с.	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

-	

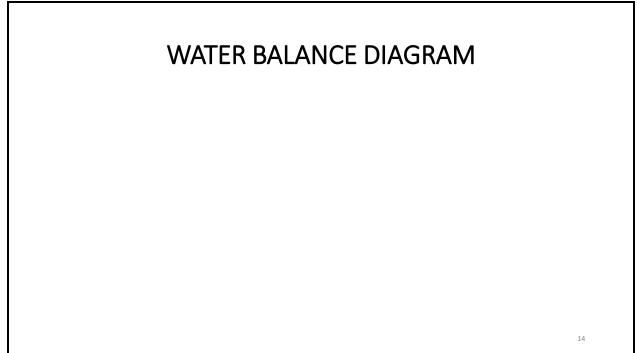


SL.NO.	RAW MATERIAL	QUANTITY (TPA)	SOURCE	DISTANCE (W.R.T. PLANT)	MODE OF TRANSPORT	REMARKS
						12
						12

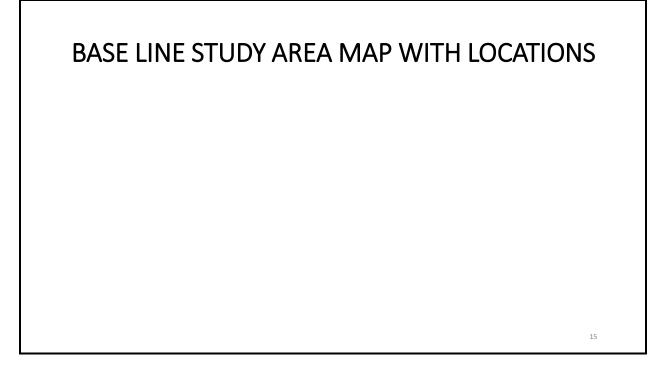
FUEL, POWER / ENERGY & WATER REQUIREMENT WITH REQUISITE PERMISSION DETAILS

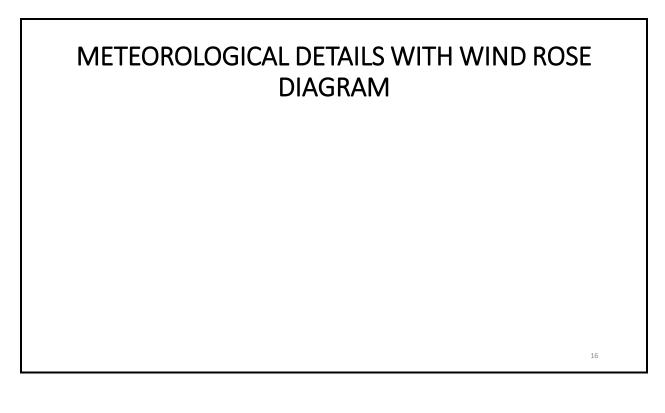
SL. NO.	ТҮРЕ	REQUIREMENT	PERMISSION DETAILS	REMARK
1	FUEL			
2	POWER/ENERGY			
3	WATER REQUIREMENT			

Slide no. 14



13



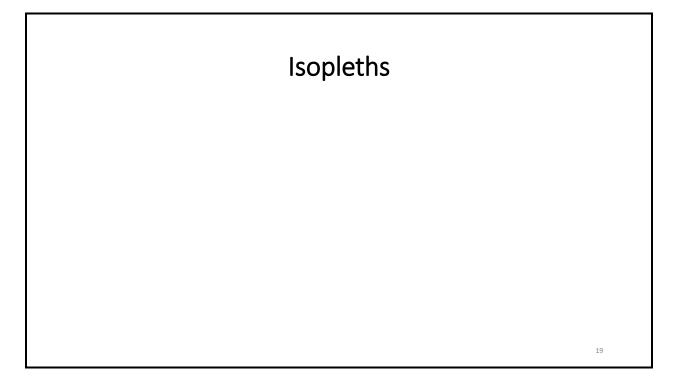


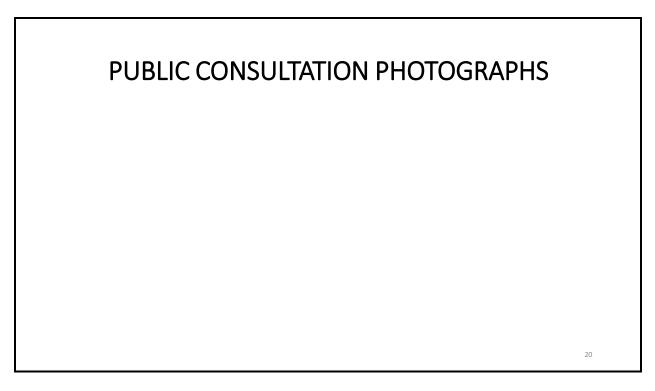
PERIOD	
AAQ PARAMETERS AT LOCATIONS	PM _{2.5} =µg/m ³
	PM ₁₀ =µg/m ³
	SO ₂ =μg/m ³
	NO ₂ =µg/m ³
	CO =mg/m ³
	Any other relevant parameter
AAQ MODELLING (Incremental GLCs)	PM =µg/m ³ (Distance and Direction)
	$SO_2 = \dots \mu g/m^3$ (Distance and Direction)
	NOx = $\mu g/m^3$ (Distance and Direction)
GROUND WATER QUALITY AT	pH:mg/l, Chlorides:mg/l, Chlorides:mg/l
LOCATIONS	Fluoride:mg/l. Heavy metals
	Any other relevant parameter
SURFACE WATER QUALITY	pH:mg/l & COD
ATLOCATIONS	mg/l. Any other relevant parameter
NOISE LEVELS ATLOCATIONS	dBA 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)		





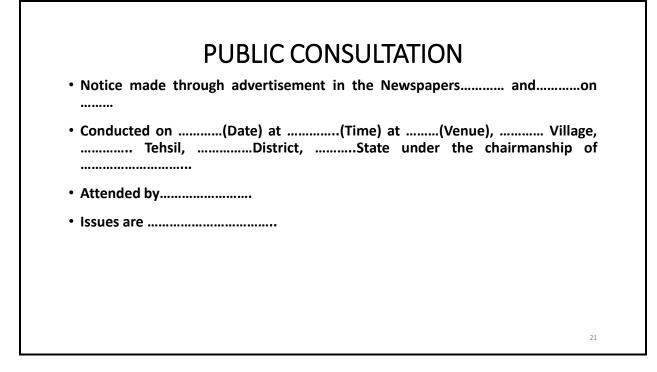
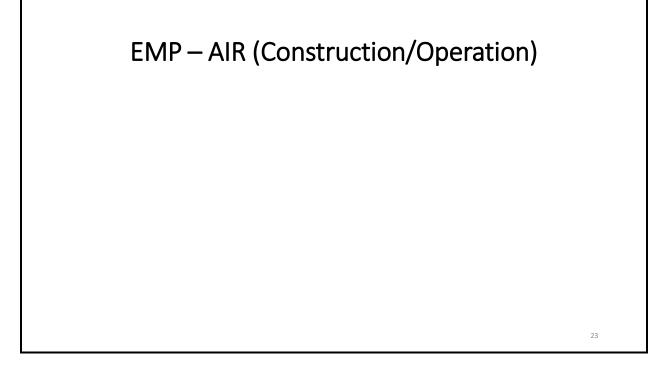
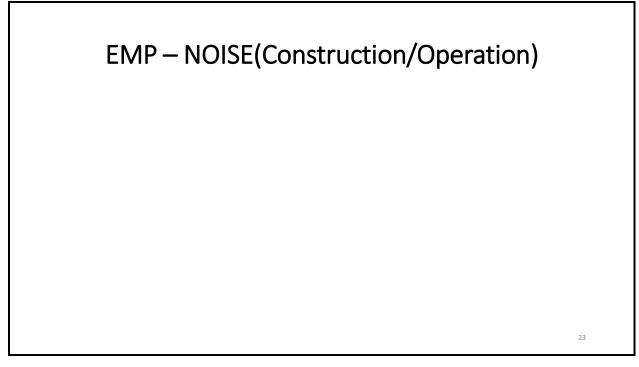
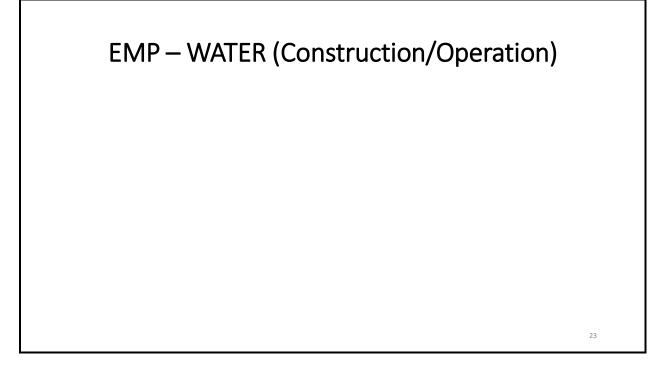
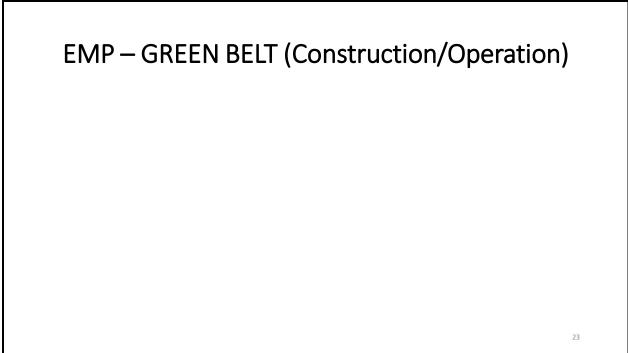


Image: Constraint of the second sec	





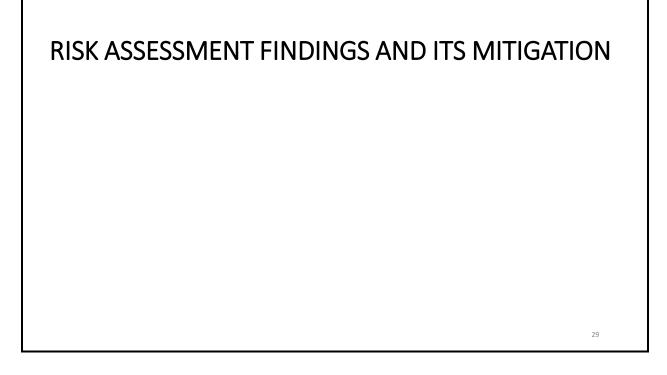


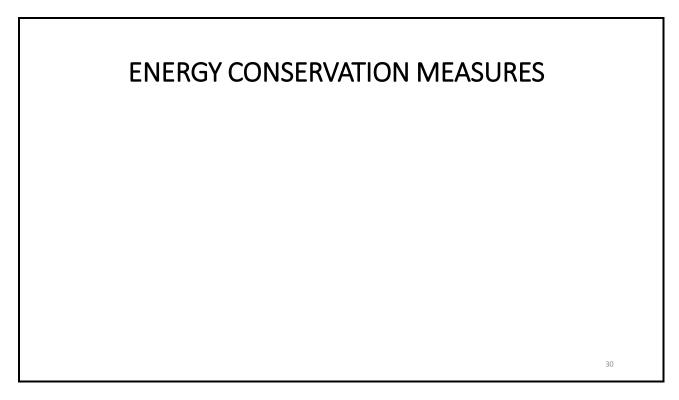


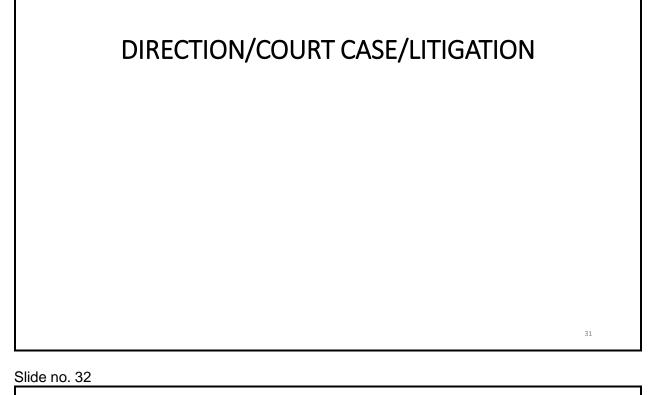
EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

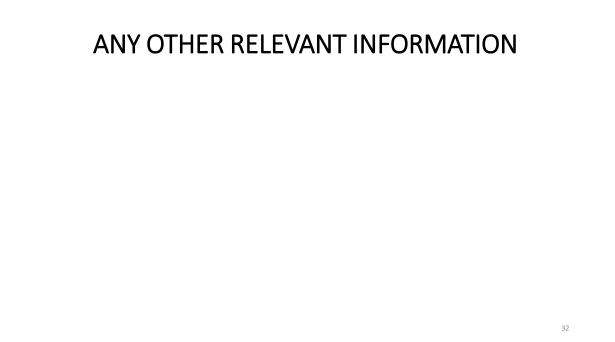
SL.	TYPE OF WASTE		QUANTITY (TPD)	MODE OF	AGREEMENT	
NO.		EXISTING	PROPOSED	TOTAL	DISPOSAL	DETAILS FOR DISPOSAL
		1	1		1	
						2
						-

SL. NO	ENVIRONMENT							REMARKS
	/SOCIAL CONTROL	E	KISTING	PF	ROPOSED		TOTAL	-
	MEASURE	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	









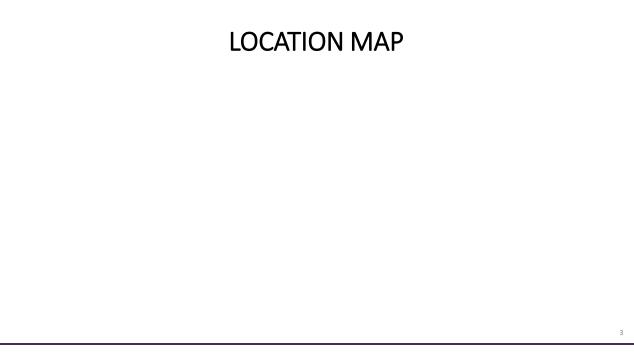
Annexure – IV (Template for TOR presentation)

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

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	

Slide No. 3



LINK FOR KML FILE

Slide No. 5

	(in case c	of green-field	project)	
PARAMETERS	SITE 1	SITE 2	SITE 3	SELECTED SITE WITH JUSTIFICATION

Slide No. 6

٦

(In case of Exp	pansion/De	e-novo Proje	ects)
PARTICULARS	DOCUMENT NO.	DATE	VALIDITY	IMPLEMENTATION STATUS
DETAILS OF EARLIER EC				
DETAILS OF CTE				
DETAILS OF CTO				

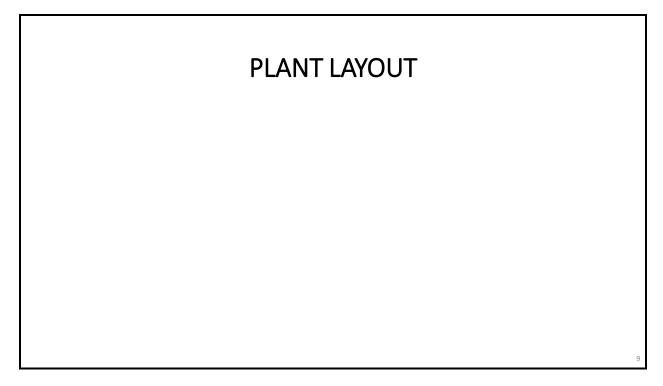
Slide No. 7

SL. NO.	PARAMETERS	DETAILS
a.	Water body	
b.	Highway	
с.	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)

Slide No. 9



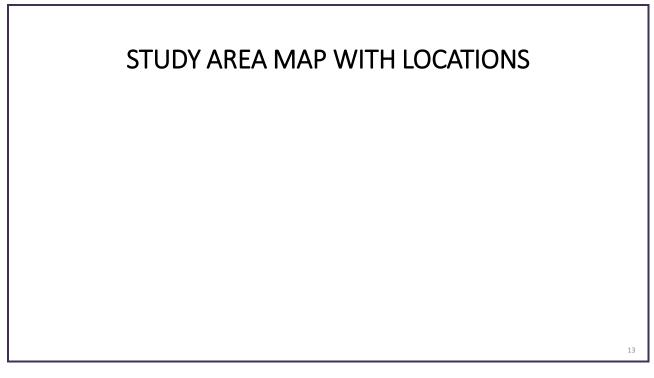
SL. NO.	RAW MATERIAL	QUANTITY	SOURCE	MODE OF TRANSPORT	REMARKS

Slide No. 11

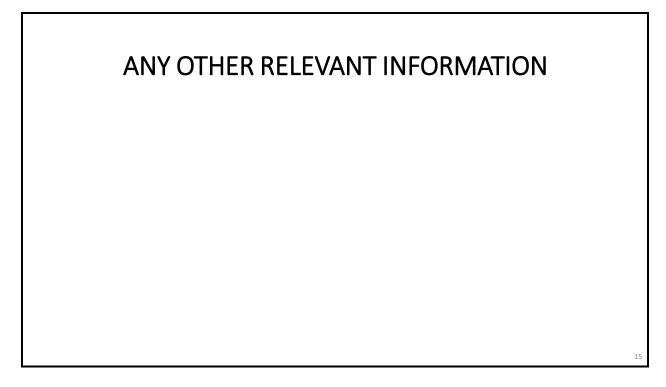
SI. No.	PARTICULARS	QUANTITY	SOURCE	MODE
1	WATER REQUIREMENT			
2	POWER REQUIREMENT			
3	FUEL REQUIREMENT			
ŀ	ANY OTHER REQUIREMENT			

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			

Slide No. 13



DIRECTIONS/COURT CASE/LITIGATION



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

S. No.	Name & Address	Position
1.	Shri Rajive Kumar, IFS Retired	Chairman
	B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-	
	226010	
	chairman.eac.ind.1@gmail.com	
2.	Dr. S Ranganathan	Member
	AT-5 Banyan Tree Apartments, 154 Kariyammana	
	Agrahara, Devarabeesanahälli, Near Sakra World Hospital,	
	Bengaluru 560103	
2	ranganathan.metals@gmail.com	Member
3.	Dr. Ranjit Prasad	Iviember
	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	
	ranjitnitj@gmail.com	
4.	Dr. E V R Raju	Member
	Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-	
	500049,	
	telangana. rajuevr60@gmail.com	
5.	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	
	sksinghdce@gmail.com,	Marahan
6.	Dr. Jai Krishna Pandey Chief Scientist & Head Mine Fire Mantilation and Mineria	Member
	Chief Scientist & Head, Mine Fire, Ventilation and Miner's health Research Group	
	Room No. TG- 8, Technological Block CSIR- Central	
	Institute of Mining and Fuel Research Barwa Road,	
	Dhanbad-826015 (Jharkhand)	
	Email: jkpandey@cimfr.nic.in, jaikrishnapandey@gmail.com	
7.	Dr. Dipankar Shome	Member
	House No. 74, Saroj Nagar, Hazari Pahad, Nagpur,	
	Maharashtra-440007	
	dshome6 <u>1@gmail.com</u>	
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	
	sshemant_801@rediffmail.com	

S. No.	Name & Address	Position
10.	Director General, 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	Member
11.	Member Secretary, Central Pollution Control Board Parivesh Bhawan, East Arjun Nagar, Delhi-110032 Email: mscb.cpcb@nic.in	Member
12.	Dr. S. Raghavan, Scientist "D", Regional Occupational Health Centre, ROHC(S), Bangalore Email: raghuharihar@gov.in, raghuharihar@yahoo.co.in	Member
13.	Dr. Sanjay Bist, Scientist 'E' Indian Meteorological Department, Mausam Bhawan, Lodhi Road, New Delhi – 110003 Email: <u>sanjay.bist@imd.gov.in</u>	Member
14.	Dr. R. B. Lal Scientist 'E'/Additional Director 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	Member Secretary

Annexure-VI

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 **Mr Kamal, Moderator, NIC (Mobile No. 8800225087, 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.
