

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



Agenda of Expert Appraisal Committee

Meeting ID : IA/IND/13450/28/02/2023

: 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 : 17-02-2023

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	28 Feb 2023	10:30 AM	18:30 PM

a Till on

Date of Meeting: 28-02-2023

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/RJ/IND1/ 412731/202 2	IA-J- 11011/398/2 018-IA- II(IND-I)	Integrated Cement Plant {Clinker - 4.5 Million TPA; Cement - 4.0 Million TPA (OPC, PPC, PSC, RHPC, SRC & Composite Cement); WHRS - 37.5 MW and D.G. Sets - 2500 KVA (2 x 1000 KVA & 1 x 500 KVA) or (1 x 1000 KVA, 2 x 500 KVA & 2 x 250 KVA)} at Villages-Bhivgarh, Jawangarh and Ras - II, Tehsil - Jaitaran, District - Pali (Rajasthan) by Shree Cement Limited (Bangur Cement Unit)	Shree Cement Ltd.	Tehsil: District: State: Rajasthan	EC
2	IA/CG/IND1/ 413664/202 3	IA-J- 11011/290/2 021-IA- II(IND-I)	Establishment of Sponge Iron unit (2,25,000 TPA), Induction Furnace with matching LRF & CCM (Billets / Ingots / Hot Billets) (2,40,000 TPA), Rolling Mill (TMT Bars / Structural Steel) (2,25,000 TPA), Brick manufacturing unit – 25,000 bricks/day, WHRB based Power Plant – 18 MW (3 x 6 MW), AFBC based Power Plant - 6 MW	ITECHC METALS PRIVATE LIMITED	Tehsil: District: State: Chhattisgarh	EC
3	IA/RJ/IND1/ 413238/202 3	IA-J- 11011/24/20 22-IA-II(IND- I)	Proposed Integrated Cement Project: Clinker - 8.0 Million TPA (2 x 4.0 Million TPA), Cement - 5.0 Million TPA (2 x 2.5 Million TPA), CPP - 40 MW (2 x 20 MW), WHRS - 40 MW (2 x 20 MW) in phased manner along with Railway Siding at Village: Parewar, Tehsil & District: Jaisalmer (Rajasthan) by Wonder Cement Limited.	WONDER CEMENT LIMITED	Tehsil: District: State: Rajasthan	EC

4	IA/RJ/IND1/ 407182/202 2	J- 11011/1173/ 2007- IA.II(IND-I)	Expansion in Existing Environmental Clearance granted capacity of Integrated Cement Plant - Clinker: 2.0 to 4.5 Million TPA, Cement: 4.0 to 6.0 Million TPA, Waste Heat Recovery Power Generation: 20 to 40 MW and installation of Captive Power Plant: 25 MW, DG Sets of 2000 KVA (1000/500/250/125 KVA) along with Railway Siding at Village: Gothra, Tehsil: Nawalgarh, District: Jhunjhunu (Rajasthan) by Shree Cement Limited	Shree Cement Ltd.	Tehsil: District: State: Rajasthan	EC
5	IA/CG/IND1/ 410582/202 2	IA-J- 11011/503/2 022-IA- II(IND-I)	Proposed DRI Plant (Sponge Iron 135000 TPA), WHRB 10MW, AFBC Power Plant 3.5MW, Submerged Electric Arc Furnace 7 MVA(Ferro Manganese 12600 TPA), Table top furnace (Brown Fused Alumina 10500 TPA) by M/s Shri Baba Baidnath Ispat Pvt Ltd at Sy No 339/1, 339/3, 340, 341, 348/1, 348/2, 349/4, 349/5, 350/1, 350/2, 350/3, 350/4, 351/1, 359/1, 351/2, 359/2, 351/3, 359/3, 352, 353, 354, 355/1, 355/2, 356, 360, 362 and 363/2, VillGaitra & Raikheda, TehTilda, DistRaipur, Chhattis	SHRI BABA BAIDNATH ISPAT PRIVATE LIMITED	Tehsil: District: Raipur State: Chhattisgarh	TOR

Any Other Item with Permission of Chairman:

		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

	Dr. Sanjay Bist, Scientist 'E', (Representative of Indian Meteorological Department)	Member	sanjay.bist@imd.gov.in
	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: 17.02.2023

AGENDA FOR 24th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON FEBRUARY 28, 2023

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

- It is informed that the 24th Meeting of EAC is scheduled to be held during February 28, 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 21.02.2023.
- 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, emailsupport-ipb@nic.in). PP is requested to join the meeting in VC with Agenda No. [(for ex. 24.1 (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 21.02.2023. 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 **21.02.2023** 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 21.02.2023. 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:

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, Agenda for 24th EAC Meeting (Industry 1 Sector) to be held on 28th February, 2023

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 21.02.2023.

- 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. 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.
- 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.
- 16. 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).
- 17. 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.
- 18. 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.

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(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 24th EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING FEBRUARY 28, 2023

Venue: Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan,

Jor Bagh Road, New Delhi-110003 through Video Conferencing Mode

DAY 1: FEBRUARY 14th, 2023 (TUESDAY)

Time: 10:30 Hrs -18:00 Hrs

Agenda: Confirmation of Minutes of 23rd Meeting of EAC

Consideration of Environmental Clearance Proposals

24.1 Integrated Cement Plant {Clinker - 4.5 Million TPA; Cement - 4.0 Million TPA (OPC, PPC, PSC, RHPC, SRC & Composite Cement); WHRS - 37.5 MW and D.G. Sets - 2500 KVA (2 x 1000 KVA & 1 x 500 KVA) or (1 x 1000 KVA, 2 x 500 KVA & 2 x 250 KVA)} by M/s Shree Cement Limited (Bangur Cement Unit), located at Villages- Bhivgarh, Jawangarh and Ras - II, Tehsil - Jaitaran, District – Pali, Rajasthan - Consideration of Environmental Clearance

[Proposal No. IA/RJ/IND1/412731/2022; File No. IA-J-11011/398/2018-IA-II(I) [Consultant; J.M. EnviroNet Pvt. Ltd; Valid Upto: 07.08.2023]

24.2 Establishment of Sponge Iron unit (2,25,000 TPA), Induction Furnace with matching LRF & CCM (Billets / Ingots / Hot Billets) (2,40,000 TPA), Rolling Mill (TMT Bars / Structural Steel) (2,25,000 TPA), Brick manufacturing unit – 25,000 bricks/day, WHRB based Power Plant – 18 MW (3 x 6 MW), AFBC based Power Plant - 6 MW by M/s ITECHC Metals Private Limited, located at at Khasra. No.s 587/1, 587/6, 587/10, 587/14, 597/1, 597/3, 598, 599, 600, 612, 613/1 & 613/2, Village: Chicholi, Tehsil: Kharora, District: Raipur, Chhattisgarh-Consideration of Environmental Clearance

[Proposal No IA/CG/IND1/413664/2023; File No. IA/J-11011/290/2021-IA-II (I)] [Consultant: Pioneer Enviro Laboratories & Consultants Pvt. Ltd.; Valid upto 11.03.2023]

Proposed Integrated Cement Project: Clinker - 8.0 Million TPA (2 x 4.0 Million TPA), Cement - 5.0 Million TPA (2 x 2.5 Million TPA), CPP - 40 MW (2 x 20 MW), WHRS - 40 MW (2 x 20 MW) in phased manner along with Railway Siding at Village: Parewar, Tehsil & District: Jaisalmer, Rajasthan by Wonder Cement Limited- Consideration of Environmental Clearance

[Proposal No. IA/RJ/IND1/413238/2023; File No. IA-J-11011/24/2022-IA-II(IND-I)] [Consultant: J.M. EnviroNet Pvt. Ltd.,; Valid Upto: 07.08.2023]

Re-consideration of Environmental Clearance Proposal

24.4 Expansion in Existing Environmental Clearance granted capacity of Integrated Cement Plant - Clinker: 2.0 to 4.5 Million TPA, Cement: 4.0 to 6.0 Million TPA, Waste Heat Recovery Power Generation: 20 to 40 MW and installation of Captive Power Plant: 25 MW, DG Sets of 2000 KVA (1000/500/250/125 KVA) along with Railway Siding at Village: Gothra, Tehsil: Nawalgarh, District: Jhunjhunu, Rajasthan by M/s Shree Cement Limited -Re-Consideration of Environmental Clearance

[Proposal No.: IA/RJ/IND1/407182/2022; File No. J-11011/1173/2007-IA.II (I)]

[Consultant: J.M. EnviroNet Pvt. Ltd.; Valid upto: 07.08.2023]

Consideration in Terms of Reference

24.5 Integrated Proposed DRI Plant (Sponge Iron 135000 TPA), WHRB 10MW, AFBC Power Plant 3.5MW, Submerged Electric Arc Furnace 7 MVA(Ferro Manganese 12600 TPA), Table top furnace (Brown Fused Alumina 10500 TPA) by M/s Shri Baba Baidnath Ispat Pvt. Ltd., located at Sy. No 339/1, 339/3, 340, 341, 348/1, 348/2, 349/1, 349/2, 349/3, 349/4, 349/5, 350/1, 350/2, 350/3, 350/4, 351/1, 359/1, 351/2, 359/2, 351/3, 359/3, 352, 353, 354, 355/1, 355/2, 356, 360, 362 and 363/2, Village Gaitra & Raikheda, Tehsil Tilda, District Raipur, Chhattisgarh – Consideration of TOR

[Proposal No. IA/CG/IND1/410582/2022; File No. IA-J-11011/503/2022-IA-II(IND-I)] [Consultant: Parivesh Environmental Engineering Services; Valid upto: 11.12.2024]

24.6 Any other item with permission of the Chair.

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

1.	l/s has made an online application vide proposal no	Dated
	along with copy of EIA/EMP report, Form and Certified compliance	report [Only for
	xpansion and clause 7(ii) cases] seeking Environment Clearance (EC) under the provis	sions of the EIA
	otification, 2006 for the project mentioned above. The proposed project activity is listed	at schedule no.
	all schedules pertaining to the project)	Of the schedule
	f the EIA Notification, 2006 and attracts general condition due to	<mark>applicable)</mark> and
	ppraised at Central Level.	

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

EllAllO	nmental site settings				
	Particulars		Details	Remarks	
S. No.					
1.	Total land	ha [Pri	vate: ha	a; Govt: ha;	Land use:
		Agricult	ure: h	a; and Grazing	
		land:]		
2.	Land acquisition				
	details as per				
	MoEF&CC O.M.				
	dated 7/10/2014				
3.	Existence of	Project site:	Name of villa	ge (if any)	Status of R&R.
	habitation &	Study Area:		• • • • • • • • • • • • • • • • • • • •	
	involvement of	Habitation	Distance	Direction	
	R&R, if any.				
	•				
4.	Latitude and	Point	Latitude	Longitude	
	Longitude of all				
	corners of the				
	project site.				
5.	Elevation of the	M above	mean sea le	evel	
0.	project site		, moan ooa n		
6.	Involvement of	Status of stag	e I Forest Cle	earance:	
0.	Forest land if any.	Area of the fo			
7.	Water body (Rivers,	Project site:	or oct land in		Authenticated HFL
	Lakes, Pond, Nala,	Name			data of the water
	Natural Drainage,	Name			body shall be
	_	Study area			furnished.
	Cariai Glo./ GXISIS	oluuy ai ca			TUTTIONICU.

	Particulars	Details			Remarks
S. No.	within the project site as well as study area	Water body	Distance	Direction	
8.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area	Status of Notifi Distance of pro Authenticated distance of ES2	Name of the ESZ/ESA: Status of Notification: Distance of project from ESZ/ESA: Authenticated map of ESZ projecting distance of ESZ from project site: Status of NBWL approval:		

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, 1994 and 2006 shall be furnished. Consent to Operate for
	the existing unit was accorded byState Pollution Control Board vide Ir. No
	datedThe validity of CTO is up to

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:

		Existing facilities as per EC dated And subsequent amendment dated(if any)							Dropood		Final							
e.	Plant	Total (A+B)		Total					emented (A)	imp	Jn- oleme od (B)		per TO			(Existing + 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:

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

9.	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 and
	clause 7(ii) cases]. The water requirement for the proposed project is estimated asm3 /day, out of
	which m ³ /day of fresh water requirement will be obtained from the and the remaining

requirement	ofn	n³/day	will	be	met	from	the		The	permission	for	drawl c	of (groundwater	/
surface water	r is obt	tained f	rom			Vide	e 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 whichMW will be obtained from the

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

Baseline Environm	nental Studies (<u>In case of clause 7(ii) projects from post pr</u>	
		Additional
Period		study (if any)
AAQ parameters	$PM_{2.5} = \dots To \dots \mu g/m^3$	
at	$PM_{10} = To Mg/m3$	
Locations (min	$SO_2 = \dots to \dots \mu g/m^3$	
and max)	Nox = To µg/m³	
,	CO = To µg/m ³	
Incremental GLC	PM ₁₀ = μg/m³ (Level atkm in Direction)	
level	SO ₂ = µg/m³ (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	Ing/i. OOD irointoing/i	
Noise levels Leq	to for the day time and to	
(Day and Night)	for the Night time.	
Traffic	<u> </u>	
assessment study		
findings		
Illiuligs	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	
	PCU/hr.) PCU/hr.)	
	* Note: Capacity as per IRC Guide line for	
	capacity for roads.	
	capacity for roduct	

	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	and action plan	Year o	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 es/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

	pe 25	r CPCB/MoEl	F&CC, New D	elhi guideline	s. Local and	native species	s will be plan	t and green cover as ited with a density of in hectares in
<u>16.</u>		nas been repo t <mark>use 7(ii) case</mark>		wing will be re	esource cons	umption after	the proposed	d change: <mark>[In case of</mark>
	Par	ticulars	As per E0	C dated		oosed change der para 7(ii))	% increase
La	and							
G	reen	belt						
W	ater							
Р	ower							
_		aterials						
	rodu							
<u>17.</u>	Po	llution load as	ssessment [In					0/ in areas
	Par	ticulars	As per E	oated .		osed change	•	% increase
Λ.					un	der para 7(ii)		
A								
	ater	a al						
5	olid	and						
		Hazardous						
_		waste						
11	rattic	load						
19. 20.	Certificate / Extension Letter no; Valid up to Rev,].						of ACOs with their of ACOs with their of 7(ii) cases vide letter no. Action taken report officer MoEF&CC,	
3.	NO.	Non- compliance		ation of RO ridged)	EC date	Condition no. Specific	General	RO / Response by
		details	(ab	i iagea <i>j</i>	LC uale	Specific	General	PP
		Getalis						11
ADS	Info	rmation in c	hronology <mark>[O</mark>	nly for ADS o	ases1	<u> </u>	<u> </u>	<u> </u>
21.	M/: (In	s 	mad The proposal	e an online was initially P	application v considered i roposal was	n	meeting of	Re-constituted EAC onal information. The
22.			submitted th Point-wise rep				uploa	ded on PARIVESH
	SNO		ADS Point	<i>,</i>			esponse of	PP
	J 140		ADOTOMIC			Керіу/К	coponae or	• •
					<u> </u>			

	Format for	Brief	Write-Up	(ToR)
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1.	M/s has made an application online vide proposal no date	ed
	along with the application in prescribed format (Form-I), copy of pre-feasibility repo	ort
	and proposed ToRs for undertaking detailed EIA study as per the EIA Notification, 2006 for the	he
	project mentioned above. The proposed project activity is listed at S. No und	der
	Category "" of the schedule (all schedules pertaining to the project) of the EIA Notification, 20	06
	and attracts general condition due to (if applicable) being appraised at Central Leve	el.

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 offrom..... toMTPA.

3. Environmental site settings

	mental site settings	T			
S.No.	Particulars		Details	Remarks	
i.	Total land	ha [Pri Agriculture:]	•	Land use:	
ii.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014				
iii.	Existence of habitation &	Project site: Study Area:	Name of villag	je (if any)	Status of R&R.
	involvement of R&R, if any.	Habitation	Distance	Direction	
iv.	Latitude and Longitude of <u>all</u> corners of the project site.	Point	Latitude		
V.	Elevation of the project site	m above	e mean sea le	vel	
vi.	Involvement of Forest land if any.	Status of stag Area of the fo			
vii.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists	Project site: Name Study area		Authenticated HFL data of the water body shall be furnished.	
	within the project	Water body	Distance		
	site as well as study area				
viii.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve	Study area Name of the Status of Not Distance of p Authenticate distance of E	ification: project from E d map of E		

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:

	lven as beie	E					EC dated dated			Dror	osed	Fi	inal	
0.1	Plant		otal +B)	-	emente d A)		Un- emented (B)	As pe	er CTO		nits		sting + oosed)	
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 ar	nnum	Source	Distance from site (Kms)	Mode of Transportation
	Material	Existing	Expansion	Total			

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 asm ³ /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 in
	surface water is obtained from vide Lr. No dated

Э.	rec	isting power requirement of quirement for the proposed tained from the									
10.	pro	e capital cost of the project otection measures is propose oposed project / expansion is	ed as Rs	Crores Cror	and the capites. The emplo	tal cost for en yment generation	vironmental on from the				
11.		Summary of violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration shall be furnished.									
	Се	ime of the EIA consultant: ertificate / Extension Letter no	o; Valid up	toR	ev,]	with their				
ı٥.	PIC	oposed Terms of Reference	-				D				
		Attributes	Parame	eters	Samı		Remarks				
_	Α.	Air			No. of stations	Frequency					
	a.	Meteorological parameters									
	b.	AAQ parameters									
-		Noise									
-		Water									
-		rface water/Ground water									
		ality parameters									
-		Land									
-											
		Soil quality Land use									
-											
		Biological Aquatic									
		Terrestrial									
-		Socio-economic									
	١.	parameters									
L	ΔΓ	OS Information in chronolog	ny <mark>[Only for AF</mark>	[2020 2							
	<u> </u>	73 IIIIOIIIIauoii III Ciiioilolo	gy Corny for AD	o cases _j							
14	N/I/c	s made	an online ann	lication vide	nronosal no		dated				
· Ŧ.		The proposal w									
	(In	dustry-1) held on	Pro	posal was de	eferred for war	nt of additional i	nformation				
		e observations and recomme			ororroa for war	it of additional i	mormadon.				
			orracation to give								
15.	Th	e proponent submitted the	ADS reply vio	de letter dat	ed	uploaded on	PARIVESH				
		Point- wise repl				•					
		S ADS Poi			Reply/Resp	onse of PP					
		No									
			I.								

Slide no. 1

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:

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	

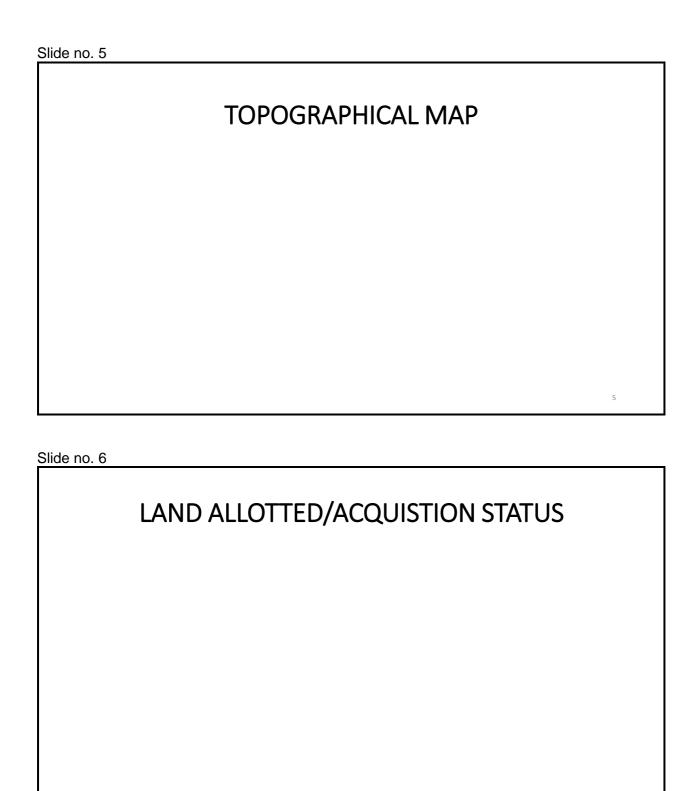
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LOCATION MAP

Slide no. 4

LINK FOR KML FILE & GOOGLE EARTH IMAGE



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

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	9

Slide no. 10

EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

PLANT LAY OUT

11

Slide no. 12

RAW MATERIAL CONSUMPTION

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

Slide no. 13

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

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

13

Slide no. 14

WATER BALANCE DIAGRAM

BASE LINE STUDY AREA MAP WITH LOCATIONS

15

Slide no. 16

METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

Slide no. 17

BASE LINE STUDY REPORTS

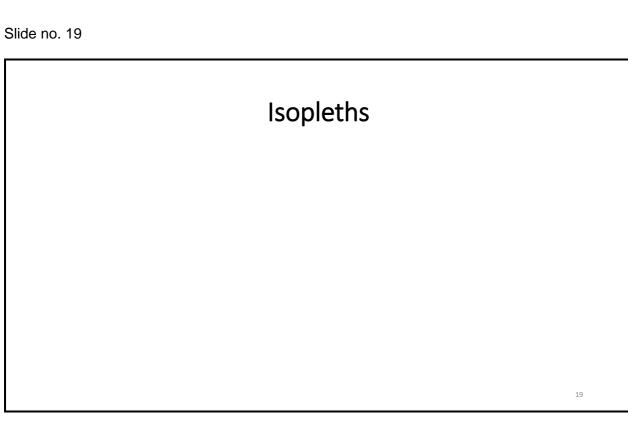
PERIOD			
AAQ PARAMETERS AT LOCATIONS	PM _{2.5} =μg/m³		
	PM ₁₀ =μg/m³		
	SO ₂ =μg/m ³		
	NO ₂ =μg/m ³		
	CO =mg/m ³		
	Any other relevant parameter		
AAQ MODELLING (Incremental GLCs)	PM =µg/m³ (Distance and Direction)		
	SO ₂ =µg/m³ (Distance and Direction)		
	NOx = μg/m³ (Distance and Direction)		
GROUND WATER QUALITY AT	pH:mg/l, Chlorides:mg/l,		
LOCATIONS	Fluoride:mg/l. Heavy metals		
	Any other relevant parameter		
CUREAGE WATER QUALITY	711 POD 777 / POD 777 / P COD		
SURFACE WATER QUALITY	pH:mg/l & COD:mg/l & COD:		
ATLOCATIONS	mg/l. Any other relevant parameter		
NOISE LEVELS ATLOCATIONS	todBA for day time and to		
	dBA for night time.		

17

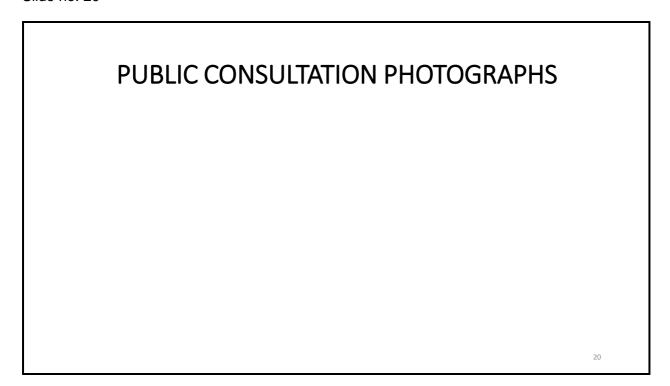
Slide no. 18

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)		



Slide no. 20



PUBLIC CONSULTATION

PUBLIC CONSULIATION
• Notice made through advertisement in the Newspapers andon
• Conducted on(Date) at(Time) at(Venue), Village,
Attended by
• Issues are

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)

23

Slide no. 24

EMP - NOISE(Construction/Operation)



EMP – WATER (Construction/Operation)

23

Slide no. 26

EMP – GREEN BELT (Construction/Operation)

Slide no. 27

EMP - SOLID & HAZARDOUS WASTE MANAGEMENT & DISPOSAL

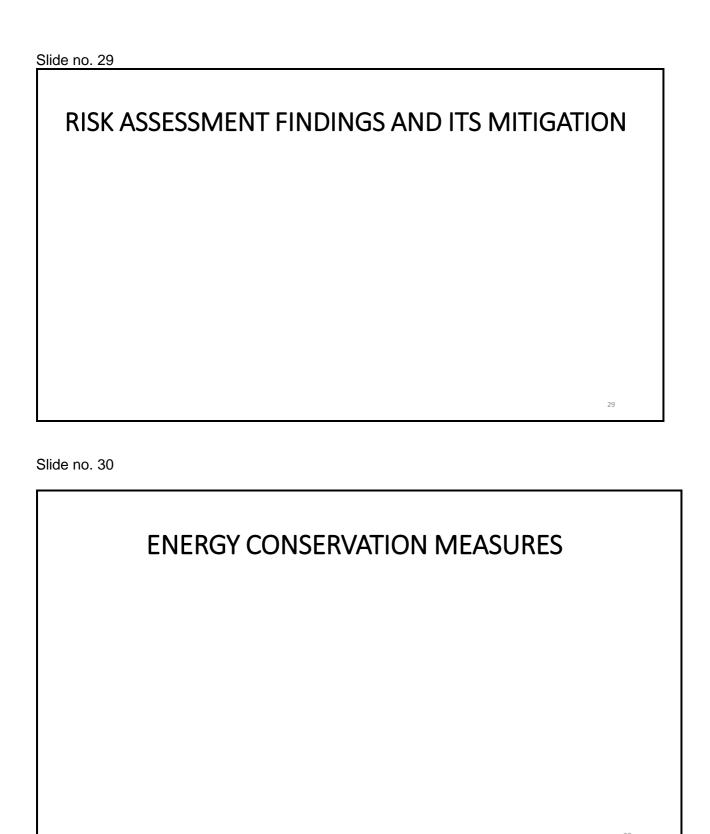
SL.	TYPE OF WASTE	QUANTITY (TPD)			MODE OF	AGREEMENT
NO.		EXISTING	PROPOSED	TOTAL	DISPOSAL	DETAILS FOR DISPOSAL

27

Slide no. 28

POST PROJECT MONITORING

SL.	ENVIRONMENT	COST OF EMP						REMARKS
NO	/SOCIAL EXISTING		PROPOSED		TOTAL			
	CONTROL MEASURE	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	



Slide no. 31

DIRECTION/COURT CASE/LITIGATION

31

Slide no. 32

ANY OTHER RELEVANT INFORMATION

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. 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

LOCATION MAP

3

Slide No. 4

LINK FOR KML FILE

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

Slide No. 7

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

9

Slide No. 10

RAW MATERIAL CONSUMPTION

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

Slide No. 11

FUEL, POWER & WATER CONSUMPTION

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

11

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			

STUDY AREA MAP WITH LOCATIONS

Slide No. 14

DIRECTIONS/COURT CASE/LITIGATION

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	
	chairman.eac.ind.1@gmail.com	
2.	Dr. Dipankar Shome	Vice Chairman
	House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-	
	440007	
3.	dshome61@gmail.com	Marahar
3.	Dr. S Ranganathan	Member
	AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahälli, Near Sakra World Hospital, Bengaluru	
	560103	
	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	
	ranjitnitj@gmail.com	
5.	Dr. E V R Raju	Member
	Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049,	
	telangana. 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	
	sksinghdce@gmail.com,	
7.	Dr. Jai Krishna Pandey	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: 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	
	sshemant 801@rediffmail.com	

S. No.	Name & Address	Position
10.	Dr B Mohapatra,	Member
10.	Director General,	Wichiber
	(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
12.	Scientist 'E'	Womboi
	(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	
4.4	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	

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 **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.
