

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



### **Agenda of Expert Appraisal Committee**

**Meeting ID** : IA/IND/13495/15/05/2023

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

**Meeting Type** : Video Conference

Agenda Generation Date : 04-05-2023

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	15 May 2023	10:30 AM	18:00 PM

a Till on

Date of Meeting: 15-05-2023

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/MH/IND1/ 407743/202 2	J- 11011/79/20 21- IA.II(I)(Ind1)	Proposed 1X18 MVA (Submerged Arc Furnace) Silico-Manganese (25,000 TPA) ferro-alloys production plant by M/s MOIL Limited at Plot No.: 50, 59, 60, 61/1, 61/2, 61/3, 61/4, 61/5, 63, Gumgaon Mines, Village – Ranjhana, Khapa; Tehsil-Saoner, Dist Nagpur; Maharashtra	MOIL LIMITED.	Tehsil: District: State: Maharashtra	EC
2	IA/WB/IND1/ 401118/202 2	IA-J- 11011/62/20 20-IA-II(I)	Proposed Expansion of the existing Steel Plant by installation of 4x30 T Induction Furnaces with 1x40T LRF & two (2- strand each) CCM and enhancement of the capacity of the Rolling Mill from 2,22,000 TPA to 5,02,000 TPA	ADHUNIK INDUSTRIES LTD	Tehsil: District: State: West Bengal	EC
3	IA/OR/IND1/ 415893/202 3	IA-J- 11011/323/2 022-IA- II(IND-I)	Environmental Clearance as per Provision under EIA Notification No. S.O. 3250 (E) dtd.20th July 2022 for Existing Rolling Mill with CCM having Installed Capacity of 3,00,000 TPA within the existing Integrated Steel Plant Premises of M/s Viraj Steel & Energy Private Limited Located At: Gurupalli, PO: Lapanga, Tehsil: Rengali, District: Sambalpur, Odisha.	VIRAJ STEEL & ENERGY PRIVATE LIMITED	Tehsil: District: State: Orissa	EC

4	2	Production from 49,500 TPA to 1, 22,100 TPA along with Captive Power Plant of 12 MW and Ferro Alloy Plant (16,000 TPA) with Installation of 9 MVA SAF at Plot No G-4, Mangalpur Industrial Estate, PO-Baktarnagar, PS - Raniganj, Distt Paschim	M/S SHREEGOPAL GOVIND SPONGE PRIVATE LIMITED	Tehsil: District: State: West Bengal	EC
5	IA/AP/IND/2 98337/2023	Ms Shyam Ferrous Limited	SHYAM FERROUS LIMITED	Tehsil: Narwal District: Sri Sathya Sai State: Andhra Pradesh	Amendment TOR

# Any Other Item:

S.No	Proposal No.	File No.	Proposal For	Proposal Name	Location	Remarks
1	Proposal No. IA/RJ/IND/2 99608/2023	File No. IA-J - 11011/498/2 021-IA- II(IND-I)	Mod in TOR	30.6 Proposed Integrated Cement Plant - Clinker (2 x 4.0 Million TPA), Cement (2 x 3.0 Million TPA), WHRS (2 x 25 MW), DG Set [2 x 1250 KVA (1000 KVA or 500 KVA, 250 KVA & 125 KVA)], Oxygen Plant (2 x 80 m3/hr) in phased manner along with installation of Railway Siding with Wagon Tippler by M/s. JK Cement Ltd., located at Village: Parewar, Tehsil & District: Jaisalmer, Rajasthan— Consideration of Modification in TOR	Village: District: State:	
				[Proposal No. IA/RJ/IND/2996 08/2023; File No. IA-J- 11011/498/2021 -IA-II(IND-I);]		

# **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)

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Dated: 04.05.2023

# AGENDA FOR 30<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON MAY 15, 2023

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

- 1. It is informed that the 30<sup>th</sup> Meeting of EAC is scheduled to be held during 15<sup>th</sup> May, 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 08.05.2023.
- 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. 30.1 (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 08.05.2023. 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/e-mail pertaining to the projects latest by <a href="Most-2023"><u>08.05.2023</u></a> 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., <a href="https://www.parivesh.nic.in">www.parivesh.nic.in</a>.
- 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 08.0.2023. 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:

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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 08.05.2023.
- 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.

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(Dr. R. B. Lal)
Director/Scientist F &
Member Secretary, EAC (Industry-1 Sector)

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

# AGENDA FOR 30<sup>th</sup> EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING MAY 15, 2023

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

**MAY 15, 2023 (MONDAY)** 

Time: 10:30 AM onwards

# **Consideration in Environmental Clearance Proposals**

30.1 Proposed 1X18 MVA (Submerged Arc Furnace) Silico-Manganese (25,000 TPA) ferro-alloys production plant by M/s MOIL Limited, located at Plot No.: 50, 59, 60, 61/1, 61/2, 61/3, 61/4, 61/5, 63, Gumgaon Mines, Village – Ranjhana, Khapa; Tehsil-Saoner, Dist. - Nagpur; Maharashtra – Consideration of Environmental Clearance

[Proposal No. IA/MH/IND1/407743/2022; File No. J-11011/79/2021-IA.II(I)] [Consultant: Ultra-Tech; Valid upto 06.06.2023]

30.2 Proposed Expansion of the existing Steel Plant by installation of 4x30 T Induction Furnaces with 1x40T LRF & two (2-strand each) CCM and enhancement of the capacity of the Rolling Mill from 2,22,000 TPA to 5,02,000 TPA, by M/s Adhunik Industries Ltd., located at Village: Angadpur, Raturia, Durgapur, District: Paschim Bardhaman, West Bengal- Consideration of Environmental Clearance

[Proposal No. IA/WB/IND1/401118/2022; File No. IA-J-11011/62/2020-IA-II(I)] [Consultant: Environtech East Pvt. Limited; Valid upto 12.09.2025]

30.3 Existing Rolling Mill with CCM having Installed Capacity of 3,00,000 TPA within the existing Integrated Steel Plant Premises by M/s Viraj Steel & Energy Private Limited, located at: Gurupalli, PO: Lapanga, Tehsil: Rengali, District: Sambalpur, Odisha– Consideration of Environmental Clearance

[Proposal No. IA/OR/IND1/415893/2023; File No. IA-J-11011/323/2022-IA-II(IND-I) [Consultant: Kalyani Laboratories Private Limited; Valid upto 02.03.2023]

30.4 Expansion in Sponge Iron Production from 49,500 TPA to 1, 22,100 TPA along with Captive Power Plant of 12 MW and Ferro Alloy Plant (16,000 TPA) with Installation of 9 MVA SAF by M/s Shreegopal Govind Sponge Private Limited, located at Plot No G-4, Mangalpur Industrial Estate, PO-Baktarnagar, PS - Raniganj, District - Paschim Bardhaman, West Bengal- Consideration of Environmental Clearance

[Proposal No. IA/WB/IND1/408553/2022; File No. IA-J-11011/194/2021-IA-II (IND-I)] [Consultant: Grass Roots Research and Creation India (P) Ltd.; Valid upto 2024-02-15]

# **Consideration in Amendment in TOR Proposal**

30.5 Amendment for expansion of production for induction furnace and rolling mill of **M/s Shyam** Ferrous Limited, located Sy. No. 67/2, 68/2, Village Devarapalli, Mandal Hindupur, District Satya Sai, Andhra Pradesh – Consideration of Modification in TOR

[Proposal No. IA/AP/IND/298337/2023; File No. J-11011/634/2009-IA II (I)]

30.6 Proposed Integrated Cement Plant - Clinker (2 x 4.0 Million TPA), Cement (2 x 3.0 Million TPA), WHRS (2 x 25 MW), DG Set [2 x 1250 KVA {1000 KVA or 500 KVA, 250 KVA & 125 KVA}], Oxygen Plant (2 x 80 m3/hr) in phased manner along with installation of Railway Siding with Wagon Tippler by M/s. JK Cement Ltd., located at Village: Parewar, Tehsil & District: Jaisalmer, Rajasthan– Consideration of Modification in TOR

[Proposal No. IA/RJ/IND/299608/2023; File No. IA-J-11011/498/2021-IA-II(IND-I);]

30.7 Any other item with permission of the Chair.

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

1.	M/s	has made an	online application vide	proposal no	Dated
	alc	ong with copy of EIA/EM	P report, Form and	Certified compliance	<u>e report</u> [ <mark>Only for</mark>
	expansion and clau	<mark>se <i>7(ii) cases</i>] seeking E</mark>	nvironment Clearance	(EC) under the pro	visions of the EIA
	Notification, 2006 fo	or the project mentioned a	bove. The proposed p	project activity is liste	ed at schedule no.
	(all schedules perta	nining to the project)	Un	der Category "	" Of the schedule
	of the EIA Notificat	ion, 2006 and attracts g	eneral condition due	to(	<mark>′if <i>applicabl</i>e)</mark> and
	appraised at Centra	l 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 in	Village,	Tehsil,	District, .	State is for	r
	setting up of a new	For production	of Millior	n Tons Per A	Annum (MTPA)/	enhancement of	f
	production of From	m 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.		Project site: N Study Area: Habitation	Distance	e (if any)  Direction	Status of R&R.
4.	Latitude and Longitude of <u>all corners</u> of the project site.	Point	Latitude	Longitude	
5.	Elevation of the project site	M above	mean sea lev	/el	
6.	Involvement of Forest land if any.	Status of stage Area of the fo			
7.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage,	Project site: Name Study area Water body	Distanc	ce Direction	Authenticated HFL data of the water body shall be furnished.

S. No.	Particulars	Details	Remarks
	study area		
8.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area	Study area 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: 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:

					ies as po mendme					Pro	nosod		inal	
	Plant			Implemented (A)		Un- impleme nted (B)		As per CTO		Proposed Units		(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 required per annum			Source	Distance	Mode of
No.		Existing	Expansion	Total		from site (Kms)	Transportation

surface water is obtained from	Vide Lr. No	Dated
Existing power requirement of MW	s obtained from	[Only for expansion and clause 7(ii)
cases]. The power requirement for the	e proposed project is	estimated asMW, out of which

10.

......MW will be obtained from the ......

Baseline Environm	nental Studies (In case of clause 7(ii) projects from post pr	<mark>oject monitoring dat</mark> a
Period		Additional study (if any)
AAQ parameters	PM <sub>2.5</sub> = To μg/m <sup>3</sup>	
at	PM <sub>10</sub> = To Mg/m <sup>3</sup>	
Locations (min	SO <sub>2</sub> = to μg/m <sup>3</sup>	
and max)	Nox = Το μg/m <sup>3</sup>	
,	CO = To µg/m <sup>3</sup>	
Incremental GLC	PM <sub>10</sub> = μg/m³ (Level atkm in Direction)	
level	SO <sub>2</sub> = μg/m³ (Level atkm in	
	Direction)	
	Nox = μg/m³ (Level atkm in	
	Direction)	
0 1 1	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	to for the devictions and to	
Noise levels Leq	to for the day time and to	
(Day and Night) Traffic	for the Night time.	
	Traffic study has been conducted at	
assessment study findings	NH/SH/MDRwhich is	
illiuligs	approximately(distance) from the plant site.	
	Transportation of raw material, fuel & finished     product will be done. % by read.	
	product will be done% by road.  Existing PCU is PCU/hr on	
	<ul> <li>Existing PCU is PCU/hr on</li></ul>	
	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.	
	Constraint The level of comics will	
	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 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	(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,
	consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as

	25							I in hectares in	
<mark>16.</mark>		nas been repo nuse 7(ii) case		at following will be re	esource cons	sumption after	the propose	d change: <mark>[In case of</mark>	
	Par	ticulars	As	per EC dated		posed change der para 7(ii)	<b>)</b>	% increase	
-	and				ui.	idei para 7(ii)			
<u> </u>	reen	holt							
_	Vater	Deit							
_	ower	,							
_		aterials							
_	rodu								
			ssessm	ent <mark>[In case of claus</mark>	se 7(ii) cases	onlv1			
Г		ticulars		per EC dated		posed change	<u> </u>	% increase	
			7.0			der para 7(ii)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
А	ir					1 7			
٧	Vater								
	olid	and							
		Hazardous							
		waste							
T	raffic	load							
<ul><li>18.</li><li>19.</li><li>20.</li></ul>	und Na Ce Ce Th 	der consideration of the land	ation sha EIA cor ension L liance r compliar ated partially	all be furnished. sultant: M/s; Valid eport from Region nce of earlier EC w	d up toal Office [Office as obtained name of M/ndition was	[S. No. Rev,  In the second of the second	, List ]. on and claus Office, The o Regional	of ACOs with their  of ACO	
	the rep giv	same and h	nas issu	ed letter dated along with its	The re-assessme	details of the o ent / present s	observations status as fur	s made by RO in the mished by the PP is	
S.	No.	Non-		bservation of RO		Condition no.		Re-assessment by	
		complianc details	es	(abridged)	EC date	Specific	General	RO / Response by PP	
V D.C	: Info	rmation in a	bronsla	any [Only for ADC o	20001				
21.	ADS Information in chronology [Only for ADS cases]  1. M/s								
22.				ted the ADS replyise reply of ADS is g			uploa	ided on PARIVESH	
	S No	o	ADS	Point		Reply/Re	esponse of	PP	
	•	1			•				

# Annexure - II

# Format for Brief Write-Up (ToR)

1.	M/s has made an application online vide proposal no c	betat
	along with the application in prescribed format (Form-I), copy of pre-feasibility re	eport
	and proposed ToRs for undertaking detailed EIA study as per the EIA Notification, 2006 fo	r the
	project mentioned above. The proposed project activity is listed at S. No	under
	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 Lo	evel.

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

3. Environmental site settings

S.No.	Particulars		Details		Remarks
i.	Total land	ha [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:	_		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	
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	Direction	
	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: roject 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:

	Plant						EC dated dated			Prov	osed	Fi	inal	
		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 Material	Quantity required per annum			Source	Distance	Mode of	
		Existing	Expansion	Total		from site (Kms)	Transportation	

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 asm <sup>3</sup> /day, out of
	whichm <sup>3</sup> /day of fresh water requirement will be obtained from the and the remaining
	requirement ofm <sup>3</sup> /day will be met from the The permission for drawl of groundwater /
	surface water is obtained from vide Lr. No dated

9.		rement of MW is of proposed project is est							
10.	protection measures	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 consideration s	n under EIA, 2006/court of shall be furnished.	case/show caus	se/direction if	any, related to	the project			
	Certificate / Extension	onsultant: M/sn Letter no; Valid u	p to Rev	·,	]	with their			
13.		Reference (Baseline data							
_	Attributes	Param	eters	Samp	ling	Remarks			
	A. Air			No. of stations	Frequency				
	a. Meteorological parameters								
-	b. AAQ parameters								
F	B. Noise								
-	C. Water								
F		ad water							
	Surface water/Grour quality parameters	nd water							
	D. Land								
	a. Soil quality								
	b. Land use								
Ī	E. Biological								
	a. Aquatic								
	b. Terrestrial								
F	F. Socio-economic								
	parameters								
_	ADS Information in	chronology [Only for Al	OS cases]						
14.	M/s The p (Industry-1) held on	made an online approposal was initially con Produced recommendation is given	olication vide prosidered in	meeti	ng of Re-const	ituted EAC			
15.		nitted the ADS reply vi - wise reply of ADS is giv		·	uploaded on	PARIVESH			
	S No	ADS Point	CIT GO DOIOW.	Reply/Resp	onse of PP				
	140								

# 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

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

# 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

# **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)

11

# 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			

13

# Slide no. 14

# WATER BALANCE DIAGRAM

# BASE LINE STUDY AREA MAP WITH LOCATIONS

15

Slide no. 16

# METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

# **BASE LINE STUDY REPORTS**

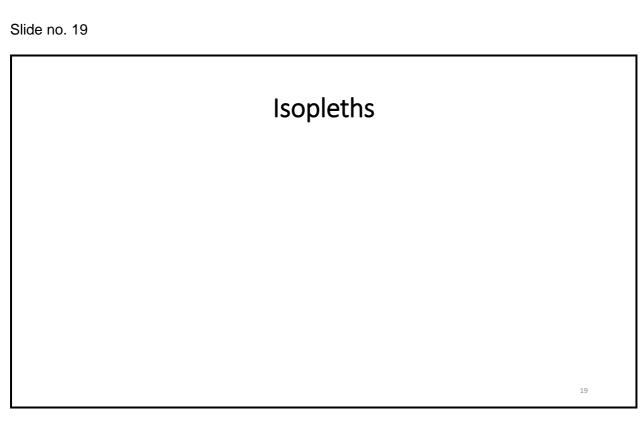
PERIOD			
AAQ PARAMETERS AT LOCATIONS	PM <sub>2.5</sub> =μg/m <sup>3</sup>		
	PM <sub>10</sub> =μg/m³		
	SO <sub>2</sub> =μg/m <sup>3</sup>		
	NO <sub>2</sub> =μg/m <sup>3</sup>		
	CO =mg/m <sup>3</sup>		
	Any other relevant parameter		
AAQ MODELLING (Incremental GLCs)	PM =µg/m³ (Distance and Direction)		
	SO <sub>2</sub> =μg/m <sup>3</sup> (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		
	# 202 # 202		
SURFACE WATER QUALITY	, , , , , , , , , , , , , , , , , , , ,		
ATLOCATIONS	mg/l. Any other relevant parameter		
NOISE LEVELS ATLOCATIONS	todBA for day time and to		
	dBA for night time.		

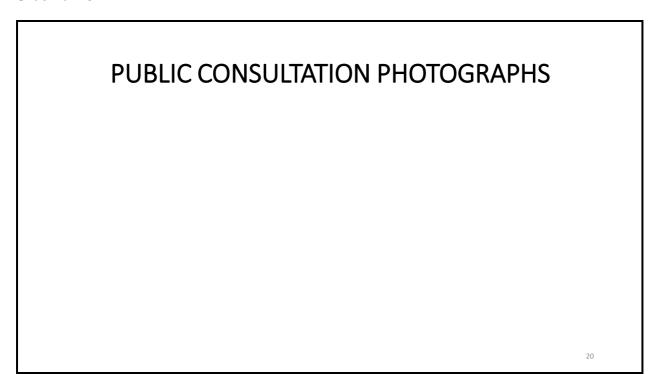
17

### 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)		





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

# **ACTION PLAN TO ADDRESS PH ISSUES**

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



# EMP – AIR (Construction/Operation)

23

# 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

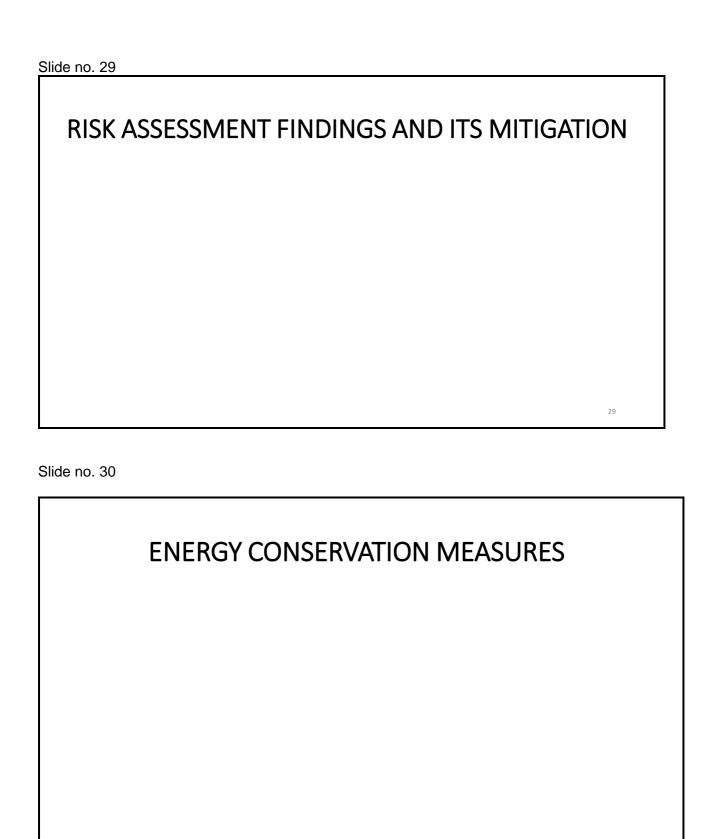
SL.	TYPE OF WASTE	,				AGREEMENT	
NO.		EXISTING	PROPOSED	TOTAL	DISPOSAL	DETAILS FOR DISPOSAL	

27

### Slide no. 28

# POST PROJECT MONITORING

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



# 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.

# 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	

# LOCATION MAP

# 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

# 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			

11

# Slide No. 12

# **PROPOSED TOR**

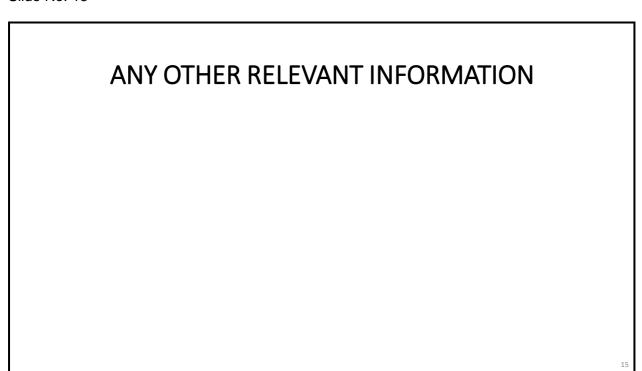
Attributes	Sampling		Remarks
A. Air	No. of stations	Frequency	
a. Meteorological parameters			
a. AAQ parameters			
A. Noise			
A. Water			
Surface water/Ground water quality			
parameters			
A. Land			
a. Soil quality			
b. Land use			
A. Biological			
a. Aquatic			
b. Terrestrial			
A. Socio-economic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

# STUDY AREA MAP WITH LOCATIONS

13

Slide No. 14

# DIRECTIONS/COURT CASE/LITIGATION



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

S.	Name & Address	Position
<b>No.</b> 1.	Shri Rajive Kumar, IFS Retired	Chairman
١.	B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-	Griairman
	226010	
	Email: chairman.eac.ind.1@gmail.com	
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
	120, Third Cross Eleventh Main Grain Merchant Layout	
	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	
7.	Email: sksinghdce@gmail.com  Dr. Joi Krishna Bandov	Member
/.	Dr. Jai Krishna Pandey Chief Scientist & Head, Mine Fire, Ventilation and Miner's health	Member
	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 Director General (Actg.), (Representative of National Council for Cement and Building Materials) 34, Km Stone, Delhi-Mathura Road (NH-2), Near Sant Surdas	Member
	(Sihi) Metro Station, Sector 4, Ballabhgarh, Faridabad, Haryana 121004 Email: dg@ncbindia.com	
11.	Shri Nazimuddin, 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	Member
12.	Dr. Sanjay Bist, Scientist 'E' (Representative of Indian Meteorological Department), Mausam Bhawan, Lodhi Road, New Delhi – 110003 Email: sanjay.bist@imd.gov.in	Member
13.	Dr. S. Raghavan, Scientist "D", (Representative of National Institute of Occupational Health) Regional Occupational Health Centre, ROHC(S), Bangalore Email: <a href="mailto:raghuharihar@gov.in">raghuharihar@gov.in</a> , <a href="mailto:raghuharihar@gov.in">raghuharihar@gov.in</a>	Member
14.	Dr. R. B. Lal Scientist 'F'/ 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

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### **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.

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