

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



Agenda of Expert Appraisal Committee

Meeting ID : IA/IND/13278/14/07/2022

Meeting Venue

: INDUS CONFERENCE ROOM, JAL WING, GROUNF FLOOR, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 through Physical Mode / Hybrid Mode

Meeting Type : Hybrid **Agenda Generation Date** : 30-06-2022

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	Date (From)	Date (To)
1	14 Jul 2022	10:00 AM	17:30 PM

Date of Meeting: 14-07-2022

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/MP/IND/2 67575/2009	J- 11011/7/201 0-IA II(I)	Royal Uniforce Roofing Pvt Ltd	ROYAL UNIFORCE ROOFING PVT LTD	Tehsil: Sausar District: Chhindwara State: Madhya Pradesh	EC
2	IA/KA/IND/2 69776/2009	J- 11011/576/2 009-IA-II (I)	addition of Steel Melting Shop-3,72,352 TPA producing Steel Rolled Product of 3,43,312 TPA, Sponge Iron Plant of 2x 350 TPD, Captive Power plant 40 MW(AFBC-21, WHRB-19) to the Existing Facility: Sp	JANKI CORP LIMITED	Tehsil: Bellary District: Bellary State: Karnataka	EC
3	IA/KA/IND/2 75015/2022		EXPANSION OF EXISTING STEEL PLANT (PROPOSED TO INTEGRATED STEEL PLANT)	M/S VANYA STEELS PVT. LTD	Tehsil: Koppal District: Koppal State: Karnataka	Amendment TOR
4	IA/CG/IND/2 75345/2004	NIL	Sunil Ispat & Power Limited	SUNIL ISPAT AND POWER LIMITED	Tehsil: Raigarh District: Raigarh State: Chhattisgarh	EC
5	IA/GJ/IND/2 73370/2022	IA-J- 11011/173/2 022-IA- II(IND-I)	Establishment of 3,600 TPA Low Carbon Ferro Manganese Plant and 350,000 TPA Cold Rolling Mill Complex having HCI acid Pickling Line, Cold Rolling Mills, Galvalume Line, Galvanizing Line, Color Coating Line and other Finishing facilities (Greenfield Project) at Village – Chasara, Taluka- Mundra, Distt. Kachchh, Gujarat by Gaurang Profiles India Pvt Ltd	GAURANG PROFILES INDIA PRIVATE LIMITED	Tehsil: Mundra District: kutch State: Gujarat	TOR

6	IA/KA/IND/2 64821/2022	Project by adding Beneficiation Plant, Sponge Iron Plant, Induction Furnace, Captive Power Plant and Rolling Mill in the Existing Sponge Iron Plant of M/s. Bhadrashree Steel and	Tehsil: Koppal District: Koppal State: Karnataka	Amendment TOR	
		Pow			

Any Other Item with Permission of Chairman:

		File No.	Proposal Name	1 7	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	jaikrishnapandey@gmail.com
7	Dr. Dipankar Shome	Member	dshome61@gmail.com
8	Dr. Tejaswini Ananthkumar	Member	tejaswini.acf@gmail.com
9	Dr. Hemant Sahasrabuddhe	Member	sshemant_801@rediffmail.com
10	Representative of National Council for Cement and Building Materials	Member	dg@ncbindia.com
11	Representative of Central Pollution Control Board	Member	mscb.cpcb@nic.in
12	Representative of National Institute of Occupational Health	Member	director-nioh@gov.in
13	Representative of Indian Meteorological Department	Member	directorgeneral.imd@imd.gov.in
14	Dr. R. B. Lal	Member Secretary	rb.lal@nic.in

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

Dated: 30.06.2022

AGENDA FOR 9th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD DURING July 14, 2022 THROUGH HYBRID MODE

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

- It is informed that the 9th Meeting of EAC is scheduled to be held during July 14, 2022 through Physical/Hybrid Mode and accordingly all Project Proponents are requested to send all the documents (viz. Presentation as per template, Brief, EIA/EMP Report and other requisite documents) to the EAC/Ministry immediately or latest by 05.07.2022.
- 2. It is requested that the Project Proponent or his/her authorized representative should participate the presentation meeting of EAC_through Physical/Hybrid 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 <u>Hybrid Mode</u> meeting. 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. 9.1 (Name of PP) & Name of Consultant].
- 4. For the purpose, the documents such as Form-1, Pre-feasibility report, Environment Impact Assessment Report, public hearing report, Action Plan on the issues raised during PH, queries (EDS and ADS) subsequently raised by the Ministry, if any, and your para-wise comments thereto etc., in accordance with Environment Impact Assessment Notification, 2006 are required to be forwarded to the Chairman/Members of the Expert Appraisal Committee including details of the court matters/Orders of the Court pertaining to the project, if any. <a href="Accordingly, it is requested to forward a copy of each of these said documents by soft copy/e-mail to the Chairman/members of the Expert Appraisal Committee by 05.07.2022. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action. Further, hard copy of Brief and PPT shall send to the EAC Members positively by 05.07.2022.
- 5. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/e-mail pertaining to the projects latest by 05.07.2022 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 05.07.2022. 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, 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 05.07.2022.
- 9. During presentations all the important features/critical parameters such as **details of Court** cases and directions of the SPCBs/CPCB and its implementation status needs to be presented.
- 10. In accordance with the circular no. IA-3-22/10/2022-IA.III [E-177258], dated 8th June 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 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. CCR issued shall be valid for period of one year from the date of inspection 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 drone survey for the site, if conducted, needs to be presented before the EAC during appraisal of the project.

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(Dr. R. B. Lal)
Additional Director & 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 9th EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING JULY 14, 2022

Venue: INDUS CONFERENCE ROOM, JAL WING, GROUNF FLOOR, Ministry of

Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh

Road, New Delhi-110003 through Physical Mode / Hybrid Mode

Day 1 - JULY 14, 2022 (THURSDAY)

Time: 10:30 Hrs -13.30 Hrs

Consideration of Environmental Clearance Proposals

9.1 Proposed capacity expansion of asbestos cement sheets & accessories project from 60000 TPA to 250000 TPA (Phase 1, from 60000 TPA to 100000 TPA within existing plant & Phase 2 of 150000 TPA by installation of new plant) by M/s. Royal Uniforce Roofing Pvt. Ltd. located at Industrial Growth Centre Borgaon, Saunsar District Chhindwara, Madhya Pradesh – Consideration of Environmental Clearance

[Proposal No. IA/MP/IND/267575/2009; File No. J-11011/7/2010-IA II(I)] [Consultant: Paramarsh Servicing Environment and Development, Lucknow; Valid upto 01.05.2024]

9.2 Expansion of Integrated Steel Plant with addition Steel Melting Shop-3,72,352 TPA producing steel Rolled Product of 3,43,312 TPA, Sponge Iron Plant of 2x 350 TPD, Captive Power plant 40 MW(AFBC-21, WHRB-19) to the Existing Facility: Sponge Iron Plant: 6x 100 TPD, Pellet Plant: 6,00,000 TPA, Captive Power Plant 15 MW(WHRB) and Iron Ore beneficiation Plant 6,00,000 TPA by M/s. Janki Corporation Limited located at Sidiginamola village, Bellary Taluk and District, Karnataka – Consideration of Environmental Clearance

[Proposal No. IA/KA/IND/269776/2009; File No. J-11011/576/2009-IA-II (I)] [Consultant: Ardra Consulting Services Pvt. Ltd.; Valid upto: 29.12.2022]

Amendment/ Modification of TOR Proposal

9.3 Expansion of Existing Steel Plant (Proposed to Integrated Steel Plant) by M/s Vanya Steels Private Limited located at Sy. No. 45,47,48, 49-A, 50-62, Hirebaganal, Koppal, Karnataka – Amendment of Terms of Reference

[Proposal No. IA/KA/IND/275015/2022, File No. J-11011/269/2007-IA.II(I)] [Consultant: Ecomen Laboratories Pvt. Ltd., Lucknow; Valid upto 21.09.2023]

Lunch Break 13.30 to 14.00 Hrs

Time: 14.00 Hrs -17.30 Hrs

Consideration in EC Proposal

9.4 Proposed expansion of Steel Plant – DRI Kiln (Sponge Iron from 1,15,000 TPA to 3,46,500 TPA), Induction Furnaces with matching LRF & CCM (MS Billets / Ingots from 30,000 TPA to 3,46,800 TPA), Rolling Mill with hot charging (Rolled Products 30,000 TPA to 2,90,000 TPA), New Rolling Mill with Conventional with LDO (Rolled Products 30,000 TPA), New Ferro Alloy Unit with 2x18 MVA Submerged Electric Furnaces (FeMn 90,000 TPA/SiMn 60,000 TPA / FeCr 60,000 TPA / FeSi 30,000 TPA/Pig Iron – 90,000 TPA /Cast iron – 90,000 TPA), WHRB based Power Plant from 12 MW to 34 MW, CFBC based Power Plant 4.9 MW to 29.9 MW & New Fly Ash brick manufacturing unit (38,000 Bricks/day) by M/s Sunil Ispat and Power Limited located at Chiraipani Village, Lakha Gram Panchayat, Raigarh Tehsil & District, Chhattisgarh – Consideration of Environmental Clearance

[Proposal No. IA/CG/IND/275345/2004, File No. J- 11011/13/2021-IA.II(I)] [Consultant: Pioneer Enviro Laboratories and Consultants Private Limited; Valid upto 21.09.2022]

Consideration in TOR Proposal

9.5 Expansion Establishment of 3,600 TPA Low Carbon Ferro Manganese Plant and 350,000 TPA Cold Rolling Mill Complex having HCl acid Pickling Line, Cold Rolling Mills, Galvalume Line, Galvanizing Line, Color Coating Line and other Finishing facilities (Greenfield Project) by M/s. Gaurang Profiles India Pvt, Ltd. located at Village – Chasara, Taluka Mundra, District Kachchh, Gujarat – Consideration of Terms of Reference

[Proposal No. IA/GJ/IND/273370/2022, File No. IA-J-11011/173/2022-IA-II(IND-I)] [Consultant: Vardan Environet, Lucknow; Valid upto 05.05.2023]

Consideration in Modification in TOR Proposal

9.6 Proposed Expansion Project by adding Iron Ore Beneficiation Plant - 0.6 MTPA, Sponge Iron 2 X 100 TPD, Induction Furnace 2 X 15 TPD, Rolling Mill 120000 TPA, Captive Power Plant 15 MW (WHRB – 8 MW + AFBC – 7 MW) by M/s. Bhadrashree Steel and Power Private Limited at Kunikeri village, Koppal Taluk & District, Karnataka – Amendment of Terms of Reference

[Proposal No. IA/KA/IND/264821/2022, File No. IA-J-11011/45/2019-IA-II(I)] [Consultant: Ardra Consulting Services Pvt. Ltd; Valid upto 29.12.2022]

9.7 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	. along with copy of EIA/EMP report, Form - 2 and Certified compliance report
	[Only for expansion	and clause 7(ii) cases] seeking Environment Clearance (EC) under the
	provisions of the EIA	Notification, 2006 for the project mentioned above. The proposed project
	activity is listed at se	chedule no. (all schedules pertaining to the project)
	Under Category "	." Of the schedule of the EIA Notification, 2006 and attracts general condition
	due to	. <mark>(if applicable)</mark> and appraised 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

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

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

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
	<mark>cases</mark>]

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					Bro	oosed	F	inal	
CI.	Plant	Tot (A+			emented (A)	imp	Jn- Ieme d (B)		per TO		nits		sting + osed)	
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 a	nnum	Source	Distance	Mode of
No.		Existing	Expansion	Total		from site (Kms)	Transportation

9.	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 and clause 7(ii) cases]. The water requirement for the proposed project is estimated as
	m 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	/ surface water is obtained from	Vide Lr. No	Dated

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

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

Baseline Environme	ental Studies (<mark>In case of clause 7(ii) projects from post pro</mark>	ject monitoring data
		Additional
Period		study (if any)
AAQ parameters	PM _{2.5} = Το μg/m ³	
at	$PM_{10} = To Mg/m^3$	
Locations (min	$SO_2 =$ to $\mu g/m^3$	
and max) `	Nox = Το μg/m ³	
,	$CO = \dots To \dots \mu g/m^3$	
Incremental GLC	PM ₁₀ = μg/m ³ (Level atkm in Direction)	
level	$SO_2 = \dots \mu g/m^3$ (Level atkm in	
	Direction)	
	Nox = $\mu g/m^3$ (Level atkm in	
	Direction)	
	$CO = \dots \mu g/m^3$ (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 Leq	to for the day time and to for	
(Day and Night)	the Night time.	
Traffic	 Traffic study has been conducted at 	
assessment study	NH/SH/MDRwhich is	
findings	approximately(distance) from the plant	
	site.	
	• Transportation of raw material, fuel & finished	
	product will be done% by road.	
	• Existing PCU is PCU/hr on	
	(NH/SH/MDR) and existing level of	
	service (LOS) is:	
	Road V C Existing LOS	
	(Volume (Capacity V/C	
	in Ratio	
	PCU/hr.) PCU/hr.)	
	PCU load after proposed project will	
	be(Existing) +(Additional) PCU/hr	
	and level of service (LOS) will be:	
	Road V C Proposed LOS	
	(Volume (Capacity V/C Ratio	
	in in	
	PCU/hr.) PCU/hr.)	
	* Note: Capacity as per IRC Guide line for	
	capacity for roads.	

	Conclusion: The level of service will after including additional traffic due to proposed project.	
Flora and fauna	Presence of schedule I fauna and endangered Flora if any. If yes, status of site specific wildlife conservation plan.	

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

S. lo.	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		f implementa udget in INR)	tion	Total Expenditur
	Name of the Activity	Physical Targets	1 st	2 nd	3 rd	e (Rs. in Crores)

14. Existing capital cost of project was.......[Only for expansion and clause 7(ii) cases]. The capital cost of the proposed project is Rs.......Crores and the capital cost for environmental protection measures is proposed as Rs......Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs......Crores. The employment generation from the proposed project / expansion is.................................. The details of cost for environmental protection measures is as follows:

S.No.	Description of Item	Existing Cro	(Rs. In es/lakhs)	Proposed Crore	(Rs. In es/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
	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. Am wide greenbelt,

C	t has been i case of claus			e resource	consumption	after the	proposed change: [Ir
Р	articulars	A	s per EC dated		oosed chang der para 7(ii)		% increase
Lan	nd				der para 7(II)	/	
	enbelt						
Wa							
Pov	ver						
Rav	wmaterials						
Pro	ducts						
F	Pollution load		sment [In case of cla As per EC date		ter proposed		% increase
					change und		
Λir					para 7(ii))	
Air Wa	tor						
Soli		and	1				
3011	Hazardo						
Tra	ffic load	aomaoid					
u N C	inder considual lame of the Certificate / E	leration EIA co Extensio	shall be furnished. onsultant: M/s on Letter no; Va	alid up to	[S.No Rev	, Li .,	st of ACOs with their
u . N . C . T n r(Inder consider and the Certificate / Ecertificate /	leration EIA control Extension mpliane of compliane in, da e partia vide let e same report of	shall be furnished. consultant: M/s; Vace report from Regionance of earlier EC valued ted	onal Office was obtaine ne name of I ndition was dated	[S.No Rev [Only for exp d from Region M/s s submitted to	ansion ar nal Office T o Region MoEF&C etails of tl	st of ACOs with their]. Ind clause 7(ii) cases Ind clause 7(iii) cases Ind clause 7(iiii) cases Ind clause 7(iiii) cases Ind clau
u . N . C . T m ro e b	consider consider and a consider consider consider consider consider and a consid	leration EIA control Extension mpliane of compliant compliant e partial vide let e same report control given as	shall be furnished. consultant: M/s; Vace report from Regional liance of earlier EC was ted	onal Office was obtaine ne name of I ndition was dated r dated	[S.No Rev [Only for exp d from Region M/s s submitted to The d	ansion ar nal Office T o Region MoEF&C etails of tl ent / prese	st of ACOs with their]. Ind clause 7(ii) cases] Ind clause 7(ii)
C T n re b b	consider consider and a consider consider consider consider consider and a consid	leration EXTENSION EXTENSI	shall be furnished. consultant: M/s; Vace report from Regionance of earlier EC valued ted	onal Office was obtaine ne name of I ndition was dated r dated	[S.No Rev [Only for exp d from Region M/s s submitted to	ansion ar nal Office T o Region MoEF&C etails of tl ent / prese	st of ACOs with their]. Ind clause 7(ii) cases In vide letter The Action taken report al officer MoEF&CC, C (RO), The observations made ent status as furnished Re-assessment b
C T n r e b b	Certified consideration of the Certificate / Ecertified consideration of the Status of	leration EXTENSION EXTENSION Impliant Inces	shall be furnished. consultant: M/s; Vace report from Regional liance of earlier EC value in the ally/non-complied conterno	onal Office was obtaine ne name of I ndition was dated r dated	[S.NoRev [Only for exp d from Region M/s. s submitted to The d s re-assessme	ansion ar nal Office To Region MoEF&C etails of the	st of ACOs with their]. Ind clause 7(ii) cases In vide letter The Action taken report al officer MoEF&CC, C (RO), The observations made ent status as furnished Re-assessment b
C C T n re b b	compliar conditions compliar compliar detail	e EIA construction of complement of compleme	shall be furnished. consultant: M/s; Value ce report from Regional liance of earlier EC value in the lially/non-complied conterno	onal Office was obtaine ne name of I ndition was dated r dated along with its	[S.NoRev [Only for exp d from Region M/s. s submitted to The d s re-assessme	ansion ar nal Office To Region MoEF&C etails of the	st of ACOs with their]. Ind clause 7(ii) cases] Ind clause 7(ii)
. No.	certified consideration in the Status of the	mpliane of complement of compl	shall be furnished. consultant: M/s; Value on Letter no; Value ce report from Regional filter in the consultance of earlier EC value in the consultance of earlier in the co	onal Office was obtaine ne name of I ndition was dated r dated along with its EC date Cases application was considered i	[S.No Rev	ansion arnal Office To Region MoEF&C etails of the ent / preserve. General no	st of ACOs with their]. Ind clause 7(ii) cases] Ind clause 7(ii) cases] Ind clause 7(ii) cases] Ind clause 7(ii) cases] Index of cases Index of case
. No	certificate / Ecertificate / Ecertif	leration E EIA control Extension mpliane of compliant of	shall be furnished. consultant: M/s; Value report from Regional f	onal Office was obtained as obtained and of I ndition was a dated	[S.No Rev	ansion ar nal Office To Region MoEF&C etails of the ent / prese	nd clause 7(ii) cases] ,

consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover

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

3. Environmental site settings

S.No.	Particulars		Details	Remarks	
i.	Total land	ha [Priva Agriculture:	Land use:		
ii.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014				
iii.	Existence of habitation & involvement of R&R, if any.	Project site: N Study Area: Habitation	ame of villag Distance	e (if any) Direction	Status of R&R.
iv.	Latitude and Longitude of <u>all</u> corners of the project site.	Point	Latitude	Longitude	
V.	Elevation of the project site	m above	mean sea lev	/el	
vi.	Involvement of Forest land if any.	Status of stage Area of the for			
vii.	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	Project site: Name Study area Water body	Distance	Direction	Authenticated HFL data of the water body shall be furnished.
viii.	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve	Study area Name of the E Status of Notif Distance of pr Authenticated distance of ES	ication: oject from E map of ES	SZ projecting	

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:

							EC dated dated			Dror	accad	Fi	nal	
0.	Plant		otal +B)	_	emente d (A)		Un- emented (B)	As pe	er CTO		oosed nits		sting + 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 a	nnum	Source	Distance from site (Kms)	Mode of	
	Material	Existing	Expansion	Total			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 ³ /day, out of whichm ³ /day of
	fresh water requirement will be obtained from the and the remaining requirement ofm3 /day
	will be met from the The permission for drawl of groundwater / surface water is obtained from
	vide Lr. No dated

9.	Existing power	requirement	of	MW is	obtained from	[Only	y for (<mark>expansion</mark>	<i>l.</i> The	powe
----	----------------	-------------	----	-------	---------------	-------	---------	------------------------	---------------	------

			nt for the proposed pro	ject is estimat	ed as <i>\</i> \	ЛW, out of whic	hMW wil	l be obtained
	trom	the	••••					
10.	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.		•	of violation under EIA ideration shall be furr	•	ase/show ca	ause/direction i	f any, related to	o the project
12.			he EIA consultant: Extension Letter no.					s with their
13.	Prop		Terms of Reference (-			1
			Attributes	Parame	eters		pling	Remarks
	Α.	Air				No. of stations	Frequency	
	a.	Meteo	rological					
		param	eters					
	b.	AAQ p	parameters					
	B.	Noise						
	C.	Water						
	Su	rface w	vater/Ground water					
			rameters					
		Land						
		Soil qu	ıality					
		Land (•					
		Biolog						
		Aquat						
		Terres						
			economic					
	Г.	param						
	ADS		nation in chronolog	v [Only for AE	S cases!		<u> </u>	
	<u>/\D</u> (<u> </u>	nation in onionog	L Comy Tor ALD	o caccej			
14.	(Ind	ustry-1	made a The proposal wa) held on rations and recommen	s initially cons	sidered in posal was d	mee	ting of Re-con	stituted EAC
15.			nent submitted the Point- wise reply				. uploaded on	PARIVESH
		S No	ADS Poi				oonse of PP	
			<u> </u>					

Annexure -III(Template for EC presentation)

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

1

Slide no. 2:

BRIEF INFORMATION

SL. NO.	PARTICULARS	DETAILS
1.	DATE OF GRANT OF TOR	
2.	BASELINE STUDY PERIOD	
3.	DATE OF PUBLIC HEARING	
4.	PROJECT COST	
5.	EMP COST (CAPITAL AND RECURRING)	
6.	MANPOWER DETAILS	
7.	DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980 B) WLPA,1972 C) CRZ, 2011	
8.	CPA/SPA/ESA/ESZ, IF ANY	
9.	INTERLINKED PROJECT, IF ANY, WITH STATUS	
10.	ANY OTHER RELEVANT INFORMATION	

2

LOCATION MAP Slide no. 4 LINK FOR KML FILE & GOOGLE EARTH IMAGE

TOPOGRAPHICAL MAP 5 Slide no. 6

LAND ALLOTTED/ACQUISTION STATUS

6

PREVIOUS EC DETAILS

(In case of Expansion Projects)

• EC granted on

Facilities envisaged	Consent status (CTE/CFO)	Implementati on status	Remarks	Production details	Details of Violation, if, any

-

Slide no. 8

Compliance status of existing unit

• Certified report issued on

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

8

ENVIRONMENTAL SITE SETTINGS

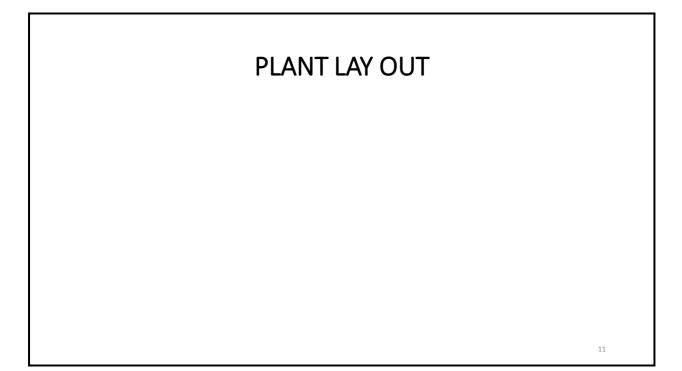
SL. NO.	PARAMETERS	DETAILS
a.	Water body	
b.	Highway	
c.	Railway line	
d.	Habitation	
e.	National Park/Wildlife Sanctuary/Bio-sphere Reserve/Elephant corridor/ Tiger reserve/Eco-sensitive Zone/Eco sensitive Area	
f.	Any other	

Slide no. 10

EXISTING & PROPOSED UNIT CONFIGURATION WITH CAPACITY IN TPA

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

10



Slide no. 12

RAW MATERIAL CONSUMPTION

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

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			

13

Slide no. 14

WATER BALANCE DIAGRAM

14

BASE LINE STUDY AREA MAP WITH LOCATIONS

Slide no. 16

METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

16

BASE LINE STUDY REPORTS

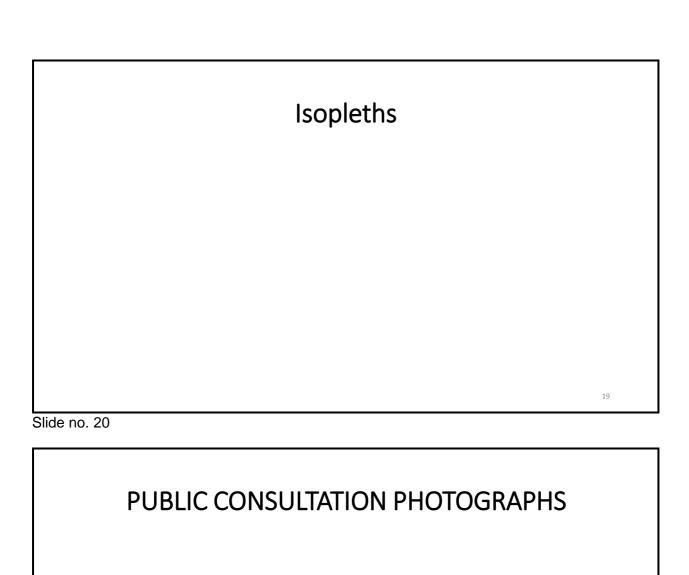
PERIOD			
AAQ PARAMETERS AT LOCATIONS	PM _{2.5} =μg/m ³		
	PM ₁₀ =μg/m ³		
	SO ₂ =µg/m ³		
	$NO_2 =\mu g/m^3$		
	CO =mg/m ³		
	Any other relevant parameter		
AAQ MODELLING (Incremental GLCs)	PM =µg/m³ (Distance and Direction)		
	$SO_2 = \dots \mu g/m^3$ (Distance and Direction)		
	NOx = $\mu g/m^3$ (Distance and Direction)		
GROUND WATER QUALITY AT	pH:mg/l, Chlorides:mg/l,		
LOCATIONS	Fluoride:mg/l. Heavy metals		
	Any other relevant parameter		
CUREA CE MATER CUALITY	// DOD // DOD // O COD		
SURFACE WATER QUALITY	pH:mg/l, BOD:mg/l & COD:		
ATLOCATIONS	mg/l. Any other relevant parameter		
NOISE LEVELS ATLOCATIONS	todBA for day time and to		
	dBA for night time.		

Slide no. 18

TRANSPORTATION PLAN - VEHICULAR TRAFFIC LOAD STUDY AS PER IRC GUIDELINE

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

18



20

PUBLIC CONSULTATION

21

Slide no. 22

• Issues are

ACTION PLAN TO ADDRESS PH ISSUES

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

22



23

Slide no. 24

EMP - NOISE(Construction/Operation)

23

EMP – WATER (Construction/Operation)

23

Slide no. 26

EMP – GREEN BELT (Construction/Operation)

23

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	,	EXISTING		PROPOSED		TOTAL		
	CONTROL MEASURE	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	

28

RISK ASSESSMENT FINDINGS AND ITS MITIGATION Slide no. 30 **ENERGY CONSERVATION MEASURES**

DIRECTION/COURT CASE/LITIGATION

31

Slide no. 32

ANY OTHER RELEVANT INFORMATION

Slide no. 33: TOR wise compliance presentation

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

13

Slide No. 14

DIRECTIONS/COURT CASE/LITIGATION

ANY OTHER RELEVANT INFORMATION

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

1. Shri Rajive Kumar, IFS Retired B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh- 226010 chairman.eac.ind.1@gmail.com 2. Dr. S Ranganathan AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahälli, Near Sakra World Hospital, Bengaluru 560103 ranganathan.metals@gmail.com 3. Dr. Ranjit Prasad 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 ranjitniti@gmail.com 4. Dr. E V R Raju Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad- 500049, telangana. rajuevr60@gmail.com 5. Dr. S. K. Singh 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, 6. Dr. Jai Krishna Pandey 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: jaikrishnapandev@gmail.com 7. Dr. Dipankar Shome House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-440007 dshome61@gmail.com 8. Dr. Tejaswini Ananthkumar 94 Repositi Reporaduru Bengguru Beng	S. No.	Name & Address	Position
226010 chairman.eac.ind.1@gmail.com 2. Dr. S Ranganathan AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahälli, Near Sakra World Hospital, Bengaluru 560103 ranganathan.metals@gmail.com 3. Dr. Ranjit Prasad 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 ranjittntij@gmail.com 4. Dr. E V R Raju Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad- 500049, telangana. rajuevr60@gmail.com 5. Dr. S. K. Singh 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. 6. Dr. Jai Krishna Pandey 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: jaikrishnapandey@gmail.com 7. Dr. Dipankar Shome House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-440007 dshome61@gmail.com 8. Dr. Tejaswini Ananthkumar Member	1.		Chairman
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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	Member
	(Sihi) Metro Station, Sector 4, Ballabhgarh, Faridabad, Haryana 121004 Email: dg@ncbindia.com	
11.	Shri Nazimuddin, Director & Divisional Head-IPC-II Division Central Pollution Control Board Parivesh Bhawan, East Arjun Nagar, Delhi-110032 Email: nazim.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: sanjay.bist@imd.gov.in	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 Hybrid 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.
