

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



### Agenda of Expert Appraisal Committee

**Meeting ID** : IA/IND/13400/16/12/2022

**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 : 07-12-2022

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	Time (From)	Time (To)
1	16 Dec 2022	10:30 AM	18:00 PM

वर्षिति कर

Date of Meeting: 16-12-2022

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/KA/IND/2 88917/2017	SEIAA 31 IND 2007	VRKP Sponge and Power Plant LLP	VRKP SPONGE AND POWER PLANT LLP	Tehsil: Bellary District: Bellary State: Karnataka	EC
2	IA/GJ/IND1/ 405311/202 2	IA-J- 11011/508/2 021-IA- II(IND-I)	SETTING UP OF INTEGRATED STAINLESS-STEEL PLANT COMPRISING OF STEEL MELTING SHOP OF 2,08,400 TPA AND ROLLING MILL OF 2,00,000 TPA BY M/S. AMBICA STEELS INDIA LIMITED LOCATED AT MOKHANA VILLAGE, BHUJ TEHSIL, KACHCHH DISTRICT, GUJARAT	AMBICA STEELS INDIA LIMITED	Tehsil: Bhuj District: kutch State: Gujarat	EC
3	IA/KA/IND/2 89237/2022	IA-J- 11011/489/2 009-IA-II(I)	Environment Clearance for Change in plant configuration without increase in steel production capacity and Separation of upcoming expansion units from EC for further transfer to JSW Vijayanagar Metallics Limited (JVML) and JSW Cement Ltd (JSWCL)	JSW Steel Limited	Tehsil: Sandur District: Bellary State: Karnataka	EC
4	IA/GJ/IND/2 69061/2007	J- 11011/250/2 007.IA. II(I)	Expansion of Integrated Steel Plant at Plot No. 332 GIDC, Phase II, Khasra No. 104, 116/1, 116/2 and 117/1, Mithirohar, Taluka Gandhidham, District Kutch, Gujarat	STEEL	Tehsil: Gandhidham District: kutch State: Gujarat	EC

5	IA/WB/IND/2 94211/2022		Expansion of Steel Plant by expanding Sponge Iron from 1,20,000 TPA to 3,18,000 TPA, MS Billets from 1,05,000 TPA to 3,72,000 TPA, Rolling Mill from 1,00,000 TPA to 3,00,000 TPA, Submerged Arc Furnace	GIRIDHAN METAL PRIVATE LIMITED	Tehsil: Jamuria District: Paschim bardhaman State: West Bengal	Amendment EC
6	IA/WB/IND1/ 402895/202 2		Proposed 3X9 MVA Ferro Alloy plant and 30 TPD Sinter Plant	M/S NILKANTH FERRO LIMITED	Tehsil: District: Bankura State: West Bengal	TOR
7	IA/MH/IND1/ 404196/202 2	IA-J- 11011/348/2 022-IA- II(IND-I)	Manufacturing of Ferro Alloys, Metals, Tungsten Salts & oxides by M/s. Fonsmet Materials Pvt. Ltd. Address - Survey No. 25/3, Village Isambe, Taluka –Khalapur, District Raigad, State - Maharashtra, Pin code – 410 220 New	FONSMET MATERIALS PRIVATE LIMITED	Tehsil: District: Raigad State: Maharashtra	TOR

### Any Other Item with Permission of Chairman:

		File No.	Proposal Name		Location	Remarks
0	No.			Name		

### **List of EAC Member:**

S.No	Members Name	Designation	Email_ID
1	Shri. Rajive Kumar, IFS (Retired)	Chairman	chairman.eac.ind.1@gmail.com
2	Dr. S Ranganathan	Member	ranganathan.metals@gmail.com
3	Dr. Ranjit Prasad	Member	ranjitnitj@gmail.com
4	Dr. E V R Raju	Member	rajuevr60@gmail.com
5	Dr. S. K. Singh	Member	sksinghdce@gmail.com
6	Dr. Jai Krishna Pandey	Member	drjkpandey.eac.industry1@gmail.com
7	Dr. Tejaswini Ananthkumar	Member	tejaswini.acf@gmail.com
8	Dr. Hemant Sahasrabuddhe	Member	sshemant_801@rediffmail.com
9	Dr B Mohapatra, Director General, (Representative of National Council for Cement and Building Materials)	Member	dg@ncbindia.com
10	Shri Nazimuddin, Scientist 'F', (Representative of Central Pollution Control Board)	Member	nazim.cpcb@nic.in
11	Dr. S. Raghavan, Scientist 'D', (Representative of National Institute of Occupational Health	Member	raghuharihar@gov.in
12	Dr. Sanjay Bist, Scientist 'E', (Representative of Indian Meteorological Department)	Member	sanjay.bist@imd.gov.in
13	Dr. R. B. Lal	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: 07.12.2022

# AGENDA FOR 19<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR), SCHEDULED TO BE HELD ON DECEMBER 16, 2022

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

- 1. It is informed that the 19<sup>th</sup> Meeting of EAC is scheduled to be held during December 16, 2022 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 11.12.2022.
- 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. 19.1 (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 11.12.2022. Address for correspondence with e-mail of the Chairman/Members are enclosed for necessary action.
- 5. It may be ensured that the Members receive the aforesaid requisite documents in soft copy/e-mail pertaining to the projects latest by <a href="https://documents.nc.nd/">11.12.2022</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 11.12.2022. 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 11.12.2022.
- 9. During presentations all the important features/critical parameters such as **details of Court** cases and directions of the SPCB and its implementation status needs to be presented.
- 10. In accordance with the circular no. 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 drone survey for the site, if conducted, needs to be presented before the EAC during appraisal of the project.
- 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 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)
Additional Director/Scientist E &
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 19<sup>th</sup> EXPERT APPRAISAL COMMITTEE (INDUSTRY-1 SECTOR) MEETING TO BE HELD DURING DECEMBER 16, 2022

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

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

DAY 1: DECEMBER 16, 2022 (FRIDAY)

Time: 10:30 Hrs -18:00 Hrs

### **Consideration of Environmental Clearance Proposals**

19.1 Expansion of Sponge Iron Plant from 90,000 TPA to 4,40,000 TPA, Steel Melting Shop from 47,000 TPA to 5,42,000 TPA, Rolling Mill from 72,000 TPA to 4,02,000 TPA, Captive Power Plant from 10 MW to 34 MW) by M/s VRKP Sponge and Power Plant LLP, Located at Halakundi village, Bellary Taluk & district, Karnataka– Consideration of Environmental Clearance

[Proposal No. IA/KA/IND/288917/2017; File No. J-11011/527/2017-IA-II(I)] [Consultant: Pioneer Enviro Laboratories & Consultants Private Limited; valid upto 16.12.2022]

19.2 Setting up of Integrated stainless steel plant comprising of steel melting shop of 2,08,400 TPA and rolling mill of 2,00,000 TPA by **M/s Ambica Steels India Limited**, located at Mokhana Village, Bhuj Tehsil, Kachchh District, **Gujarat-Consideration of Environmental Clearance** 

[Proposal No. IA/GJ/IND1/405311/2022; File No. IA-J-11011/508/2021-IA-II(IND-I)] [Consultant: M/s Greencindia Consulting Private Limited; Valid upto 22.02.2023]

19.3 Environment Clearance for Change in plant configuration without increase in steel production capacity and Separation of upcoming expansion units from EC for further transfer to JSW Vijayanagar Metallics Limited (JVML) and JSW Cement Ltd (JSWCL), located at Vijayanagar, Bellary, Karnataka-Consideration of Environmental Clearance under para 7 (ii) of the EIA notification 2006 and transfer of EC under provision of Para 11 of EIA Notification 2006.

[Proposal No. IA/KA/IND/289237/2022; File No. IA-J-11011/489/2009-IA-II(I)] [Consultant: MECON LIMITED; Valid upto 09.02.2023]

### Re-consideration in Environmental Clearance

19.4 Expansion of Integrated Steel Plant by M/s Shreeyam Power & Steel Industries Limited, located at Plot No. 332 GIDC, Phase II, Khasra No. 104, 116/1, 116/2 and 117/1, Mithirohar, Taluka Gandhidham, District Kutch, Gujarat– Consideration of Environmental Clearance.

[Proposal No. IA/GL/IND/269061/2007; File No. J-11011/250/2007-IA.II(I)] [Consultant: Kadam Environmental Consultants; valid upto: 19.05.2023]

### **Modification/Amendment in Environmental Clearance**

19.5 Expansion of Steel Plant by expanding Sponge Iron from 1,20,000 TPA to 3,18,000 TPA, MS Billets from 1,05,000 TPA to 3,72,000 TPA, Rolling Mill from 1,00,000 TPA to 3,00,000 TPA, Submerged Arc Furnace by M/s Giridhan Metal Private Limited, located at Village: Jamuria Industrial Estate, Village Ikra & Damodarpur, Tehsil: Jamuria, District: Paschim bardhaman, West Bengal – Amendment in Environmental Clearance

[Proposal No. IA/WB/IND/294211/2022; File No. J-11011/366/2010-IA-II(I)]

### **Consideration of TOR**

19.6 Proposed 3X9 MVA Ferro Alloy plant and 30 TPD Sinter Plant by M/s Nilkanth Ferro Limited, located at Village: Radha Madhavpur, Mouza & P.O: Chousal, District: Bankura, West Bengal- Consideration of TOR case as per provisions of the SOP dated 01.07.2021 [Violation case]

[Proposal No. IA/WB/IND1/402895/2022; File No. IA-J-11011/10/2011-IA-II(IND-I)]

19.7	Manufacturing of Ferro Alloys, Metals, Tungsten Salts & oxides by <b>M/s Fonsmet Materials Pvt. Ltd.</b> , Located at Survey No. 25/3, Village Isambe, Taluka –Khalapur, District Raigad, <b>Maharashtra – Consideration of TOR</b>
	[Proposal; No IA/MH/IND1/404196/2022; File No. IA-J-11011/348/2022-IA-II(IND-I)]
19.8	Any other item with permission of the Chair.
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### Format for Brief Write-Up [Environment Clearance including para 7(ii) and ADS cases]

1.	M/s	ha	is made an onl	ine application	n vide proposal no	<b>)</b>	C	<b>Dated</b>
		along with copy	of EIA/EMP	report, Form	and Certified con	npliance re	port [On	ly for
	<u>expansion</u>	and clause 7(ii) cases	s] seeking Envi	ronment Clear	ance (EC) under	the provision	ons of the	e EIA
	Notification	n, 2006 for the project	mentioned abo	ve. The propos	sed project activit	y is listed at	t schedul	e no.
	(all schedu	ا les pertaining to the	oroject)		Under Category	y "" Of	the scho	edule
		Notification, 2006 an at Central Level.	d attracts gen	eral condition	due to	<mark>(if a</mark> ţ	<mark>oplicable</mark> )	) and

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

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

3. The project of M/s......located 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.

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</u> <u>corners</u> of the project site.	Point	Latitude	Longitude	
5.	Elevation of the project site	M above	mean sea lev	vel	
6.	Involvement of Forest land if any.	Status of stage Area of the fo			
7.	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
3. NO.	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.	<b>Facilities</b>	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					Brancod Final				
61	Plant	Tot (A+			emented impleme (A) tred (B)		leme		As per Units		Proposed (Exi		sting + oosed)	
SI. No.	Equip ment/ Facility	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Configuration	Capacity	Remarks

8. The details of the raw material requirement for the proposed project/ expansion cum proposed project along with its source and mode of transportation is given as below:

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

surface	water	is obtained	from	Vide Ir No	Dated	
Surracc	water	is obtained	11 0111	VIGC EL. INO.	Dalcu	

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 as ......MW, out of which ......MW will be obtained from the ......

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

Baseline Environn	nental Studies ( <mark>In case of clause 7(ii) projects from post p</mark>				
Period		Additional			
	PM <sub>2.5</sub> = Το μg/m <sup>3</sup>	study (if any)			
AAQ parameters	$\mu_{2.5} - \dots  \mu_{9/11}$				
at	$PM_{10} = To Mg/m^3$				
Locations (min	$SO_2 = \dots$ to $\mu g/m^3$				
and max)	Nox = To μg/m <sup>3</sup>				
Incremental GLC	$CO = \dots To \dots \mu g/m^3$				
	PM <sub>10</sub> = µg/m³ (Level atkm in Direction)				
level	SO <sub>2</sub> = μg/m <sup>3</sup> (Level atkm in				
	Nox = µg/m³ (Level atkm in				
	Direction)				
	CO = μg/m³ (Level atkm in Direction)				
Ground water	pH:to, Total Hardness:to mg/l,				
quality at	Chlorides: to mg/l, Fluoride:to				
locations	mg/l. Heavy metals				
Surface water	pH:to; DO:to mg/l and BOD:				
quality at	mg/l. COD fromtomg/l				
locations					
Noise levels Leq	to for the day time and to				
(Day and Night)	for the Night time.				
Traffic	<ul> <li>Traffic study has been conducted at</li> </ul>				
assessment study					
findings	approximately(distance) from the plant				
	site.				
	<ul> <li>Transportation of raw material, fuel &amp; finished</li> </ul>				
	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.)				
	<ul> <li>PCU load after proposed project will</li> </ul>				
	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	1			

	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	ı (Rs. In res/lakhs)	Proposed (Rs. In Crores/lakhs)		
		Capital Cost	Recurring Cost	Capital Cost	Recurring Cost	
(i).	Air Pollution Control/ Noise					
	Management					
(ii).	Water Pollution Control					
(iii).	Environmental Monitoring and					
	Management					
(iv).	Green Belt Development					
(v).	Addressal of Public					
	Consultation concerns					
	Details of adoption of villages,					
	if any					

15.	Existing green belt has been developed in ha area which is about% of the total project area of
	ha with total sapling of Trees [Only for expansion and clause 7(ii) cases]. Proposed
	greenbelt will be developed in ha which is about% of the total project area. Thus total of
	ha area (% of total project area) will be developed as greenbelt. Am wide greenbelt,
	consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as

	250							Ited with a density of I in hectares in
<u>16.</u>		nas been repo tuse 7(ii) case		_	esource cons	sumption after	the propose	d change: [In case of
	Par	ticulars	As	s per EC dated		oosed change der para 7(ii)	•	% increase
ī	and					aci para i (ii)		
_	reen	halt						
_	√ater	DCIL						
_	ower							
_		aterials						
_								
P	rodu	CIS						
<u>17.</u>				nent [In case of claus				
		ticulars	As	s per EC dated		oosed change der para 7(ii)	•	% increase
_	ir							
	√ater							
S	olid	and						
		Hazardous						
		waste						
Т	raffic	load						
<ul><li>18.</li><li>19.</li><li>20.</li></ul>	uno Na Ce	der considera me of the rtificate / Exte	ation sh EIA co ension	all be furnished.	up to	[S.No. . Rev,	, List ].	elated to the project of ACOs with their se 7(ii) cases]
	reg  the	garding the vide same and h	ated . partia e letter nas iss	in the lly/non-complied colonoda noda ued letter dated	name of M/ ndition was ated The	ssubmitted to submitted to submitte	The Regional CC (RO), observations	vide letter no. Action taken report officer MoEF&CC, evaluated a made by RO in the rhished by the PP is
S.	No.	Non-	•	Observation of RO		Condition no.	1	Re-assessment by
		complianc	es	(abridged)	EC date	Specific	General	RO / Response by
		details						FF
4 D C	· Info	vesation in a	brana	leant [Only for ADC a	22227			
21.	M/s  (In	sdustry-1) held	The pr	oposal was initially	application considered i	n	meeting of	dated Re-constituted EAC onal information. The
22.	Th	e proponent	subm	· ·	vide letter		uploa	ded on PARIVESH
	S No			Point	, : ::::::::::		esponse of	PP
	5 140		700	, , VIIII	<del> </del>	κοριγίκ	copolide of	• •

Format for Brief Write-Up (ToR
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1.	M/s has made an application online vide proposal no	dated
	along with the application in prescribed format (Form-I), copy of pre-feasibility is	report
	and proposed ToRs for undertaking detailed EIA study as per the EIA Notification, 2006 for	or 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,	
	and attracts general condition due to (if applicable) being appraised at Central L	_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> corners 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:

	lven as beie	E					EC dated dated			Prov	osed	Fi	inal	
0.	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.	No. Raw Material	Quantity required per annum			Source	Distance	Mode of
		Existing	Expansion	Total		from site (Kms)	Transportation

8.	Existing Water requirement is m <sup>3</sup> /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

	Existing power requirement for obtained from the	the proposed p					
10.	The capital cost protection measu proposed project	ires is proposed	d as Rs				
11.	Summary of viola under considerat			case/show ca	use/direction if	f any, related to	the project
	Name of the El Certificate / Exter	nsion Letter no.	; Valid uր	o to R	ev,	]	s with their
13.	Proposed Terms						T
	Attribu	tes	Parame	eters		pling	Remarks
	A. Air				No. of stations	Frequency	
	a. Meteorological parameters	al					
	b. AAQ parame	ters					
F	B. Noise	1010					
	C. Water						
		round water					
	Surface water/G quality paramete						
	D. Land						
	a. Soil quality						
	b. Land use						
	E. Biological						
	a. Aquatic						
	b. Terrestrial						
	F. Socio-econor	nic					
	parameters						
L	ADS Information	n in chronology	V [Only for AE	S cases1	<u> </u>		l .
14.	M/s TI (Industry-1) held The observations	made a ne proposal was on	an online app s initially cons Pro	lication vide sidered in posal was d	mee	ting of Re-cons	tituted EAC
15.	The proponent son F				ed	uploaded on	PARIVESH
	S	ADS Poin		on as below.	Reply/Res	oonse of PP	
	No						

### 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**

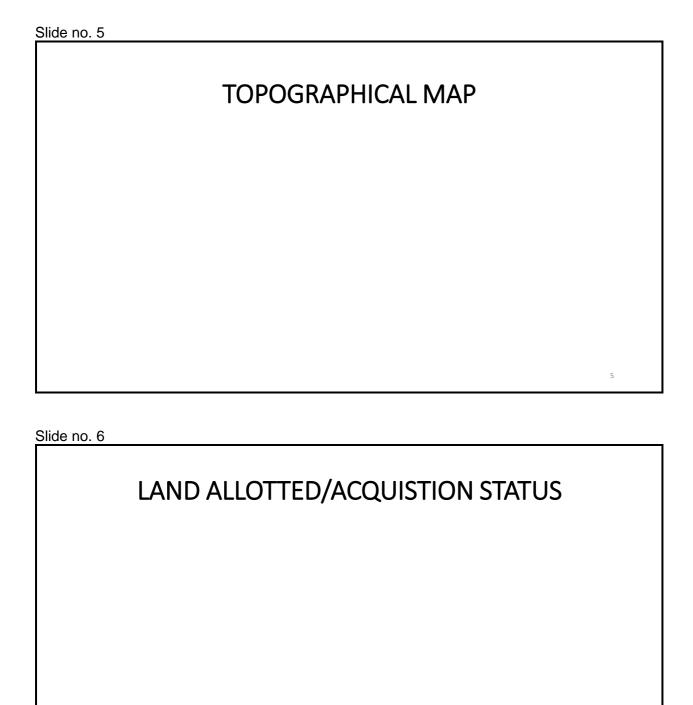
SL. NO.	PARTICULARS	DETAILS
1.	DATE OF GRANT OF TOR	
2.	BASELINE STUDY PERIOD	
3.	DATE OF PUBLIC HEARING	
4.	PROJECT COST	
5.	EMP COST (CAPITAL AND RECURRING)	
6.	MANPOWER DETAILS	
7.	DETAILS IF PROJECT FALLS UNDER THE PURVIEW OF A) FCA,1980 B) WLPA,1972 C) CRZ, 2011	
8.	CPA/SPA/ESA/ESZ, IF ANY	
9.	INTERLINKED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



# 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	

### 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

1

### Slide no. 16

# METEOROLOGICAL DETAILS WITH WIND ROSE DIAGRAM

### Slide no. 17

# **BASE LINE STUDY REPORTS**

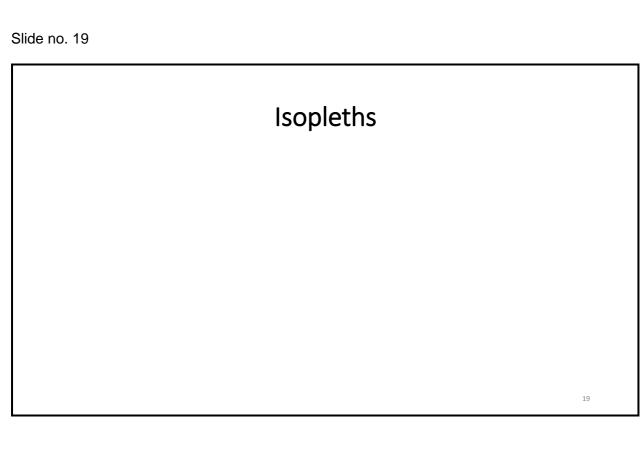
PERIOD					
AAQ PARAMETERS AT LOCATIONS	PM <sub>2.5</sub> =μg/m <sup>3</sup>				
	PM <sub>10</sub> =μg/m <sup>3</sup>				
	SO <sub>2</sub> =μg/m <sup>3</sup>				
	NO <sub>2</sub> =μg/m <sup>3</sup>				
	CO =mg/m <sup>3</sup>				
	Any other relevant parameter				
AAQ MODELLING (Incremental GLCs)	PM =µg/m³ (Distance and Direction)				
	$SO_2 = \dots \mu g/m^3$ (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 CHAUTY					
SURFACE WATER QUALITY	pH:mg/l & COD: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

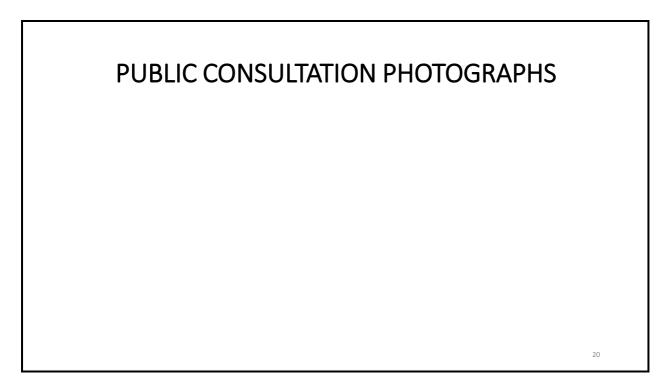
### Slide no. 18

# 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**

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	NT COST OF EMP						REMARKS
NO	/SOCIAL	EX	EXISTING		PROPOSED		TOTAL	
	CONTROL MEASURE	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	CAPITAL	RECURRING (PER ANNUM)	

# RISK ASSESSMENT FINDINGS AND ITS MITIGATION

29

Slide no. 30

# **ENERGY CONSERVATION MEASURES**

# DIRECTION/COURT CASE/LITIGATION

31

Slide no. 32

# ANY OTHER RELEVANT INFORMATION

# 

slide 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	

Agenda for 19<sup>th</sup> EAC Meeting (Industry 1 Sector) to be held on 16<sup>th</sup> December, 2022

### 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)**

S.	Name & Address	Position
No.		
1.	Shri Rajive Kumar, IFS Retired	Chairman
	B-2/4 Vijyant khand Gomti Nagar Lucknow, Uttar Pradesh-	
	226010	
2.	chairman.eac.ind.1@gmail.com  Dr. Dipankar Shome	Vice Chairman
۷.	House No. 74, Saroj Nagar, Hazari Pahad, Nagpur, Maharashtra-440007	vice Chairman
	dshome61@gmail.com	
3.	Dr. S Ranganathan AT-5 Banyan Tree Apartments, 154 Kariyammana Agrahara, Devarabeesanahälli, Near Sakra World Hospital, Bengaluru 560103	Member
4.	ranganathan.metals@gmail.com  Dr. Ranjit Prasad	Member
4.	Associate Professor Department of Mineral Processing Technology, Environmental Quality, EIA Process NIT Jamshedpur Q. No. CF 52, NIT Jameshedpur Campus, PO-NIT, Adityapur,	Membel
	PIN-831014	
-	ranjitnitj@gmail.com	Marahar
5.	Dr. E V R Raju Divya Shree Shakthi, Mayuri Nagar, Miyapur, Hyderabad-500049, telangana. rajuevr60@gmail.com	Member
6.	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,	Member
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 84, Ranoji Rao Road, Basavanagudi, Bengaluru-560004 tejaswini.acf@gmail.com	Member
9.	Dr. Hemant Sahasrabuddhe LB-53, Housing Board Colony, Laxminagar, Nagpur-440022, Maharashtra, India sshemant 801@rediffmail.com	Member

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'	Wichiber
	(Representative of Indian Meteorological Department),	
	Mausam Bhawan, Lodhi Road, New Delhi – 110003	
	Email: sanjay.bist@imd.gov.in	
13.	Dr. S. Raghavan,	Member
	Scientist "D",	
	(Representative of National Institute of Occupational Health)	
	Regional Occupational Health Centre, ROHC(S), Bangalore	
	Email: raghuharihar@gov.in, raghuharihar@yahoo.co.in	
14.	Dr. R. B. Lal	Member
	Scientist 'E'/Additional 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	

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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 **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.

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