GOVERNMENT OF INDIA MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (IA DIVISION-INDUSTRY-2 SECTOR)

Dated: 17.11.2021

AGENDA FOR 44th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-2 SECTOR) SCHEDULED TO BE HELD on 22nd November, 2021.

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

- 1. This is to inform that the 44th Meeting is scheduled to be held on <u>22nd November,2021</u> through <u>Hybrid Mode (Physical +Video Conferencing)</u> and accordingly all Project Proponents are requested to send all the documents (viz. Presentation, Brief, EIA/EMP Report and other requisite documents) to the **EAC/Ministry immediately or latest** by 18.11.2021 positively.
- 2. It is requested that the Project Proponent or his/her authorized representative should <u>participate in the presentation meeting of EAC</u> through Video Conferencing (preferably not more than three representatives) 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.
- 3. NIC, MoEFCC will moderate the Video Conferencing meeting. The Guidelines related to connecting VC is annexed herewith. PP will be ready before one (01) hour of the slot allowed to them. If case of any connectivity problem, please contact Mr. Kamal, Moderator, NIC (Mobile No. 8800225087, email- supportipb@nic.in). PP is requested to join the meeting with Agenda No. [(for ex. 44.3 (Name of PP) & Name of Consultant]
- The Project Proponents are requested to circulate the documents either in pen drive or hard copy whichever is convenient (numbers) for the projects included in the Agenda given below to the Chairman and Members of the Committee (as per list given below) immediately. The proponents shall not wait for individual letters to be issued. The documents shall reach the members at earliest well in advance before the meeting.
- 5. All the documents including the hard copy of the presentation material should be legible and printed on both sides on ordinary paper. In case the members of the Expert Appraisal Committee do not receive the proposals, the Committee will not consider the project.
- 6. The Project Proponent or his or her authorized representative /consultant should avoid delivery of documents by hand and seeking meeting with Chairman/Members. Members are also requested to discourage/ avoid the meeting with the PP/ consultants.
- 7. Please indicate the item number of the Agenda while circulating the documents.
- 8. The Project Proponents are requested to send one set of complete documents to the Ministry in HARD COPY. Documents shall be reach in

the Ministry by **18.11.2021**.

- 9. Kindly prepare/make the presentation before the EAC based on the template provided at Annexure III. Copy of presentation and brief shall be forwarded to the EAC/Ministry immediately or latest by 18.11.2021
- The project proponents applied their on-line application should submit the Form-2, Pre-feasibility report, approval from concerned department/states, compliance of existing EC, Environment Impact Assessment (EIA/EMP) Report, public hearing report, queries 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 (Industry-2) including details of the court matters/Orders of the Court pertaining to the project, if any. Accordingly, I request you to forward a copy of each of these documents to the Chairman/members of the Expert Appraisal Committee and Ministry, at earliest or latest by 18.11.2021 [Hard copy or soft copy]. List of Committee Members is attached herewith.
- 11. During presentations all the important features 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) etc. should be clearly indicated in an area of 10 km radius of the proposed site.
- 12. In accordance with the circular no. J-11011/618/2010-IA. II (I) dated 30.5.2012, in case of expansion project, for which environment clearance was issued earlier, the project proponent shall submit a certified report of the status of compliance of the conditions stipulated in the environment clearance for the on-going / existing operations of the project by the Regional Offices of Ministry of Environment, Forest and Climate Change. The status of compliance of the conditions stipulated in the EC as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
- 13. 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.
- 14. The KML/Shape files should be emailed on the below mentioned email addresses immediately or before 18.11.2021.
- 15. 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.
- 16. Any changes/modification with respect to the Agenda, Venue etc., would be indicated in Ministry's website. You are also requested to keep track of the status of your project from the Ministry's Website i.e., https://parivesh.nic.in

17. Kindly send a brief write up/ Executive Summary of 3-4 pages (in Word Format only) as per following format (Annexure - 'I' in respect of the proposals for Environmental clearance and Annexure-'II' in respect of the project for amendment/corrigendum in ToR/EC)to the EAC secretariat. Information should be sent in word format only on following e-mails including Members of the EAC immediately or latest by 18.11.2021.

ak.pateshwary@gov.in; <u>m.phulwaria@gov.in</u>, kanaka.teja@gov.in and <u>moefccmeetikagupta@gmail.com</u>

sd/

(Ashok Kumar Pateshwary)
Director, MoEFCC
Member Secretary (IND-2)

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

AGENDA FOR 44th MEETING OF THE EXPERT APPRAISAL COMMITTEE (INDUSTRY-2 SECTOR), SCHEDULED TO BE HELD on 22nd November, 2021

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

Time: 11:00 AM

- (i) Opening Remarks by the Chairman
- (ii) Confirmation of the Minutes of the 43rd Meeting of the EAC (Industry-2) held on 08-09th November, 2021 at MoEFCC through VC.

22nd November, 2021 (Monday)

Consideration of Environmental Clearance

- 44.1 Establishment of 110KLPD Molasses/Cane Syrup Based distillery at Latur ,Maharashtra by **M/s Jagruti Sugar & Allied Industries Limited** (JSAIL).- Consideration of Environment Clearance. [IA/MH/IND2/229683/2021, J-11011/145/2021-IA-II(I)]
- 44.2 Establishment of Grain based Distillery plant capacity of 2X180 KLPD in Arang Village, Arang Tehsil, Raipur District, Chhattisgarh by M/s SHRI BAJRANG CHEMICAL DISTILLERY LLP-Consideration of Environment Clearance.

 [IA/CG/IND2/237468/2021, J-11011/470/2021-IA-II(I)]
- Proposed 400 KLPD Grain based Ethanol Plant along with 6.0 MW Cogeneration Power Plant at Village Louhka, Tehsil Patti, District Tarn Taran, Punjab by **M/s ETH Biofuels Private Limited** Consideration of Environment Clearance.

 [IA/PB/IND2/237750/2021, J-11011/472/2021-IA-II(I)]
- 44.4 Expansion of Distillery unit 50 KLPD to 150 KLPD (By addition of 100 KLPD Ethanol) Located at S. No 90, 92, Krishnanagar, Hosur post, Vijayapur Taluk & district, Karnataka State by **M/s Nandi Sahakari Sakkare Karkhane Niyamit** Consideration of Environment Clearance.

 [IA/KA/IND2/234114/2021, IA-J-11011/110/2017-IA-II(I)]
- 44.5 Setting up of additional 450 KTA of Polypropylene Production Plant in the Existing Naphtha Cracker Complex Panipat, Haryana by **M/s INDIAN OIL**

CORPORATION LIMITED. PANIPAT REFINERY & PETROCHEMICAL COMPLEX- Re-Consideration of Environment Clearance [IA/HR/IND2/223205/2018, No.J-11011/177/2016-IA II(I)]

- 44.6 Expansion of distillery from 60 KLPD to 240 KLPD molasses based distillery located at Gat No. 196/1, Pravara Nagar Loni, Rahata, Ahmednagar, Maharashtra by M/s PAD. DR. VITTHALRAO VIKHE PATIL SAHAKARI SAKHAR KARKHANA LTD.- Re-Consideration of ToR [IA/MH/IND2/215302/2021, IA-J-11011/251/2021-IA-II(I)]
- Proposed 200 KLPD Grain based Ethanol Plant along with 6.0 MW Cogeneration Power Plant at Village Deogaon, Tehsil Maneswar, District Sambalpur (Odisha) by **M/s Premier Alcobev Private Limited** Re-Consideration of Environment Clearance
 [IA/OR/IND2/229712/2021, J-11011/381/2021-IA-II(I)]
- Proposed Distillery, Sugar and Co-Gen Unit at Sy. No. 40/1, 40/2, 40/3, 40/4, 40/5, 40/6, 41/ 41/3, 41/4, 41/5, 41/6, 42, 47(P), 50/1(P), 41/1, 47/2, 49/1, 49/2, 53/5a/1, 62/2 of Chatnahalli Village, District Haveri Karnataka by M/s GM SUGARS AND ENERGY LTD- Re-Consideration of Environment Clearance.
 [IA/KA/IND2/200952/2017, J-11011/77/2017-IA-II (I)]
- 44.9 Any other items with the permission of the Chair.
- 44.9.1 Clarification regarding applicability of EC for production of Bitumen Emulsion, Modified Bitumen and Road Bond from Bitumen- M/s Hindustan Colas Pvt Ltd.-Re-consideration.

9	Subject: Clearance reg.
[[Proposal NO]
detai	The Project Proponent and the accredited Consultant M/s, made a iled presentation on the salient features of the project and informed that:
i.	The proposal is for environmental clearance/ToR to the project by M/s.
ii.	The project proposal was considered by the Expert Appraisal Committee (Industry-2) in its th meeting held during and recommended Terms of References (ToRs) for the Project. The ToR has been issued by Ministry vide letter No.J; dated(In case of EC Proposal)
iii.	All are listed at S.N of Schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
iv.	Ministry had issued EC earlier vide letter no; dated to the existing project in favour of M/s(in Expansion case/if applicable).
٧.	Existing land area is $\dots m^2$, additional m^2 land will be used for proposed expansion.
vi.	Industry has already developed / will develop greenbelt in an area of 33 $\%$ i.e., m^2 out of total area of the project.
vii.	The estimated project cost is Rs including existing investment of Rs crores. Total capital cost earmarked towards environmental pollution control measures is Rs and the Recurring cost (operation and maintenance) will be about Rs per annum.
viii.	Total Employment will be persons as direct & persons indirect after expansion. Industry proposes to allocate Rs @ of 5/2.5 % towards Corporate Social Responsibility.
ix.	There are national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body is flowing at a distance ofindirection.
x.	Ambient air quality monitoring was carried out at locations during toand the baseline data indicates the ranges of concentrations as: PM10 (µg/m3), PM2.5 (µg/m3), SO2 (µg/m3) and NO2 (µg/m3). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be µg/m³, µg/m³ and µg/m³ with respect to PM_{10} , SOxandNOx. The resultant concentrations

are within the National Ambient Air Quality Standards (NAAQS).(In case of EC Proposal)

xi. Total water requirement is m3/day of which fresh water requirement of

- xi. Total water requirement is m3/day of which fresh water requirement ofm3/day will be met from
- xiii. Power requirement after expansion will be including existing KVA and will be met from State power distribution corporation limited (...SPDCL). Existing unit has DG sets ofcapacity, additionally DG sets are used as standby during power failure. Stack (height......)will be provided as per CPCB norms to the proposed DG sets.
- xiv. Existing unit has TPH fired boiler. Additionally -----TPH ----fired boiler will be installed. Multi cyclone separator/ bag filter with a stack of height of m will be installed for controlling the particulate emissions within the statutory limit of 115 mg/Nm³ for the proposed boilers..
- xv. Details of Process emissions generation and its management......
- xvi. Details of Solid waste/ Hazardous waste generation and its management.......
- xvii. Public Hearing for the proposed project has been conducted by the State Pollution Control Board onThe main issues raised during the public hearing are related to..........
- xviii. Details of Certified compliance report submitted by RO, MoEF&CC. (**In case of expansion Proposal**).
- xix. Status of Litigation Pending against the proposal, if any.
- xx. The details of products and capacity as under:

S. No	Product Details	Existing Quantity	Proposed Quantity	Total Quantity
	Total			

S. No.	Activity	Amount allocated in Rs.
1. Total Cost		
2. EMP Cost		
3. Recurring cost		
4. CER Cost		
5. Land		
6. P. H. Commitment7.Green belt8. Conservation plan		

Annexure-II

	The	proposal	is	for	am	nendment		in	the <u> </u>	<u>Terms</u>	<u>of</u>
Refe	rence/E	nvironmer	ntal	Clear	ance	granted	by	the	Ministry	vide	letter
dated		for	t	he	proje	ct				lo	ocated
at	in favo	ur of M/s									

2. The project proponent has requested for amendment in the ToR/EC with the details are as under;

S.No.	Para of ToR/EC issued by MoEF&CC	Details as per the ToR/EC	To be revised/ read as	Justification/ reasons
1.				
2.				
3.				

Template for presentation before the EAC

Slide 1

Agenda No.

- > Date of Application Submission
- > ADS if any including date of reply
- Date of Acceptance
- > New Project/Expansion Project
- Product Mix or Change in Technology
- Existing & Proposed Capacity
- Forest Area/Wildlife/ESZ if any
- Name of EIA Coordinator
- > CONSULTANT:
 - Name
 - NABET Registration No.
 - Validity

Name of the Project (Including Company's Name)

- Date of Public Hearing (P.H.) Conducted
- > Level of Officer conducted P.H.
- > Status of Forest Clearance (FC)
- > Applicability of Coastal Regulatory Zone (CRZ) if any
- Whether located in Critically Polluted Area (CPA).
- Certified Compliance submitted

Slide 2

Details of Earlier ECs with Past Productions Details

Details of Earlier CTOs with Past Productions Details

Details of Certified Compliance of Earlier EC/CTO

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Introduction of The Project

- Brief Description about project
- Plot area
- ♦% of green belt provided
- Land use change required
- Sources of Air(+Noise)Pollution

- Estimated Project Cost
- ► EMP Cost
- CER Cost
- Manpower
- Details of Environment Officers with qualifications

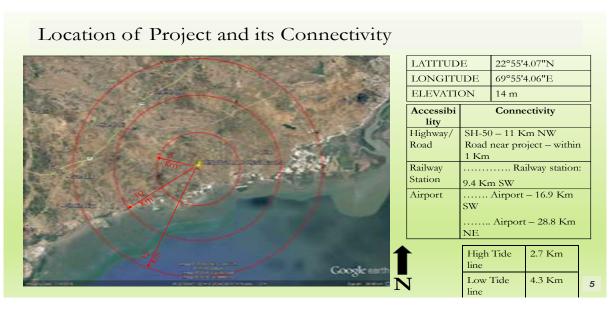
Slide 4

Introduction of The Project

- Water Consumption/day
- Source of water
- Permission from CGWA or any other agency
- Energy Consumption
- Kind of Fuel used
- Quantity of fuel used

- Waste WaterGenerated/day
- Treatment facility with capacity and current operational capacity
- Mode of discharge

Slide 5 Example



Slide 6 : Example



Slide 7

Project Site to be shown on Google Earth/DSS through KML/SHP File

Slide 8: Engineering layout of the Project site

Slide 9

BASELINE ENVIRONMENT DETAILS 1. AIR QUALITY(shall attach copy of NABL or MOEF approval) Period of monitoring Wind Rose / Impact Table of Parameters Location specific Wind

including Noise.

Comparison of AQM data from Upstream & down

Monitored as per TOR

stream Station.

Minimum detectable Limit

of various methods.

- Prediction of max. GLC(DG sets & from other sources)
- ► Incremental Pollution load.
- Location specific Wind Rose be given based on which AQM station Setup.
- Map of AQM Station be given superimposed with respective monitored value + wind rose on one corner of the map.
- ► Impact of dust, smoke, gas ,fumes & odour

BASELINE ENVIRONMENT DETAILS 2.WATER (Surface + Ground) Environment

Date of monitoring

- ► Table of Parameters Monitored as per TOR/CPCB
- Comparison of data from Upstream & down stream sampling Station
- Minimum detectable
 Limit of various methods.
- Incremental pollution Load from waste water generation.

Sampling Location Map

- Map of sampling area with specific location of collection. Superimposed with respective monitored value
- Attach copy of NABL or MOEF approval.
- Fresh water reduction due to recycling/reuse of wastewater.

Slide 11

BASELINE ENVIRONMENT DETAILS 3. Soil and Biological Environment

Soil

- Location Map of Sampling points
- Sampling result
- Shall describe quality of soil as per standard (IARC) method

Biological

- Map of study area be attached.
- Biodiversity index with its interpretation be given

BASELINE ENVIRONMENT DETAILS 4. Socio Economic Environment

Areas visited & date

- ► Report on collection of Primary & Secondary action plan
- requirements based on completion interview & discussions with the result. Identification of social with the resident of the area.

Social Action Plan

- Estimated budget to be spent year wise(CER)

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BASELINE ENVIRONMENT DETAILS 5.RISK STUDIES & DISASTER MANAGEMENT

Hazardous Substances

- ► List of Hazardous Substances and quantity stored.
- Assumptions and Worst case scenario.
- ► Risk assessment be done by 3-D (CFD)Capable Software.

Risk Assessment

- ▶ Prevailing Risk from existing facilities
- Perceived risk from the proposed facilities.
- ► Societal Risk
- ► Cumulative risk
- **▶** Details of Onsite mitigation measures/ DMP

Slide 14

Details of National Park/Sanctuary/Forest Land/Schedule-I Species/ESZ Notification/No Development Zone If any

Slide 15

Process Flow Chart

Slide 16

Water Requirement and its approval status **Water Balance**

Waste Water Treatment Technology / Details of ZLD

Details of STP and how treated water is reused

Slide 18

Product wise Raw Material consumption

Slide 19

Details of Green Belt Development Plan

Slide 20

Transportation Plan -Study as per IRC Guidelines

Slide 21

Budget for CER as per Ministry's Circular alongwith Activities and its timelines for commitments

Slide 22

Environment Management Plan

Shall cover details on following pollution control measures linking with baseline studies ,raw material and products with involved risk :

- AIR Pollution Control measures including devices proposed with capacities & cost.
- Water and Waste Water treatment and disposal, if any
- Solid Waste / Sludge Disposal if any .
- % reduction due to proposed devices
- Details of Environment Personnel (Environment Engineers and Environment Scientist) posted in Environment Management Cell.

Slide 23: TOR wise compliance presentation

Point Wise Standard TOR Compliance	
TOR Point-1: Executive Summary of the Project.	
Reply:	
TOR Point-2: Introduction i) Details of the EIA consultant including NABET accreditation ii) Informatic about the project proponent iii) Importance and benefits of the project	n
Reply:	
And so on	23

Slide 24

Hazardous Waste Management and Disposal

- List of hazardous waste generation and quantity.
- Disposal- In-house or CHWTDF
- Agreement for hazardous waste management and disposal

PUBLIC CONSULTATION

- The public hearing was attended by
- Requisite publicity through local newspapers/ media i.e.Dated was given 30 days in advance of the date; .
- The project proponent has given commitment to fulfil the environmental and social responsibility for development of community of nearby villages.

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PUBLIC HEARING MINUTES ITS ACTION PLAN WITH BUDGET ,TIMELINE INCLUDING DISPLY OF PH VIEDEO

S.No.	Issues raised by the Public	Points Represented	Response/ Commitment of Project Proponents along with budget and timelines
1	Mr X		
2	Mr Y		
3	Mr Z		

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Public Hearing Photographs

<u>List of member of Expert Appraisal Committee in respect of Industry-2 Sector</u>

S.No.	Name of Members	Designation
1.	Dr. J. P. Gupta	Chairman
	A- 1/2 Panchsheel Enclave, New Delhi- 110070	
	E-mail: jpglobalconsultinggroup@gmail.com	
2.	Sh. R. K. Singh	Member
	301, Tulsi Meadows Building, St. Anthony's	
	Road, Near Uttam Society, Chembur, Mumbai-	
	400071, Maharashtra E-mail:	
	rksingh7854@gmail.com	
	The might be the girllameeth.	
3.	Dr. Ajay Gairola	Member
	123 Thomsan Marg IIT, Roorkee campus E-mail:	
	garryfce@iitr.ernet.in	
4.	Ms. Saloni Goel	Member
	B-701,CSI Towers, VipinKhand, Gomti Nagar,	
	Lucknow-226010 E-mail sgoel.eac@gmail.com	
5.	Sh. Y.V. Rami Reddy	Member
	Professor of Chemistry, Department of Chemistry,	
	Venkateswara University, Tirupati, Andhra Pradesh	
_	dryvrsvu@gmail.com	
6.	Dr.T.Indrasena Reddy	Member
	102, MVR Residency, Sri Laxminagar Colony,	
	Mansoorabad Road, Hyderabad	
	dr.itreddy@gmail.com	
7.	Shri Narender Surana	Member
	Surana Solar Pvt. Ltd., 5th Floor, Surya Tower,	
	Sardar Patel Road, Secunderabad - 500003 (Telangana) narender@surana.com	
8.	Dr. J. S. Sharma	Member
0.	C-83, 3 rd Shisham Street, Gama-I, Greater Noida-	Мешреі
	201310, GautamBudh Nagar (Uttar Pradesh)	
	sharmajswarup@hotmail.com	
9.	Shri S. C. Mann	Member
J.	H.No. 544, Sector 12, A, Panchkula (Haryana)	Member
	satishchandermann@yahoo.com	
10.	Shri Ashok Agarwal	Member
	Shri Ashok Agarwal 405, Sector-31, Gurugram,	
	Haryana ashokagrawal@vaishivf.com	
11.	Dr. T. K. Joshi	Member
	B/22, New Krishna Park, New Delhi -18 E-mail:	
	kantjoshi@gmail.com	
12.	Sh. Dinabandhu Gouda, Additional Director, CPCB,	Member
	PariveshBhawan,	

	East Arjun Nagar, Delhi-110092	
	<u>Dinabandhu.cpcb@nic.in</u>	
13.	Sh. Sanjay Bist, Scientist E,	Member
	Room No.517,	
	Office of the Director General of Meteorology,	
	India Meteorological Department,	
	MausamBhawan, Lodhi Road	
	New Delhi-110003	
	Sanjay.bist@imd.gov.in	
14.	Ashok Kumar Pateshwary, Director	Member Secretary
	Indira ParyavaranBhawan, MoEF&CC, 3rd Floor,	
	Jor Bag Road, New Delhi-110003	
	E-mail:-ak.pateshwary@gov.in	

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.