

AGENDA FOR 39th EXPERT APPRAISAL COMMITTEE (INDUSTRY-2) MEETING TO BE HELD DURING 25-27 July 2018

Venue: Brahmaputra Hall (25th July, 2018), 1st Floor, Vayu wing and Indus Hall (26-27 July, 2018), Ground Floor, Jal Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 3.

Time: 10:30 AM

39.1 Opening Remarks by the Chairman

39.2 Confirmation of the Minutes of the 38th Meeting of the EAC (Industry-2) held during 25-27 June, 2018 at Indira Paryavaran Bhawan, New Delhi.

25th July, 2018

39.3. Environmental Clearance

39.3.1 Expansion of molasses based distillery from 35 KLPD to 65 KLPD at Shreepur, Taluka Malshiras, District Solapur (Maharashtra) by M/s Brima Sagar Maharashtra Distilleries Ltd.
[IA/MH/IND2/67191/2017, J-11011/192/2017-IA-II (I)]

39.3.2 Manufacturing of Organic chemicals at Survey No.316, Navagam (Kardej), Bhavnagar-Sihor Road, Taluka & District Bhavnagar (Gujarat) by M/s Arvee Laboratories (India) Pvt. Ltd.
[IA/GJ/IND2/61830/2017, J-11011/26/2017-IA-II(I)]

39.3.3 New 30 KLPD molasses based distillery unit at village Sheware, Taluka Satana, District nasik (Maharashtra) by M/s Dwarkadhish Sakhar Karkhana Ltd.
[IA/MH/IND2/64803/2017, J-11011/256/2017-IA-II(I)]

39.3.4 Setting up of 5000 TCD Sugar cane crushing unit, Cogeneration plant of 30MW and Molasses based distillery of 60 KLPD at Village Shirur, Taluk & District Bagalkot (Karnataka) by M/s Mellbro Sugar Pvt Ltd.
[IA/KA/IND2/75099/201, J-11011/380/2017-IA-II(I)]

39.3.5 Proposed Agrochemical and Intermediates manufacturing plant at Plot No. B-15 to B-22, UPSIDC, Tehsil Sandila, District Hardoi (Uttar Pradesh) by M/s Swarup Chemicals Pvt Ltd.
[IA/UP/IND2/58942/2016, J-11011/324/2016-IA-II (I)]

39.3.6 Installation of facilities of BS VI MS/HSD (ISOM -1100 TMTPA Indmax GDS- 1150 TMTPA HGU – 2 x 60 TMTPA Kero HDS – 300 TMTPA DHDT revamp) at Paradip Refinery by M/s Indian Oil Corporation Limited at Abhaychandrapur, Jagatsinghapur (Orissa)
[IA/OR/IND2/63183/2017, IA-J-11011/121/2017-IA-II(I)]

39.3.7 Expansion of specialty chemicals in existing unit of M/s Paushak Ltd at Plot No. 135, 136, 145, 146, 147, 229 & 230, Village Panelav, PO Tajpura, Taluka Halol, District Panchmahal (Gujarat)

[IA/GJ/IND2/60354/2016, IA-J-11011/19/2017-IA-II(I)]

39.3.8 Proposing to manufacture Activated Pharma Ingredients by M/s Skantr Lifescience LLP at Survey no. 340 & 345, Village-Amipura, Kensville Nalsarovar Road, District Bavla, (Ahmedabad)

[IA/GJ/IND2/62557/2017, IA-J-11011/46/2017-IA-II(I)]

26th July 2018

39.3.9 Capacity Expansion in Grain Based Distillery (125 KLPD to 140 KLPD) by modernization in fermentation technology at Village Shyampur, Tehsil Behror, District Alwar (Rajasthan) by M/s Globus Spirits Limited

[IA/RJ/IND2/75045/2018]

39.3.10 Establishment of new Molasses/Grain based distillery of 120 KLPD and Cogeneration (3 MW) at village Hakimpur, post Nandganj, Tehsil Saidpur District Ghazipur (Uttar Pradesh) by M/s Lords Distillery Limited.

[IA/UP/IND2/63478/2017, J-11011/150/2017-IA-II(I)]

38.3.11 Expansion of Agrochemical & Agrochemical Intermediate Products at PLOT NO. 43/1, GIDC Dahej, Taluka Vagra, District Bharuch (Gujarat) by M/s Tagros Chemical India Ltd.

[IA/GJ/IND2/52237/2016; J-11011/122/2016- IA II(I)]

39.3.12 Manufacturing of Active Pharmaceutical Ingredients of capacity 125 TPM at Survey No. 112 Paiki 2&113, Paiki 1& 2, village chachapar, Taluka & District Morbi (Gujarat) by M/s Healthgenic Chemicals Pvt. Ltd.

[IA/GJ/IND2/65521/2017, J-11011/328/2017-IA-II(I)]

39.3.13 Expansion of Soda Ash and Captive Cogeneration Power Plant at village Mithapur & Surajkaradi, Taluka Dwarka, District Devbhumi (Gujarat) by M/s TATA Chemicals Ltd.

[IA/GJ/IND2/53444/201, J-11011/140/2016-IA II (I)]

39.4 Amendment in Terms of Reference

39.4.1 Capacity Expansion from 13.7 to 18 MMTPA with 100% BS-VI Auto Fuel Production at Vadodara (Gujarat) by M/s Indian Oil Corporation Limited Gujarat Refinery.

[IA/GJ/IND2/73416/2018, J-11011/93/2018-IA-II(I)]

38.4.2 Expansion of Soda Ash from 2,800 TPD to 4,300 TPD, Caustic Soda from 750 TPD to 1,000 TPD and Captive Power Plant from 197.18 MW to 350 MW at Kalatalav, Bhavnagar (Gujarat) by M/s Nirma Ltd

[IA/GJ/IND2/75000/2017, IA/GJ/IND2/71426/2017]

39.4.3 Establishment of Pesticides industry and pesticide specific intermediates (excluding formulations) & Synthetic organic chemicals manufacturing unit by M/s Prasol Chemicals Limited at Plot No. FS-30, Addl Mahad MIDC situated in Raigad District (Maharashtra) - Amendment in ToR

[IA/MH/IND2/62822/2017, IA-J-11011/70/2017-IA-II(I)]

27th July, 2018

39.5. Environmental Clearance

39.5.1 Exploratory Drilling of 22 Wells (Onshore) in Ramanathapuram PML, Tamil Nadu by M/s Oil and Natural Gas Corporation Ltd

[IA/TN/IND/19240/2013, J-11011/207/2013-IA-II(I)]

39.5.2 Expansion of Dyes, Chlor-Alkali, Pesticides Technical, Bulk Drug & Pharmaceuticals, Resin & other chemicals and adding new products (flavours & fragrances) at Survey No.274, 275, 276, Tehsil & District Valsad (Gujarat) by M/s Atul Industries Ltd.

[IA/GJ/IND2/57601/2015, J-11011/108/2015-IA II (I)]

39.5.3 Proposed pesticide technical & intermediates unit at Plot No.D-2/11/B/3/2, GIDC Dahej-II, Dahej-392 130, Taluka Vagra, District Bharuch (Gujarat) by M/s Greentec Chemicals Pvt Ltd - Environmental Clearance

[IA/GJ/IND2/67796/2017, IA-J-11011/437/2017-IA-II(I)]

39.6 Amendment in Environmental clearance/others

39.6.1 Expansion of Grain based Distillery from 100 KLPD to 600 KLPD & Co-generation Power Plant of 40 MW at Village Mansoorwal, Tehsil Zira, District Ferozepur (Punjab) by M/s Malbros International Private Limited.

[IA/PB/IND2/30448/2006, J-11011/187/2006-IAII(I)]

39.6.2 Expansion of Partially Oriented Yarn(POY), Fully Drawn Yarn(FDY) & Polyester Textured Yarn(PHY) alongwith Gas based Captive Co-generation Heat and Power Plant at Notified Industrial Zone, Sy. No.342, village Kharadpada, Naroll, Dadra & Nagar Havell, U.T by M/s Reliance Industries Ltd. (Silvassa Mfg. Divn)

[IA/DN/IND/4955/2010, J-11011/429/2010-IA.II(I)]

39.6.3 Expansion of Sugar unit (4500 TCD to 12000 TCD), Cogeneration Power Plant (20 MW to 70 MW) and Distillery Unit (60 KLPD to 160 KLPD) by M/s Baramati Agro Ltd at Village Shetphalgade, Tehsil Indapur, District Pune (Maharashtra)

[IA/MH/IND2/27937/2015, J-11011/106/2016- IA II(I)]

39.6.4 Proposed Molasses based Distillery (45 KLPD) at Gat No. 74 and 79 Village Mangrul, Tehsil Tuljapur, District Osmanabad (Maharashtra) by M/s Kancheshwar Sugar Ltd.

[IA/MH/IND2/60405/2016, J-11011/224/2013-IA II(I)]

39.7 Any other

- Note:-**
- (a) Information in respect of the proposals for Environmental clearance listed in the above to be submitted only as per the Form-2 (Annexure-I) and Format given at Annexure A.**
 - (b) Information in respect of the project for amendment/corrigendum in ToR/EC listed in the above agenda item to be submitted in the word format (by E-mail) only as per the proforma Annexure-II**
 - (c) Video conferencing facility is proposed to be introduced for appraisal of proposals listed above. To begin with, this facility shall be available to the projects in the state of Gujarat for the meeting on 26 & 27 July, 2018. In case the project proponent wants to avail the facility, prior intimation shall be given to the Ministry at least 7 days in advance to facilitate the needful.**

The project proposals, as mentioned in the Agenda for 39th meeting of the Expert Appraisal Committee for Industry-2 to be held on 25-27 July, 2018 will be considered for appraisal. In this context, the followings may be noted:-

2. The project proponents applied their on-line application should submit the Form-1, feasibility report for TOR along with other requisite documents in original, duly signed by the company authorized signatory for Environmental Clearance, well in advance before meeting to Ministry's project section or utmost at the time of presentation, **without which the proposal will not be considered.**

3. For the purpose, documents such as Form-1, Pre-feasibility report, approval from concerned department/states, compliance of existing EC, Environment Impact Assessment 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 – Hard and Soft Copies to the Chairman/members of the Expert Appraisal Committee, at least 6 days before the meeting.** List of Committee Members is at Annexure-III.

4. 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 by, the Committee will not consider the project.**

5. **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.**

6. Further, it is requested that the project proponent or his/her authorized representative should attend the presentation meeting of EAC. They may also depute senior officers from the company (**preferably not more than two 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.

7. 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., www.envfor.nic.in-www.envclearance.nic.in.

8. Kindly send a **brief write up/ Executive Summary of 1-2 pages (in Word Format only) as per following format (Annexure A) to the EAC secretariat:**

9. **Information should be sent in word format only on following e-mails including Members of the EAC:**

1. sk.smree66@nic.in
2. saranya.p@gov.in
3. saurabh.upadhyay85@gov.in
4. nobi.ep@nic.in

sd/
S. K. Srivastava
Scientist E

Subject:- Environmental Clearance/ToR- reg.

[Proposal NO....., F.NO.....]

The Project Proponent and the accredited Consultant M/s., made a detailed presentation on the salient features of the project and informed that:

- i. The proposal is for environmental clearance/ToR to the project at by M/s.
- ii. The project proposal was considered by the Expert Appraisal Committee (Industry-2) in itsth 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).**
- v. Existing land area is 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 ofin.....direction.
- x. Ambient air quality monitoring was carried out at locations during to and the baseline data indicates the ranges of concentrations as: PM₁₀ (...-.... $\mu\text{g}/\text{m}^3$), PM_{2.5} (...-.... $\mu\text{g}/\text{m}^3$), SO₂ (...-.... $\mu\text{g}/\text{m}^3$) and NO₂ (...-.... $\mu\text{g}/\text{m}^3$). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be $\mu\text{g}/\text{m}^3$, $\mu\text{g}/\text{m}^3$ and $\mu\text{g}/\text{m}^3$ with respect to PM₁₀, SO_x and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS). **(In case of EC Proposal)**
- xi. Total water requirement is m^3/day of which fresh water requirement of m^3/day will be met from

- xii. Effluent of quantity will be treated through..... . The plant will be based on Zero Liquid discharge system **(if applicable)**.
- 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	---	--	---

Form-2

APPLICATION FOR PRIOR ENVIRONMENTAL CLEARANCE

1 Details of Project					
a.	Name of the Project (s)	:			
b.	Name of the Company / Organisation	:			
c.	Registered Address	:			
d.	Legal Status of the Company	:			
e.	Joint Venture (Yes/No)	:			
	If Yes,				
	(i) No. of JV Partners(Multiple Entries Allowed)	:			
	Name of the JV Partner	Share of the JV Partner	Address of the JV Partner	Email Id of JV Partner	Mobile No. of JV Partner
2 Address for the correspondence					
a	Name of the applicant	:			
b	Designation (Owner / Partner / CEO)	:			
c.	Address				
d	Pin code				
e	e-mail				
f.	Telephone No.				
g.	Fax No.				
3 Category of the Project/Activity as per Schedule of EIA Notification,2006					
a.	Project / Activity [1(a)(i) / 1(a)(ii) / 1(b) / 1(c) / 1(d) / 1 (e) / 2(a) / 2(b) / 3(a) / 3(b) / 4(a) / 4(b)(i)/ 4(b) (ii) / 4(c) / 4(d) / 4(e) / 4(f) / 5(a) / 5(b) / 5(c) / 5(d) / 5(e) / 5(f) / 5(g) / 5(h) / 5(i) / 5(j) / 6(a) / 6(b) / 7(a) / 7(b)/ 7 (c) / 7 (d) / 7 (da) / 7 (e) / 7 (f) / 7 (g) / 7 (h) / 7 (i) / 8 (a) / 8 (b)				
b.	Category (A/B ₁ /B ₂)	:			
	If B ₁ or B ₂				
	Reason for application at Central Level / State level (in case of B ₂ projects)	:			
	If Others				
c.	Please Specify	:			
d.	EAC concerned (for category A Projects only) (Coal Mining / Non-coal Mining / Thermal / River Valley & Hydro / Industry-I / Industry-II / Infrastructure-I / Infrastructure-II / Nuclear & Defence / CRZ	:			
e.	New / Expansion /Modernization / One Time Capacity expansion (only for Coal Mining) / Expansion under Para 7(ii) / Modernization under Para 7(ii) / Change of Product Mix under Para 7(ii))	:			
4 Location of the Project					
a.	Plot / Survey / Khasra No.	:			
b.	Village	:			
c.	Tehsil	:			
d.	District				
e.	State				
f.	Pin Code				
g.	Bounded Latitudes (North)				
	From	:			
	To	:			

	h.	Bounded Longitudes(East)		
		From	:	
		To	:	
	i.	Survey of India Topo Sheet No.	:	
	j.	Upload Topo Sheet File (<i>Upload pdf only</i>)	:	
	k.	Maximum Elevation Above Means Sea Level(AMSL)	:	
	l.	Upload (kml) File (<i>Upload kml only</i>)	:	
	m.	Distance of Nearest HFL from the project boundary within the study area	:	
	n.	Seismic Zone (Zone: 1 / 2 / 3 / 4 / 5)	:	
5 Whether project is executed in multiple States (Yes / No)?				
If Yes				
	a.	Number of States in which Project will be Executed (e.g. 1,2,3,4,5,6)		
	b.	Main State of the Project		
	c.	Other State (<i>Multiple Entries Allowed</i>) (If the project to be executed, does not belong to any state, then state category could be selected as 'Other')		
		State	District	Tehsil
				Village
6 Details of Terms of Reference (ToR)				
	a.	Whether ToR is mandatory for submitting application (Yes / No)?		
		If Yes		
	b.	Date of issue of ToR / Standard ToR		
	c.	MoEF&CC / SEIAA File No.		
	d.	Upload ToR letter (PDF only)		
7 Details of Public Consultation				
	a.	Whether the Project Exempted from Public Hearing (Yes/No)?		
		If yes,		
		Reason		
	b.	Supporting Document (<i>upload pdf only</i>)		
	c.	Whether details of Public Hearing available (Yes/No)?	:	
		If No,		
	d.	Reason thereof		
		Supporting Document (<i>upload pdf only</i>)		
		If Yes,		
	e.	Date of Advertisement of Public Hearing		
	f.	Copy of advertisement in English (Upload PDF only)	:	
	g.	Whether Public hearing was presided over by an officer of the rank of Additional District Magistrate or above (Yes/No)?	:	
		If yes		
	h.	Designation of Presiding Officer (District Magistrate / District Collector / Deputy Commissioner / others - please specify)		
	i.	Copy of duly signed Proceedings of Public Hearing in English (<i>Upload pdf only</i>)	:	
	j.	Date of Public Hearing	:	
	k.	Venue of Public Hearing:	:	
		Village		
		Tehsil		
		District		
		State		
	l.	Distance of Public Hearing Venue from the Proposed Project (km)	:	

	m.	No. of people attended	:	
	n.	If the multiple public hearings conducted		
		Pl give the details of each PH as per (e) to (o) above		
8	Details of Project Configuration / Product (Multiple Entries Allowed)			
	a.	Whether the project is New (Yes/No?)		
		If yes,		
	b.	Project Configuration		
		Plant / Equipment / Facility	Configuration	Remarks if any
	c.	Product	:	
		Product / Activity (Capacity / Area)	Quantity	Unit
				Mode of Transport / Transmission of Product
		<ul style="list-style-type: none"> - Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others) - Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Aerial Ropeway, combination of two or three modes, Others) 		
9	If Expansion / Modernisation / One Time Capacity expansion (only for Coal Mining) / Expansion under Clause 7(ii) / Modernisation under Clause 7(ii) / Change of Product Mix under Clause 7(ii))			
	a.	Details of environmental clearance granted earlier		
		(i)	Date of issue of environmental clearance	:
		(ii)	MoEFCC / SEIAA File Number	
		(iii)	Upload EC Letter	
	b.	Details of certified report on compliance of earlier environmental clearance conditions		
		(i)	Details of Regional Office of MoEFCC / Zonal Office of CPCB / SPCB / UTPCC from which certified report on compliance of earlier environmental clearance conditions obtained	:
		(ii)	Letter No	:
		(iii)	Status of Compliance	:
		(iv)	Certified report on compliance of earlier environmental clearance conditions (Including Monitoring Report) (<i>Upload pdf only</i>)	:
		(v)	Date of site visit	:
	c.	Details of Consent to Operate		
		(i)	Whether Consent to operate obtained (Yes/No)?	
			If yes,	
		(ii)	Upload Copies of all Consent to operate obtained since inception (<i>Upload pdf only</i>)	
		(iii)	Date of issue	
		(iv)	Valid up to	
		(v)	File No.	
		(vi)	Application No.	
		(vii)	Upload Copy of Consent to operate valid as on date (<i>Upload pdf only</i>)	
	d.	Details of Capacity Expansion (<i>Multiple Entries Allowed</i>)		

		Product/Activity (Capacity/Area)	Quantity From	Quantity To	Unit	Mode of Transport / Transmission of Product		
		<ul style="list-style-type: none"> - Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others) - Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Aerial Ropeway, combination of two or three modes, Others) 						
	e.	Details of Configuration (<i>Multiple Entries Allowed</i>)						
		Plant / Equipment / Facility	Existing Configuration	Proposed Configuration	Final configuration after expansion	Remarks if any		
10	Project Cost							
	a.	Total Cost of the Project at current price level (in Lakhs)					:	
	b.	Funds Allocated for Environment Management (Capital) (in Lakhs)					:	
	c.	Funds Allocated Towards ESC (Entrepreneur Social Responsibility) (in Lakhs)					:	
	d.	Funds Allocated for Environment Management Plan (EMP) (Recurring per Annum) (in Lakhs)					:	
11	Whether project attracts the General Condition specified in the Schedule of EIA Notification (Yes/No)? [provide name of WL/CPA/ESA/Inter-state boundary / International boundary and distance from the project]						:	
		If Yes						
	a.	Protected Area Notified Under the Wild Life(Protection) Act, 1972					:	
	b.	Critically Polluted Areas as identified by the Central Pollution Control Board from Time to Time					:	
	c.	Notified Eco-Sensitive Areas					:	
	d.	Inter-State Boundaries and International Boundaries					:	
12	Whether projects attract the Specific Condition specified in the Schedule of EIA Notification (Yes/No)?						:	
		If Yes						
	a.	If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre-defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate						
13	Raw Material / Fuel Requirement (<i>Multiple Entries Allowed</i>)							
	a.	Details of Raw Material / Fuel Requirement						

Raw Material / Fuel	Quantity per Annum	Unit	Source(inc ase of Import, please specify country and Name of the port from which Raw Material / Fuel is received)	Mode of Transport	Distance of Source from Project Site (in Kilo meters) (In case of import, distance from the port from which the raw material / fuel is received	Type of Linkage (Linkage / Fuel Supply Agreement / e-auction / MoU / LOA / Captive / Open market / Others)	
<p>In case of expansion proposals, total requirement of raw material / fuel shall be given</p> <ul style="list-style-type: none"> - Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others) - Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Arial Ropeway,combination of two or three modes, Others) 							
b.	Upload copy of Linkage / Fuel Supply Agreement / e-auction / Memorandum of Understanding / Letter of Allocation / Captive source / others.					:	
14 Baseline Data (Air / Water / Noise / Soil / Ground water table/ Others)							
a.	Period of Base Line Data Collection						
	From (DD/MM/YYYY)					:	
	To (DD/MM/YYYY)					:	
b.	Season (Summer / Pre-monsoon / Post-monsoon / Winter)					:	
c.	No. of Ambient Air Quality (AAQ) Monitoring Locations					:	
d.	Details of AAQ Monitoring (<i>Multiple Entries Allowed</i>)						
	Criteria Pollutants	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard	
	<ul style="list-style-type: none"> - Criteria Pollutants: - (PM10, PM2.5, SO2, NOx, Others parameters specific to sector) - Unit: - (Micro Gram per Meter Cube,Nano Gram per Meter Cube,Mili Gram per Meter Cube, NA) 						
e.	No. of Ground Water Monitoring Locations (<i>Multiple Entries Allowed</i>)					:	
f.	Details of Ground Water Monitoring						
	Criteria Pollutants	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard	
	<p>Criteria Pollutants: - (pH, TSS, TDS, Total Hardness, Chlorides, Fluoride, Heavy Metals, other parameters specific to the sector)</p> <ul style="list-style-type: none"> - Unit :- (mg/l, NA) 						
g.	No. of Surface Water Monitoring Locations					:	
h.	Details of Ground Water Monitoring (<i>Multiple Entries Allowed</i>)						
	Criteria Pollutants	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard	

	<ul style="list-style-type: none"> - Parameter :- (pH, DO, BOD, COD, Others parameters specific to the sector) - Unit :- (mg/l, NA) 							
i.	No. of Ambient Noise Monitoring Locations						:	
j.	Details of Noise Monitoring (<i>Multiple Entries Allowed</i>)							
	Parameter	Unit	Maximum Value	Minimum Value	98 Percentile Value	Prescribed Standard		
	<ul style="list-style-type: none"> - Parameter:- (Leq(Day),Leq(Night)) - Unit :- (A-weighted decibels(dB(A)) 							
k.	No. of Soil Monitoring Locations (<i>Multiple Entries Allowed</i>)						:	
	Parameter	Unit	Maximum Value	Minimum Value	98 Percentile Value			
	<ul style="list-style-type: none"> - Parameter :- (pH, N(Nitrogen), P(Phosphorus), K(Potassium), Electric Conductivity) - Unit :- (Millisiemens per Centimeter, Milligram per Litre, Percent, Centimeter per Second, Milliequivalents per 100 Gram, Milligram per Kilogram, Parts per Million, Kilogram per hectare, Others) 							
l	Ground Water Table							
i	Range of Water Table Pre-Monsoon Season (Meters Below Ground Level (m bgl)):							
	From						:	
	To						:	
ii	Range of Water Table Post-Monsoon Season (Meters Below Ground Level (m bgl)):							
	From						:	
	To						:	
iii	Whether Ground Water Intersection will be there (Yes / No)?						:	
	If Yes,							
	(i) Upload Copy of Central Ground Water Authority Letter (<i>Upload pdf only</i>)						:	
	(ii) Letter No.						:	
	(iii) Date of issue						:	
15	Details of Water Requirement (During Operation)(Multiple Entries Allowed)							
a.	Details							
	Source	Quantity in KLD	Method of water withdrawal	Distance from Source	Mode of Transport			
	<ul style="list-style-type: none"> - Source: Surface /Ground Water /Sea /Others - Mode of Transportation: Pipeline /Canal /Others - Method of water withdrawal: Barrage / Weir / Intake well / Jackwell / Tube well / Open well / Others 							
b.	Upload Copy of Permission from Competent Authority (<i>Upload pdf only</i>)							
c.	Letter No.						:	

	d.	Date of issue	:					
	e.	Permitted quantity	:					
	f.	Whether Desalination is proposed (Yes/ No)	:					
		If Yes,						
		(i) Desalination capacity (KLD)	:					
		(ii) Quality of Brine (KLD)	:					
		(iii) Mode of Disposal of brine	:					
16	Waste Water Management (During Operation)							
	Type / Source	Quantity of Waste Water Generated (Kilo Litre per Day)	Treatme nt Capacity (Kilo Litre per Day)	Treatme nt Method	Mode of Dispos al	Quantity of Treated Water Used in Recycling / Reuse (Kilo Litre per Day)	Quantity of Discharged Wat er (Kilo Litre per Day)	
	a.	Total Waste Water Generation					:	
	b.	Total Discharged Water					:	
	c.	Total Reused Water					:	
17	Solid Waste Generation Management(Multiple Entries Allowed)							
	Item	Quantity per Annum	Unit	Distance from Site	Mode of Transport	Mode of Disposal		
	<ul style="list-style-type: none"> - Item:- (Industrial waste,Municipal Solid waste,Fly ash, Bottom Ash, Hazardous Waste (as per Hazardous and Other Waste Management Rules 2016),E Waste,Bio-Medical waste,Construction & Demolition waste,Plastic Waste,Others) - Unit:- (Tons,Kiloliter) - Mode of Disposal:- (Treatment, Storage and Disposal Facility(TSDF),Authorized Re-cyclers,Landfills,Sanitary Landfills,Others) 							
18	Air Quality Impact Prediction (Multiple Entries Allowed)							
	Criteria Pollutants	Unit	Baseline Concentration	Minimum Value	Incremental Concentration	Total GLC	Prescribed Standard	
	<ul style="list-style-type: none"> - Parameter:- (PM10, PM, SO2, NOx, Others parameters specific to the sector) - Unit :- (Microgram per Meter Cube, NA) 							
19	Power Requirement							
	a.	Quantity (Kilo Volt Amps (KVA))					:	
	b.	Source					:	
	c.	Upload Copy of Agreement (<i>Upload pdf only</i>)					:	
	d.	Standby Arrangement (Details of DG Sets)					:	
	e.	Stack Height (in m)					:	
20	Land Ownership Pattern (Prior to the project proposal) in Ha							
	a.	Forest land					:	

	b.	Private Land	:		
	c.	Government Land	:		
	d.	Revenue Land	:		
	e.	Other Land	:		
		Total land			
21	Present Land Use breakup in Ha				
	a.	Agriculture Area	:		
	b.	Waste/Barren Area	:		
	c.	Grazing/ Community Area	:		
	d.	Surface Water bodies	:		
	e.	Settlements			
	f.	Industrial			
	g.	Forest	:		
	h.	Mangroves			
	i.	Marine area			
	j.	Others (Specify)	:		
		Total	:		
22	Land requirement for various activities (Multiple entries allowed) in Ha			:	
	Description of Activity / Facility / Plant / Others		Land requirement	Remarks	
	Green belt				
	Total				
	- Activity / Facility / Plant / Others include: Main Plant, Township, Greenbelt, Ash pond, Quarry area, OB dump Area, Safety zone, Tailing pond, Landfill, Water reservoir, De-salination plant, Area for solid waste management, Built-up area, others				
23	Ecological and Environmental Sensitivity (Within 10 Km):-<u>WLS-Wild Life Species; NPA-Notified Protected Area; ESAs-Eco Sensitive Areas;ESZs- Eco Sensitive Zones</u>				
	a.	Details of Ecological Sensitivity			
		Details of Ecological Sensitivity	Name	Distance from the Project (Km)	Remarks
		- Details of Ecological Sensitivity: - (Critically Polluted Area, WLS, NPA, ESAs, ESZs, Corridors, Wildlife Corridors)			
	b.	Whether NBWL recommendation is required (Yes/No)?			
		If yes			
		Upload NBWL recommendation in PDF			
	c.	Details of Environmental Sensitivity			
		Details of Environmental Sensitivity	Name	Distance from the Project (Km)	Remarks
		- Details of Environmental Sensitivity:- (Forest, Archaeological Sites, Defence Installations, Others)			

	d.	Whether NoC / Permission from the competent authority is required (Yes/No)?		
		If yes		
		Upload NoC / Permission from the competent authority in PDF		
24	Forest Land			
	1	Whether any Forest Land involved(Yes/No)?		
		If Yes		
	a.	Forests Clearance Status (In-Principle(Stage-I) Approval Obtained / Final (Stage-II) Approval Obtained / Forest Clearance Under Process(Stage-I) / Forest Clearance Under Process(Stage-II) / Application for Forest Clearance yet to be Submitted)	:	
		If In-Principle (Stage-I) Approval Obtained,		
		(i) MoEFCC file number	:	
		(ii) Date of InPrinciple (Stage-I) approval	:	
		(iii) Area diverted	:	
		(iv) Upload FC Letter (Upload pdf only and attach it as Annexure-FC letter)	:	
		If Final (Stage-II) Approval Obtained,		
		(i) MoEFCC file number	:	
		(ii) Date of Final Approval	:	
		(iii) Date of In-Principle Approval	:	
		(iv) Area diverted	:	
		(v) Upload FC Letter(<i>Upload pdf only and attach it as Annexure-FC letter</i>)		
		If Forest Clearance under process (Stage-I),		
		(i) MoEFCC file number	:	
		(ii) Area applied	:	
		If Forest Clearance under process (Stage-II),		
		(i) MoEFCC file number	:	
		(ii) Area applied	:	
	b.	Legal Status of Forest Land (Reserved, Protected, Private, Village, Others)		
		If Others,		
		Please Specify Others	:	
25	Tree Cutting, if any			
	a.	No. of Trees Cut for the Project (if Forestland not involved)	:	
	b.	Details of Tree Cutting and Planting of Trees (<i>Upload pdf Only</i>)	:	
26	Land Acquisition Status			
	a.	Acquired Land		
	b.	Land yet to be acquired		
	c.	Status of Land acquisition if not acquired		
27	Rehabilitation and Resettlement (R&R)			
	a.	No. of Villages		
	b.	No. of Households		
	c.	No. of PDFs (Project Displaced Families)		
	d.	No. of PAFs (Project Affected Families)		
	e.	Funds Allocated for R&R		
	f.	Status of R&R (Completed / In-progress / Yet to start)		

28	Whether there is Presence of Schedule-I Species (Yes/No)?	:	
	If yes,		
a.	Details of Schedule-I Species	:	
b.	Whether conservation plan for Schedule-I Species has been prepared (Yes/ No)?	:	
	If Yes,		
	(i) Upload conservation plan (Upload only PDF)		
	(ii) Fund Provision made		
	(iii) Period of Implementation		
c.	Whether conservation plan for Schedule-I Species has been approved by competent authority (Yes/ No)?		
	(i) Upload copy of approval (Upload PDF Only)	:	
	(ii) Letter No.	:	
	(iii) Date of issue	:	
	(iv) Recommendations if any	:	
29	Whether there is Presence of Water Bodies in Core Area(Yes/No)?	:	
	If yes,		
a.	Details of Water Bodies in Core Area	:	
b.	Whether there is Diversion required (Yes/No)?		
	If yes,		
c.	Details of diversion required		
d.	Details of study conducted		
e.	Whether permission has been obtained from competent authority (Yes/No)?		
	(i) Upload copy of permission (Upload PDF Only)		
	(ii) Letter No.		
	(iii) Date of issue		
	(iv) Recommendations if any		
30	Whether there is Presence of Water Bodies in Buffer Area(Yes/No)?	:	
	If Yes		
a.	Details of Water Bodies in Buffer Area	:	
b.	Direction of Water Bodies in Buffer Area (North / South / East / West / North East / North West / South East / South West)	:	
c.	Distance of Water Bodies in Buffer Area (kilo meters)		
31	Manpower Requirement		
a.	Permanent employmentduring construction	:	
b.	Permanent employment during operation	:	
c.	Temporary employmentduring construction	:	
d.	Temporaryemployment during operation	:	
e.	No. of working days	:	
f.	Total manpower	:	
32	Green Belt in Ha		
a.	In case of new projects	:	
i.	Total Area of Green Belt		
ii.	Percentage of Total Project Area	:	
iii.	No. of Plants to be Planted	:	

	iv.	Funds Allocated for Plantation	:		
	v	Upload Green Belt Plan (Upload PDF Only)			
	b.	Incase of expansion / modernization / change in product mix etc.			
	i.	Description	Existing	Proposed	Total
		Total Area of Green Belt			
		Percentage of Total Project Area			
		No. of Plants			
		Funds Allocated			
	ii.	Upload Green Belt Plan (Upload PDF Only)			
33	Project Benefit (<i>Multiple entry allowed</i>)				
	Type of Project Benefits		Details of Project Benefit		
	(Project benefits shall include environmental, social and others)				
34	Whether the Project / Activity attracts the provisions of CRZ (Yes/No)?				
	If yes,				
	1	Project Details			
	a.	CRZ Classification: (CRZ I (A), CRZ I(B), CRZ II, CRZ III, CRZ IV (A), CRZ IV(B))			
	b.	Location type: (Non-Eroding Coast, Low and Medium Eroding Coast, High Eroding Coast)			
	c.	Details of Mangroves Land Involved, if Any			
	d.	Area of Mangroves Land (hectare)			
	e.	EIA (Terrestrial) Studies: (Carried Out, Not Carried Out)			
		<i>If Carried Out,</i>			
		1)	Summary Details of EIA (Terrestrial) Studies		
		2)	Upload Recommendation made in EIAs (Upload pdf only)		
		3)	Period of Study from (EIA Terrestrial)		
		4)	Period of Study to (EIA Terrestrial)		
		<i>If Not Carried out</i>			
			Give Reason		
	f.	EIA (Marine) Studies: (Carried Out, Not Carried Out)			
		<i>If carried out</i>			
		1)	Summary Details of EIA (Marine) Studies		
		2)	Upload Recommendation made in EIAs		
		3)	Period of Study from (EIA Marine)		
		4)	Period of Study to (EIA Marine)		
		<i>If Not Carried out,</i>			
		Give Reason			
	g.	Disaster Management Plan/National Oil Spill Disaster Contingency Plan (if Applicable)			
	2.	<u>Description of the Project Under Consideration</u>			
	a.	Type of Project: (Resort/Buildings/civic amenities, Coastal Roads/Roads on Stilt, Pipelines from Thermal power Blow Down, Marine Disposal of Treated Effluent, Facility for Storage of			

			Goods/Chemicals, Offshore structures, Desalination Plant, Mining of Rare Earth/Atomic Minerals, Sewage Treatment Plants, Lighthouse, Wind Mills, Others)		
			<i>If Resort/Buildings/civic amenities,</i>		
		1)	Agency Name for Preparing CRZ Maps		
		2)	Total Area/Built-up Area (hectare)		
		3)	Height of Structure		
		4)	FSI Ratio		
		5)	The governing Town Planning Rules/Regulations		
		6)	Details of Provision of Car Parking Area		
			<i>If Coastal Roads/Roads on stilt,</i>		
		1)	Agency Name for Preparing CRZ Maps		
		2)	Area of Land Reclamation		
		3)	Estimated Quantity of Muck/Earth for Reclamation		
		4)	Carrying Capacity of Traffic		
			<i>If Pipelines from Thermal Power Blow Down,</i>		
		1)	Agency Name for Preparing CRZ Maps		
		2)	Length of Pipeline		
		3)	Length Traversing CRZ Area		
		4)	Depth of Excavation		
		5)	Width of Excavation		
		6)	Length of Pipeline from Seashore to Deep Sea		
		7)	Depth of Outfall Point from Surface of Sea Water		
		8)	Temperature of effluent above Ambient at Disposal Point		
			<i>If Marine Disposal of Treated Effluent,</i>		
		1)	Agency Name for Preparing CRZ Maps		
		2)	Location of Intake/Outfall		
		3)	Depth of Outfall Point		
		4)	Length of Pipeline		
		5)	Length Traversing CRZ Area		
		6)	Depth of Excavation		
		7)	Width of Excavation		
		8)	Length of Pipeline from Seashore to Deep Sea/Creek		
		9)	Depth of Outfall Point from Surface of Sea Water		
		10)	Depth of Water at Disposal Point		
		11)	Type of Disposal		
			<i>If Facility for Storage of Goods/Chemicals,</i>		
		1)	Agency Name for Preparing CRZ Maps		
		2)	Name and Type of Chemical		
		3)	End use of the Chemical		
		4)	No. of Tanks for Storage		
		5)	Capacity of tanks		
			<i>If offshore structures,</i>		

		1)	Agency Name for Preparing CRZ Maps			
		2)	Exploration or Development			
		3)	Depth of Sea Bed			
		4)	No. of Rigs/Platform			
		5)	Details of Group Gathering Stations			
		If Desalination Plant,				
		1)	Agency Name for Preparing CRZ Maps			
		2)	Capacity of Desalination			
		3)	Total Brine Generation			
		4)	Temperature of Effluent above Ambient at Disposal Point			
		5)	Ambient Salinity			
		6)	Disposal Point			
		If Mining of Rare Earth/Atomic Minerals,				
		1)	Agency Name for Preparing CRZ Maps			
		2)	Capacity of Mining			
		3)	Volume/Area to be mined			
		4)	Type of Mineral to be Extracted			
		5)	End use of the Mineral			
		If Sewage Treatment Plants,				
		1)	Agency Name for Preparing CRZ Maps			
		2)	Capacity			
		3)	Total Area of Construction			
		4)	Compliance of effluent parameters as laid down by CPCB/SPCB/other authorized agency			
		5)	Whether discharge is in sea water/creek? If yes,			
			Distance of Marine Outfall Point from Shore/from the tidal river bank			
			Depth of Outfall Point from Sea Water Surface			
			Depth of Sea at Outfall Point			
		If Lighthouse,				
		1)	Agency Name for Preparing CRZ Maps			
		2)	Total Area of Construction			
		3)	Height of the Structure			
		If Wind Mills,				
		1)	Agency Name for Preparing CRZ Maps			
		2)	Capacity (MW)			
		3)	Transmission Lines: (Overhead, Underground)			
		4)	Diameter of Windmill			
		5)	Length of Blade			
		6)	Speed of Rotation			
		7)	Height of the Structure			
		If Others,				
		1)	Agency Name for Preparing CRZ Maps			
		2)	Please Specify with salient features			

		3)	Upload relevant Document (<i>Upload pdf only</i>)		
3.	Distance of Project (In Meters) from LTL/HTL to be Stated				
	a.	Clause of CRZ Notification Under which the Project is a Permissible/Regulated Activity			
	b.	Whether CRZ Map Indicating HTL, LTL Demarcation in 1:4000 Scales Prepared? (Yes/No)			
		<i>If Yes,</i>			
		1)	Distance of Project (in meters) from HTL to be Stated		
		2)	Upload Maps(<i>kml File</i>)		
		3)	Distance of Project(in meters) from LTL to be Stated		
		4)	Upload Maps (<i>kml File</i>)		
	c.	Whether Project Layout Superimposed on CRZ Map 1:4000 Scales?: (Yes/No)			
		<i>If Yes,</i>			
		1)	Upload Maps (<i>kml File</i>)		
	d.	Whether CRZ Map 1:25000 Covering 7 km Radius Around Project Site Prepared? (Yes/No)			
		<i>If Yes,</i>			
		1)	Upload Maps (<i>kml File</i>)		
	e.	Whether CRZ Map Indicating CRZ-I,II,III and IV Including Other Notified ESAs Prepared?: (Yes/No)			
		<i>If Yes,</i>			
		1)	Upload Maps (<i>kml File</i>)		
	f.	NOC from State Pollution Control Boards Obtained: (Yes/No)			
		<i>If Yes</i>			
		1)	Upload Copy of NOC (<i>Upload pdf only</i>)		
	g.	Details of Rain Water Harvesting System			
4.	Recommendation of State Coastal Zone Management Authority				
	a.	Upload Copy of CZMA (<i>Upload pdf Only</i>)			
	b.	State the Conditions Imposed			
	c.	Social and Environmental Issues and Mitigations Measures Suggested Including but not Limited to R&R, Water, Air, Hazardous Wastes, Ecological aspects, etc. (Brief Details to be Provided)			
35	Sector Specific Details				
I	Whether the proposal is mining of minerals (coal / non-coal) project (Yes/No)?				
		<i>If yes,</i>			
	1	No. of Mineral to be Mined (Multiple Entries Allowed)		:	
		Minerals To be Mined		Major or Minor Mineral	
	2	Mine Capacity in ROM (Run of Mine)			
	3	Upload 500 meters Cluster Certificate from State Mines and Geology in case of minor minerals (Upload pdf Only)			
	4	Mining Plan			
	a.	Approval Letter No.			

	b.	Date of Approval		
	c.	Upload Approved Letter (<i>Upload pdf only</i>)		
	d.	Approved by State Mines & Geology Department / Indian Bureau of Mines / Ministry of Coal /Ministry of Mines /State Government /Atomic Mineral Directorate / Others)		
	e.	If Others,		
		Please specify		
	f.	Approved Mining Lease Area		
	g.	Approved Capacity		
5	Technical Details			
	a.	Total Geological Reserves (Million Ton)		
	b.	Mineable Reserves (Million Ton)		
	c.	Extractable Reserves(Million Ton)		
	d.	Percent of Extraction(%)		
	e.	Grade of Coal /Ore /Mineral		
	f.	Stripping Ratio		
	g.	Category of Gaseousness (Only for Coal Mining, Others may write Not applicable)		
	h.	Average Gradient(Degree)		
	i.	Maximum Thickness of Seams(meters) (Only for Coal Mining, Others may write Not applicable)		
	j.	Mining Method (Opencast / Underground /Mixed(Opencast + Underground) /Adit		
	k.	Life of Mine (Years)		
6	Details of beneficiation (including crushing / screening/others)			
	a.	Whether it is proposed to install crusher within the mining lease area (Yes/No)?		
		If yes,		
	b.	No. of crushers		
	c.	Details of crusher (Multiple entries allowed)		
		Crusher ID	Capacity (in TPH)	Remarks
	d.	Whether it is proposed to install beneficiation plant / Coal washery within the mining lease area (Yes/No)?		
		If yes,		
	e.	Beneficiation / washing Technology		
	f.	Capacity		
7	Details of Seams if applicable			
	a.	No. of seams		
	b.	Thickness of seams to be worked on		
	c.	Maximum Thickness of Seams(meters) (if not Applicable, may Write NA)		
8	Details of Mining Lease			
	a.	Details of Mining Lease		
	b.	Upload Letter of Intent (Upload pdf only)		
	c.	Date of Execution of Mining Lease with Reference Number		

	d.	Validity of Mining Lease					
	e.	Upload Copy of Executed Lease deed valid as on Date (Upload pdf only)					
	f.	Earlier Renewals (Multiple Entries Allowed)					
		Uploaded Copy of Earlier Lease	Date of Renewal				
9	OB (Over Burden) Management (Only if Mining Method: Opencast)						
	a.	Details of External Dumps					
		i) No. of OB Dumps					
		ii) Total Area (in Hectare)					
		iii) Height (in meter)					
		iv) Quantity (in Million Cubic meter)					
		v) No. of year back fill up					
	b.	Details of Internal Dump					
		i) No. of Internal Dumps					
		ii) Total Area (in Hectare)					
		iii) Height (in meter)					
		iv) Quantity (in Million Cubic meter)					
10	Details of Topsoil Management						
	a.	Quantity of Topsoil excavated during the entire life of the mine (in Million Cubic meter)					
	b.	Quantity of Topsoil proposed for utilization for reclamation during the entire life of the mine (in Million Cubic meter)					
	c.	Quantity of Topsoil proposed for utilization for other activities during the entire life of the mine (in Million Cubic meter)					
11	Detail of Final Mine Void(Only if Mining Method: Opencast)						
	a.	Area (in Hectare)					
	b.	Depth (in meter)					
	c.	Volume (in Million Cubic meter)					
12	Details of Quarry(Only if Mining Method: Opencast)						
	a.	Final Void of (hectare)					
	b.	At a Depth of (meter which is proposed to be converted into a Water Body.)					
	c.	Total Quarry Area (ha)					
13	Details of Transportation						
	a.	In Pit/Underground to Surface					
	b.	Surface to Siding/Loading					
	c.	Transportation / Conveyor Details					
14	Details of Land Usage (Pre-Mining)						
		Land Use	Within ML Area (Hectare)	Outside ML Area (Hectare)	Total		
		Agriculture Land					
		Forest Land					
		Waste Land					
		Grazing Land					
		Surface Water Bodies					
		Settlements					

		Others(Specify)					
15	Details of Transportation						
	a.	In Pit/Underground to Surface					
	b.	Surface to Siding/Loading					
	c.	Transportation / Conveyor Details					
16	Details of Land Usage (Pre-Mining)						
		Land Use	Within ML Area (Hectare)	Outside ML Area (Hectare)	Total		
		Agriculture Land					
		Forest Land					
		Waste Land					
		Grazing Land					
		Surface Water Bodies					
		Settlements					
		Others(Specify)					
		Others					
17	Details of Land Usage (Post-Mining)						
		Land Use	Plantation	Water Body	Public Use	Others	
		Excavation / quarry					
		Top Soil Storage					
		External OB dumps					
		Internal OB dumps					
		Roads					
		Built Up Area (Colony/Office)					
		Green Belt					
		Virgin Area					
		Other					
		Total					
18	Details of Reclamation(Only if Mining Method: Opencast)Total Afforestation Plan shall be Implemented Covering of Mining. This will include:						
	a.	External OB Dump(in hectare)					
	b.	Internal Dump(in hectare)					
	c.	Quarry(in hectare)					
	d.	Safety Zone(in hectare)				:	
	e.	Final Void of (hectare)				:	
	f.	At a Depth of (<i>meter which is proposed to be converted into a Water Body.</i>)				:	
	g.	Density of Tree Plantation per ha (in no.)				:	
	h.	Others in ha (such as Excavation Area along ML Boundary, along Roads and Infrastructure, Embankment Area and in Township Located outside the Lease etc.)					
	i.	Total afforestation plant (in hectare)					
19	Status of Progressive Mining Closure Plan (For Expansion Projects only)						
	a.	Implementation of Various Activities as per Approved					

			Progressive Mine Closure Plan(in Bar Chart) (pdf) (<i>Upload pdf only</i>)					
		b.	Any Deviation from the Approved Progressive Mine Closure Plan					
		c.	Total Area Excavated(in hectare)					
		d.	Total Area Backfilled after Excavation(in hectare)					
		e.	Total Area Reclaimed (in hectare)					
	20	Actual Coal/Ore Production vis-a-vis sanctioned capacity Since inception (<i>Multiple Entries Allowed</i>)						
		Financial Year	Sanctioned Capacity as per EC (MTPA)	Sanctioned capacity as per CTO	Sanctioned capacity as per approved Mining Plan	Actual Production	Excess Production Beyond the EC / CTO / Mining Plan Sanctioned Capacity (MTPA)	
II	Whether proposal is for Thermal Project (including captive power plant and Waste Heat Recovery Plant) (Yes/No)?							
		If yes,						
	1	Specifications of the Plant						
		a.	Technology proposed (Supercritical, Sub-Critical, CFBC, AFBC, PFBC, IGCC, Incineration, Pyrolysis, Gasification, Bio-methanation, Others)				:	
		b.	Plant Load Factor (%)				:	
		c.	Station Heat Rate (Kcal/Kwh)				:	
		d.	Steam Rate/Flow Rate				:	
		e.	Boiler Temperature				:	
		f.	Boiler Pressure				:	
		g.	Type of Stack (Single flue / Bi-flue / Tri-Flue)				:	
		h.	No. of Stacks					
			Stack ID	Stack height (m)	Stack Diameter at exit (m)	Exit velocity of stack gas (m/s)	Exit temperature of stack gas (°C)	
	2	Details of fuel linkage (please specify if multiple linkages are involved)						
		a.	Type of linkage (Linkage / Fuel Supply Agreement / e-auction / MoU / LOA / Captive / Open market / Others)					
		b.	Quantity of linkage granted					
		c.	Date of Linkage					
		d.	Duration of linkage					
	3.	Details of Transportation of fuel						
		Details / Mode		Distance (km)	Quantity (TPA)			
		Rail						
		Road						
		Pipeline						
		Conveyor						
		Other mode (Please specify)						

	4.	Details of Fuel Characteristics				
	a.	Gross Calorific Value (Kcal/Kg)				
	b.	Ash content (%)				
	c.	Sulphur Content (%)				
	d.	Moisture (%)				
	e.	Mercury (mg/kg)				
	f.	Fixed Carbon (%)				
	g.	Volatile Matter (%)				
	5.	Details of Cooling system				
	a.	Type of cooling system: Air cooled/Water cooled				
	b.	Type of draft: Natural draft/Forced draft				
	c.	Type of air circulation: Parallel flow/ Counter flow				
	d.	Cycles of Cooling (COC):				
	e.	Water requirement for cooling (m ³ /day):				
	f.	Boiler blow down temperature:				
III	Whether proposal is for River Valley & Hydroelectric Project (Yes/No)?					
	If Yes,					
	1.	Sub Sector: (Multipurpose Project / Hydroelectric Project / Irrigation project)				
	2.	Name of the River		:		
	3.	Whether Cumulative Impact Assessment and Carrying Capacity Study of River Basin Carried Out? (Yes/No)		:		
		If Yes		:		
	a.	Status of Cumulative Impact Assessment and Carrying Capacity Study of River Basin: (Recommended / Not Recommended,)		:		
		If Recommended				
	b.	Details of Cumulative Impact Assessment and Carrying Capacity Study of River Basin		:		
	c.	Upload Relevant Document (<i>Upload pdf only</i>)		:		
	4.	Type of Project: (Construction of Dam Barrage / Run of the River / Lift Irrigation Scheme)		:		
	5.	Dam Height (meter) if applicable		:		
	6.	Dam Length (meter) if applicable				
	7.	Total Submergence Area (hectare)		:		
	8.	Details of Gross Command Area (GCA) (hectare)		:		
	9.	Details of Irrigable Command Area (ICA) (hectare)		:		
	10.	Details of Culturable Command Area (CCA) (hectare)		:		
	11.	Total Command Area (hectare)		:		
	12.	Powerhouse Installed Capacity		:		
	a.	Type of Powerhouse: (Underground / Surface)				
	b.	Capacity (megawatts)				
	c.	No. of Tunnels				
	d.	No. of Units				
	e.	Bank of River: (Left /Right / Both)				
	13.	Generation of Electricity Annually				

	a.	Quantity of Generation of Electricity Annually (in Giga Watt Hours(GWh))					
	b.	Water availability at various percentages					
		Percentage	Water availability (Cusecs)	Dependable year	Remarks		
		At 50%					
		At 75%					
		At 90%					
	c.	Machine Availability (%)					
	d.	Cost of Electricity Generation (in INR)			:		
	e.	Internal Rate of Return (%)			:		
	f.	Year of achievement of Internal Rate of Return			:		
14	Catchment Area Treatment Plan (Upload PDF)						
15	Muck Management Plan						
	a.	Upload Muck Management Plan in PDF					
	b.	Total Excavation Muck (Cubic Meter)					
	c.	Utilized for Construction (Cubic Meter)					
	d.	No. of Muck Disposal sites					
	e.	Total Muck Disposal Area (Ha)					
16	Fishery Development and Management Plan						
	a.	Upload Fishery Development and Management Plan in PDF					
	b.	No. of Fingerlings					
	c.	No. of Fish Species					
	d.	Name of the umbrella Fish Species (Scientific Name)					
17	Status of Environmental Flow						
		Season	Average Inflow (in Million Cubic Meter)	Percent of Flow			
		Lean					
		Non-Lean					
		Monsoon					
		Non-Monsoon					
18	Free Flow Stretch(km)						
19	Approval of Central Water Commission						
	a.	Approval Reference No.					
	b.	Date of Approval					
	c.	Upload Copy of Approval (<i>Upload pdf only</i>)					
20	Approval of Central Electricity Authority						
	a.	Approval Reference No.					
	b.	Date of Approval					
	c.	Upload Copy of Approval (<i>Upload pdf only</i>)					

	21	Details of Cofferdam (upstream) if applicable				
		a.	Quantity of the material (m ³)			
		b.	Length of the dam (m)			
		c.	Quantity of muck to be used (m ³)			
		d.	Quantity of borrow material to be used (m ³)			
		e.	Decommissioning plan (upload in PDF)			
	22	Details of Cofferdam (downstream) if applicable				
		a.	Quantity of the material (m ³)			
		b.	Length of the dam (m)			
		c.	Quantity of muck to be used (m ³)			
		d.	Quantity of borrow material to be used (m ³)			
		e.	Decommissioning plan (upload in PDF)			
IV	Whether the proposal is Infrastructure projects (Yes/No)					
	If yes?					
	1	Details of Building Construction				
		a.	Maximum Height of the Building (Meters)			
		b.	Total No. of Flats to be Build			
		c.	No. of Buildings			
		d.	Total plot area (sqm)			
		e.	Total built up area (sqm)			
	2	Foreshore Facilities And/or Marine Disposal				
		a.	Whether Project Involves Foreshore Activities and/or marine Disposal (Yes/No)?			
			If Yes,			
		b.	Upload Shoreline Study (Upload pdf only)			
		c.	Type of Cargo			
		d.	Quantity of Cargo			
		e.	Control Measures of Cargo			
		f.	Dust Control Measures			
		g.	Quantum			
		h.	Quantity of Dredging (Cubic meter per day)			
		i.	Type of Dredging (Capital, Maintenance)			
		j.	Disposal of Dredge Material			
		k.	Details of Outfall Diffusers			
		m.	No. of Dilution Expected			
		n.	Distance at which the outlet will Reach Ambient Parameters			
		o.	Details of Monitoring at outfall			
		p.	Copy of NoC from PCB in case of Marine Disposal(Upload pdf only)			
	3	Rain Water Harvesting				
		a.	No. of Storage			
		b.	Capacity			
		c.	No. of Recharge Pits			
		d.	Capacity			

4	Parking				
	a.	Details of 4-Wheeler/ 2-Wheeler Parking			
5.	Energy Saving Measures				
	a.	Source/Mode			
	b.	Percentage			
	c.	Quantity			
6.	Other Details				
	a.	Details of impact on Water Bodies and Drainage patterns of catchment area, if any			
	b.	Details of Traffic Density Impact Assessment and Modelling Study(<i>Upload pdf Only</i>)			
	c.	In case of Underground Tunnel projects below the Forest Land – Subsidence Impact Study report(<i>Upload pdf Only</i>)			
7.	Type of Industries to be established with Industrial Estate as per their category A/B				
		Sl. No	Type of Industry	No. of Units	Category A/B
8.	Length of the alignment in case of highway projects				
9.	Details Bridges/ROB/Interchanges, Flyovers, Vehicle Underpass and Pedestrian Underpass (in case of Highway Projects)				
	a.	Total No. of Bridges			
	b.	Total No. of ROB			
	c.	Total No. of Interchanges			
	d.	Total No. of Flyovers			
	e.	Total No. of Vehicle Underpass			
	f.	Total No of Pedestrian Underpass			
	g.	Details of other utilities rail and road corridors			
36	Details of Court Cases if any				
	a.	Whether there is any Court Cases pending against the project and/or land in which the project is proposed to be set up (Yes/No)?			
		If Yes,			
	b.	Name of the Court (Districts Court / High Court / NGT / Tribunals / Supreme Court of India)			
		<i>If name of Court: (Districts Court, High Court, NGT, Tribunals)</i>			
	c.	Name of the Sub-court			
	d.	Case No.			
	e.	Orders/Directions of the court,if any and its relevance with the proposed project			
	f.	Case Details			
	g.	Upload Court Order if any (<i>Upload pdf Only</i>)			
37	Details of direction issued under Environment (Protection) Act / Air (Prevention & Control of Pollution) Act / Water (Prevention & Control of Pollution) Act				
	a.	Whether any direction issued under Environment (Protection) Act/Air (Prevention & Control of Pollution) Act/Water (Prevention & Control of Pollution) Act(Yes/No)?			
		If yes,			
	b.	Details of directions issued under Environment (Protection) Act/Air (Prevention & Control of Pollution) Act/Water (Prevention & Control of			

		Pollution) Act		
	c.	Upload copy of directions issued under Environment (Protection) Act/Air (Prevention & Control of Pollution)) Act/Water (Prevention & Control of Pollution) Act		
	d.	Compliance status of the directions		
38	Details of EIA Consultant			
	a.	Have you hired Consultant for preparing document(Yes/No)?	:	
		If No,		
		(i) Reason for not engaging the Consultant	:	
		If Yes,		
		(i) Accreditation No.	:	
		(ii) Name of the EIA Consultant	:	
		(iii) Address		
		(iv) Mobile No.	:	
		(v) Landline No.	:	
		(vi) E-mail Id	:	
		(vii) Category of Accreditation (Eligible for Category A / Eligible for Category B)	:	
		(viii) Sector of Accreditation	:	
		(ix) Validity of Accreditation	:	
		(x) Upload Certificate of Accreditation certified by QCI/NABET (<i>Upload pdf Only</i>)	:	
39	Documents to be attached			
I	<i>If Project Type is New / Expansion / Modernization / one-time capacity expansion for coal mining:</i>			
	a.	Upload Copy of EIA/EMP Report		
	b.	Upload Copy of Risk Assessment Report		
	c.	Upload Copy of Feasibility Report/ Detailed Project Report(DPR) /Detailed Engineering Report /Detailed Conceptual Plan / Approved Mining Plan (in case of Mining proposals) (<i>Upload pdf only</i>)		
	d.	Upload Copy of Final Layout Plan (<i>Upload pdf only</i>)		
	e.	Upload Cover Letter(<i>Upload pdf only and attach it as Annexure-document of Cover letter</i>)		
	f.	Upload a copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency (<i>Upload pdf only and attach it as Annexure-authorization</i>)		
	g.	Upload copy of District Survey Report (for mining of minor minerals only)		
		Upload copy of Replenishment Study Report & Baseline Survey data (for river sand mining proposals only)		
	g.	Upload Additional File, if any (<i>Upload pdf only</i>)		
II	<i>If Project Type is other than New / Expansion / Modernization / one-time capacity expansion for coal mining: -</i>			
	a.	Upload Copy of Feasibility Report/ Detailed Project Report(DPR) /Detailed Engineering Report /Detailed Conceptual Plan (<i>Upload pdf only</i>)		
	b.	Upload Copy of Final Layout Plan (<i>Upload pdf only</i>)		
	c.	Upload Cover Letter(<i>Upload pdf only and attach it as Annexure-document of Cover letter</i>)		
	d.	Upload a copy of documents in support of the competence/authority of the person making this application to make application on behalf of the		

		User Agency(<i>Upload pdf only and attach it as Annexure-authorization</i>)		
	e.	Upload Additional File, if any(<i>Upload pdf only</i>)		
	f.	Upload Updated Form1(<i>Upload pdf only</i>)		
40	Undertaking			
	a.	I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage,the project will be rejected and clearance given,if any to the project will be revoked at our risk and cost. In addition to above,I hereby give undertaking that no activity / construction / expansion has since been taken up		
	b.	Name	:	
	c.	Designation	:	
	d.	Company	:	
	e.	Address	:	

Annexure-II

The proposal is for amendment in the **Terms of Reference/Environmental Clearance** granted by the Ministry vide letter dated.....for the project.....located at.....in favour 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.				

List of the Chairman and Members of the Expert Appraisal Committee (EAC) for Industry-2.

Sr. No.	Name and Address	
1.	<u>Dr. J. P. Gupta</u> A- 1/2 Panchsheel Enclave, New Delhi- 110070 E-mail: jpglobalconsultinggroup@gmail.com	Chairman
2.	<u>Sh. R. K. Singh</u> 301, Tulsi Meadows Building, St. Anthony's Road, Near Uttam Society, Chembur, Mumbai-400071, Maharashtra E-mail: rk Singh7854@gmail.com	Member
3.	<u>Dr. Ahmed Kamal</u> 8-2-619, Road no.11, Banjara Hills, Hyderabad 500034. E-mail: ahmedkamal@iict.res.in	Member
4.	<u>Prof. J.R. Mudakavi</u> 1128, Adarsha Layout, West of Chord Road, III Stage, I Block, Basaveshwar Nagar, Bangalore- 560079 E-mail: mudakavijr@gmail.com	Member
5.	<u>Dr. Ajay Gairola</u> 123 Thomsan Marg IIT, Roorkee campus E-mail: garryfce@iitr.ernet.in	Member
6.	<u>Dr. N. Nandini</u> Reader Quarters 7, Jnanabharthi campus, Bangalore University E-mail: nandini.sai@rediffmail.com	Member
7.	<u>Prof. (Dr.) H.R. V Reddy</u> Director of Research, Karnataka Veterinary Animal & Fisheries Sciences University, College of Fisheries Campus, Kankanady, Mangalore- 575002 E-mail: hvrreddy@yahoo.co.in , drkvafsu@gmail.com	Member
8.	<u>Dr. Shashank Shekhar</u> Room No.121, Department of Geology, University of Delhi-110007 E-mail: shashankshekhar01@gmail.com	Member
9.	<u>Ms. Saloni Goel</u> B-701, CSI Towers, VipinKhand, Gomti Nagar, Lucknow-226010 E-mail: sgoel.eac@gmail.com	Member
10.	<u>Shri Suhas Ramchandra Pharande</u> Ajinkyatara, Kala Nagar, Gangapur Road, Nashik- 422002 E-mail: s_pharande@yahoo.com	Member
11.	<u>Shri G. C. Pati</u> Member (TT&WQ) Central Ground Water Board, BhujalBhawa, NH-IV, Faridabad-121001 E-mail: gcpati-cgwb@nic.in	Member
12.	<u>Shri Sanjay Bist</u> Scientist- D Indian Meteorological Department, Mausam Bhawan, Lodhi Road, New Delhi- 110003 E-mail: sanjay.bist@imd.gov.in	Member
13.	<u>Sh. Paritosh Kumar</u> Additional Director, Central Pollution Control Board, New Delhi Email: 45pkumar@gmail.com	Member
14.	<u>Prof. (Dr.) Y.V. Rami Reddy</u> Dept.of Chemistry, S V University, Tirupati Andhra Pradesh E-mail: dryvrsvu@gmail.com	Member
15.	<u>Shri S.K. Srivastava</u> Room No.V302, Vayu Wing, 3 rd Floor, MoEF&CC, Joar Bagh Road, New Delhi-110003 E-mail: sk.smree66@nic.in Tele: 01124695391	Member Secretary

