



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Andhra Pradesh)

To,

The Sr. Manager - Environment

M/s Vedanta Limited(Division Cairn Oil & Gas)

Cairn Oil & Gas, Vedanta Limited, DLF Atria, DLF Phase-2, DLF City,  
Gurgaon, Haryana - 122002 Cairn Oil & Gas, Vedanta Limited, DLF Atria,  
DLF Phase-2, DLF City, Gurgaon, Haryana - 122002 -122002

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/AP/IND2/198643/2021 dated 07 Apr 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. EC Identification No.                      | EC21B002AP145759   |
| 2. File No.                                   | AP EG MIN 4 2021 3163  |
| 3. Project Type                               | New  |
| 4. Category                                   | B2   |
| 5. Project/Activity including<br>Schedule No. | 1(b) Offshore and onshore oil and gas<br>exploration, development & production   |
| 6. Name of Project                            | Offshore Oil & Gas Exploration and<br>Appraisal in KG-OSHP-2017/1 block in<br>Bay of Bengal, East Godavari District,<br>Andhra Pradesh |
| 7. Name of Company/Organization               | M/s Vedanta Limited(Division Cairn Oil &<br>Gas)   |
| 8. Location of Project                        | Andhra Pradesh   |
| 9. TOR Date                                   | N/A  |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 22/11/2021

(e-signed)  
DR. P.V.CHALAPATHI RAO  
Member Secretary  
SEIAA - (Andhra Pradesh)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH.Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*

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**State Level Environment Impact Assessment Authority (SEIAA)**

**Andhra Pradesh**

**Ministry of Environment, Forests & Climate Change**

**Government of India**

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamavari Street, Kasturibaipet, Vijayawad-520010

REGD.POST WITH ACK.DUE

**Order No. SEIAA/AP/IND/EG/4/2021/3163/168.19/165.23**

**Sub: SEIAA, A.P. – Proposed Offshore Oil & Gas Exploration and Appraisal in KG-OSHP-2017/1 Block in Bay of Bengal, by M/s. Vedanta Limited (Division Cairn Oil & Gas), at East Godavari District, Andhra Pradesh - Environmental Clearance – Issued - Reg.**

- I. This has reference to your EC application submitted through online on 07.04.2021 (SIA/AP/IND2/198643/2021), seeking Environmental Clearance for **Offshore Oil & Gas Exploration and Appraisal in KG-OSHP-2017/1 Block in Bay of Bengal at East Godavari District, Andhra Pradesh** in favour of **M/s. Vedanta Limited (Division Cairn Oil & Gas)**. The nearest human habitation viz., Kakinada (V) exists at a distance of about 50 Km from the premises. The total area is 13.175 Acres (existing: 5.01 Acres + additional land area: 8.16 Acres). The capital cost of the project for expansion is Rs.1.5 Crores. The details of the project is as follows:

**Offshore Oil & Gas Exploration and Appraisal of 51 Wells in FG Basin (hydrocarbon block KG- OSHP- 2017/1 block) in Bay of Bengal, East Godavari District, Andhra Pradesh**

This proposal has been referred to SEAC, A.P along with all the documents submitted by the proponent for their appraisal and for their specific recommendations on EC aspect. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meetings held on **22.10.2021 to 24.10.2021**. The Proposal of **M/s. Vedanta Limited (Division Cairn Oil & Gas)**, is for Environmental Clearance for production quantities for the Proposed Offshore Oil & Gas Exploration and Appraisal in KG-OSHP-2017/1 Block in Bay of Bengal. The representative of the project proponent and their Consultant M/s. ABC Techno Labs Private Limited have attended the online meeting. The project falls under Item No. 1(b) of the schedule of the EIA Notification, 2006: Off-shore and Onshore oil and gas exploration, development and production. The committee noted that M/s. Vedanta Ltd. (Division: Cairn Oil & Gas), formerly known as Cairn India Ltd., has been allocated the hydrocarbon block KG- OSHP- 2017/1 block, East Godavari district, Andhra Pradesh under the OALP (Open Acreage Licensing Policy) by MoP&NG, Govt. of India. RSC (Revenue Sharing Contract) has been signed between Vedanta Ltd. and MoP&NG on 1st October, 2018 for the exploration and exploitation of hydrocarbons. Vedanta Ltd. (Division: Cairn Oil & Gas) proposes to carry out drilling of 51 exploratory and appraisal wells and well testing of oil and gas in the block. Block encloses an area of 177 sq. Km. In case of a discovery (ies), the exploratory and appraisal well drilling of oil and gas in the block for extended duration by flowing hydrocarbons to ascertain the reservoir parameters

and assess the quality and commercial viability. The exploratory and appraisal wells will be drilled to explore the reservoirs up to a depth of 2000 to 4000 m (Approx.). As a part of Obtaining Environmental Clearance for the proposed project, the application (Form- 1 & PFR) was submitted to MoEF&CC and recommended with standard Terms of Reference (ToR) vide No.IA- J- 11011/91/2019- IA- II(I) dated 18th April, 2019. The EIA report is prepared adhering to all the conditions of ToR issued by MoEF&CC, New Delhi. However, as per the MoEF&CC vide notification dated 16th January 2020 categorizes onshore and offshore oil and gas exploration activities as B2 category for seeking prior Environmental Clearance (EC) from state. Thus, project proponent (Vedanta Limited) will submit the necessary forms/applications along with this EIA report to Andhra Pradesh State Environmental Impact Assessment Authority (APSEIAA). The project proponent submitted the application through online on 07.04.2021 and requested for EC. As per MoEF&CC Notification S.O.No.236(E) dated 16.01.2020, *All project in respect of off-shore and onshore oil and gas exploration are categorized as 'B2' projects*"

The committee further noted that APCZMA issued NOC under CRZ notification vide Lr No.236/CRZ/IND/2020, Dated 01.02.2021. The Committee after examining the project proposals, presentations, APCZMA recommendations, MoEF & C' Notifications & OMs and detailed deliberations, **recommended for issue of Environmental Clearance and CRZ Clearance** for the proposed project to carry out drilling of 51 exploratory and appraisal wells and well testing of oil and gas in the block. Block encloses an area of 177 sq. Km in KG-OSHP-2017/1 Block in Bay of Bengal and to follow the CRZ provisions while carry out drilling of exploratory and appraisal wells in the sea. The committee in the appraisal report clearly stated that they have approved the Form-I/II, PFR/DPR and EMP for compliance by the proponent. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on **02.11.2021** examined the proposal and the recommendations of SEAC and decided to accept SEAC recommendations aforesaid for strict compliance by the proponent and to issue EC. The project proponent shall comply with the Bio-medical Waste Management Rules, 2016 and its amendments. The SEIAA, A.P **hereby accords Environmental Clearance to the project** as mentioned at Para No. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

### III.a **Part A: Special Conditions:**

1. The proposal shall not attract the following Acts & Rules:
  - a. Forest Act 1980,
  - b. Wild life (Protection) Act,1972;
  - c. The Eco sensitive areas as notified under Environment (Protection) Act,1986;
  - d. Critically polluted areas as notified by CPCBand also shall not harm live stocks and human beings and disturb their activities.
2. The project proponent shall comply with the Bio-medical Waste Management Rules, 2016 and its amendments

### **Part B: Specific Conditions:**

#### **Air & Noise Environment:**

1. The emissions from the Husk fired boiler of capacity 1 x 3.0 TPH (Existing) & 1 x 3.0 TPH (Proposed) shall be routed through cyclones separator followed by bag filters with the stack

type and height fixed in consultation with the APPCB. Adequate stack height shall be provided for D.G. Sets 1 x 2000 KVA as per CPCB norms.

2. The process emissions containing the HBr, HCl, NH<sub>3</sub>, HF, H<sub>2</sub>S and Mercaptans shall be routed through two stages scrubber system. The packing media in the scrubber is 25 mm poly propylene rings. Scrubbed liquid shall be treated and reused or subjected to MEE.
3. Strict measures shall be taken to control odour with appropriate odour abatement methods. Sub coolers for brine circulation shall be installed to reduce solvent evaporation losses into the atmosphere. All the solvent storage tanks shall be connected to vent condensers with chilled water circulation to minimize the solvent loss. The proponent shall install VOC meter in the plant to monitor.
4. The solvents shall be recovered by installing fractional distillation columns. The recovered solvents shall be reused in the process or sold to recyclers authorized by APPCB. The volatile vapours generated during process shall be routed through condensers and the condensate shall be reused in the plant.
5. The area of the greenbelt shall not be less than 33% of the total area of the site. Greenbelt with tall growing trees shall be developed along the boundary of the site.
6. Fugitive emissions from storage tanks shall be avoided by providing air condensers.
7. The proponent should provide appropriate PPE to the persons working in the unit and suitable to their work place environment.
8. The proponent shall establish adequate number of air monitoring stations, including one online station, in consultation with the APPCB and take appropriate measures to ensure that the GLC shall comply with the NAAQM norms notified by MoEF&CC, GoI on 16.11.2009.
9. Measures shall be taken to comply with the provisions made under "Noise pollution (Regulation and control) Amendment Rules 2010 dated 11-01-2010 issued by MoEF.
10. The industry shall comply with the conditions stipulated under the CRZ NOC granted by APCZMA vide letter No. 236/CRZ/IND/2020 Dtd. 01.02.2021.
11. The Schedule for commencement by the drilling operation should be intimated at least one month in advance to the Wildlife Warden having jurisdiction over the nearest coastal area so as to enable him to monitor its impact, if any, on the wild life.
12. Approval from DG Shipping under the Merchant Shipping Act prior to commencement of the drilling operations should be obtained. The exact location should be intimated to the Director General of Shipping, Mumbai and the company should abide by any direction he may issue regarding ensuring the safety of navigation in the area.
13. The industry shall comply with MoEF&CC Guidelines for Disposal of Drill Cuttings and Drilling Fluid for Offshore Installation notified as per GSR 546 (E) dated 30th August 2005.
14. The Company should monitor the marine environment/ ecology including petroleum hydro

carbons and heavy metal concentrations in the marine fish species regularly during drilling campaign and submit report to the authorities.

15. In case the commercial viability of the project is established, the company will prepare a detailed plan for development of oil and gas fields in the block and obtain fresh environmental clearance for development and production.
16. Adequate infrastructural facilities/ equipment arrangement should be provided, so that booms, skimmers and chemical dispersants could be deployed immediately in case of oil spill from the installations/ drilling activities.
17. The project proponent shall also comply with the environmental protection measures and safeguards recommended in the EIA/EMP report.
18. The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
19. No pipelines or its part shall be laid in the Forest land/protected Area without prior permission/approval from the competent Authority.
20. As proposed by the project proponent, zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land. Mobile ETP along with RO shall be installed to treat the waste water.
21. During production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.
22. The project proponent also to ensure trapping/storing of the CO<sub>2</sub> generated, if any, during the process and handling.
23. Approach road shall be made pucca to minimize generation of suspended dust.
24. The project proponent shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with adequate stack height as per CPCB guidelines.
25. The company shall construct the garland drain to prevent runoff of any oil containing waste into the nearby water bodies. Separation drainage system shall be created for oil contaminated and non- oil contaminated.
26. Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants and disposed according to HWMH Rules, 2016. No effluent/drilling mud shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30<sup>th</sup> August, 2005.
27. Oil spillage prevention and migration scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.

28. The project proponents shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At fixed installations or plants use of ground flare shall be explored, at the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.
29. The project proponent shall develop a contingency plan for H<sub>2</sub>S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H<sub>2</sub>S detectors in locations of high risk of exposure along with self-containing breathing apparatus.
30. Blow out Preventer system shall be installed to prevent well blowouts during drilling operations.
31. On completion of the project, necessary measures shall be taken for safe plugging of wells with secured enclosures to restore the drilling site to the original condition. The same shall be confirmed by the concerned regulatory authority from environment viable, a full abandonment plan shall be implemented for the drilling site in accordance with the applicable DGH/Indian Petroleum Regulations.
32. As per the ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall be completed within time as proposed.
33. No lead acid batteries shall be utilized in the project/site.
34. Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules. All workers & employees shall be provided with required safety kits/ mask for personal protection.
35. Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's Regional Office.
36. The project proponent shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/ project site. Awareness shall be crested at each level of the management. All the schedules and results of environmental monitoring of the site should be done.

### **Water Environment:**

37. The total water requirement shall not exceed Process/mud preparation - 1300 m<sup>3</sup>/well (Water Based Mud (WBM)-1000 m<sup>3</sup>/well & Synthetic Based Mud (SBM) – 300 m<sup>3</sup>/well), Drilling water consumption and miscellaneous use – 50 m<sup>3</sup>/day, Domestic use – 30 m<sup>3</sup>/day.

### **Waste water generation:**

38. The total waste water generation is Drilling fluids, bilge water and sewage shall be treated and discharged to the marine outfall adjacent to the rig after meeting the discharge norms specified in the EPA Rules / MARPOL. It is expected around 275 m<sup>3</sup> /day of wastewater should be generated per day, which should be treated and discharged to marine after meeting the prescribed standards.
39. Mobile ETP coupled with RO shall be installed to reuse the treated water in drilling system. Size of the waste shall be equal to the hole volume= volume of drill cutting and volume of discarded mud if any. Two feet board may be left to accommodate rain water. There shall be separate storm water channel and rain water shall not be allowed to mix with waste water. Alternatively, if possible pit less drilling be practiced instead of above.
40. Zero discharge concepts shall be adopted. High COD & Low TDS shall be sent to incinerator, Low COD & Low TDS shall be sent to conventional ETP and the Low COD & High TDS effluents are routed through Stripper with scrubber followed by MEE and rejects of MEE shall be sent to ATFD. The condensate of the MEE shall be sent to RO. The permeate from the RO plant shall be re-used in the plant and rejects to MEE. The domestic waste water shall be disposed into the septic tank followed by soak pit.

### **Hazardous / Solid Wastes:**

41. Hazardous waste generated from the industry such as organic residue, salts, spent solvents waste oils, used oils etc., shall be disposed as per the Hazardous and other Wastes (Management and Transboundary movement) Rules, 2016 and its amendments thereof
42. The Non-Hazardous / Solid waste and disposal: Residual drilling mud, sludge and other drilling waste, mainly WBM and WBM drill cutting - 750 Tons/ well shall be sent to water-based mud (WBM) drill cuttings and leftover WBM shall be intermittently disposed offshore at a rate of 50 barrel/hour/well; Food waste - 30 Kg/day shall be macerated to less than 25 mm size and discharged offshore, as per the requirements of MARPOL Convention; Metal and Non-Metal Scrap - 2 Tons/ well Recyclers on periodic basis.  
Non-Hazardous Waste:  
Drill cuttings associated with SBM - 1500 Tons /well shall be Oil content in SBM drill cuttings will be treated to meet <10 g/kg and thereafter will be disposed at a rate of 50 barrel/hour/well. SBM will be collected for re- use in next drilling operation; Used Lubricating oil - 2 Tons / well shall be disposal to authorized recyclers; Wastes or residues containing oil - 100 Kg / well shall be disposal to authorized TSDF facility.
43. The proponent should strictly comply with the E-Waste Management Rules, 2016, and report compliance.

### **Environment:**

1. The Project Proponent shall ensure that the transportation activity of the unit should not cause any inconvenience to the public and comply with the local norms, if any;
2. The project shall implement the commitments, if any, made in the public hearing;

### **Part C: General Conditions:**

1. **This order is valid for 7 years.**
2. No further expansion, increase in production; or change in product mix or technologies/land use shall be made without prior approval of the SEIAA
3. The project proponent shall submit the copies of the **Environmental Clearance** to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
4. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, A.P.
5. The **Prior Environmental Clearance** issued to this project along with the Approved Environmental Management Plan (EMP) and the Approved DPR should be uploaded in the project's web site and be made available in the public domain.
6. The PEC main contents be displayed on permanent boards at the main entry of the premises and at other prominent places.
7. The project proponent shall strictly adhere to its **Environmental Policy** approved by the SEIAA, and shall be made available in their web site.
8. A separate "**Environmental Management Unit**" (With a laboratory) shall be set up with all monitoring facilities.
9. A Separate Bank account need to be started for the budget allocated for the EMP and the amount committed should be deposited before the project obtains CFE/CFO as the case may be. The amounts allocated should not be diverted for any other purpose.
10. The funds earmarked for environmental protection measures (**Capital cost Rs. 129 Crores & Recurring cost of Rs.129 Crores/Annum**) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Vijayawada.
11. The proponent before starting the operations, shall obtain all other mandatory clearances from respective departments, including the CFE and CFO from the APPCB.
12. The project proponent shall meticulously follow the **Form-1/2** of the application; and approved **EMP, for the purpose of all compliances.**
13. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological



data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

14. Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.
15. Personnel working in the industry should be provided with protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
16. Occupational health check up program for the workers should be undertaken periodically. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The project proponent shall submit *Half-yearly* reports on the status of compliance of the stipulated *Environmental Clearance Conditions* including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment & Forests, its Regional Office, Vijayawada, SEIAA, A.P., Zonal Office of Central Pollution Control Board, Bangalore, and A.P. Pollution Control Board.
18. The proponent shall upload the status of compliance of the environmental clearance conditions including results of monitored data on their websites and shall update the same periodically.
19. Officials from the Regional Office of MoEF&CC, Vijayawada / The SEIAA, Andhra Pradesh through the Regional Offices of Andhra Pradesh Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoEF&CC, Vijayawada.
20. SEIAA reserves the right to cancel the EC issued at any time, if EC has been obtained by the proponent through suppression of any information or furnishing false information upon which the project is appraised.
21. Concealing the factual data in the compliance reports, or failure to comply with any conditions mentioned above may result in withdrawal of the EC and attract action under the provisions of Environment (Protection) Act, 1986.
22. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further conditions from time to time, in the interest of environment protection.
23. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green

Tribunal Act, 2010.

24. The project authority must strictly adhere to the stipulations made by the Central Government as part of the international conventions and Merchant Shipping Act.
25. The project authorities must strictly adhere to the stipulations made by the APCZMA.
26. No further expansion or modifications in the plant should be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference should be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required if any
27. The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended on 3<sup>rd</sup> October 1994. Prior approvals from OISD, PESO, etc. should be obtained wherever applicable.
28. The project authorities must comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous and Other Wastes (Management, Handling and Transboundary) Rules, 2016 wherever applicable.
29. The overall noise levels in and around the rig area should be kept well within the standards (85 dB(A)) by providing noise control measures including acoustic hoods, silencers, enclosures etc on all sources of noise generation.
30. A separate environment management cell to be set up to carry out the environment management & monitoring functions.
31. The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA as well as the APCZMA, State Government along with the implementation schedule for all the conditions stipulated herein.
32. The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's regional office, State Pollution Control Board and Central Pollution Control board. A six-monthly compliance status report should be submitted to the monitoring agencies.
33. The project proponent should inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the MOEFCC. This should be advertised in at least two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.

34. i. No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendment, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate change/ SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- ii. The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- iii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- iv. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- v. The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and climate change as well as the state Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall be diverted for any other purpose.
- vi. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-5 as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- vii. This environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

35. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the public liability Insurance Act, 1991 read with subsequent amendments therein.

<b>Sd/-</b> <b>MEMBER SECRETARY,</b> <b>SEIAA, A.P.</b>	<b>Sd/-</b> <b>MEMBER,</b> <b>SEIAA, A.P.</b>	<b>Sd/-</b> <b>CHAIRMAN,</b> <b>SEIAA, A.P.</b>
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To  
M/s. Vedanta Limited (Division Caim Oil & Gas),  
Mr. Dilip Kumar Bera, Sr. Manaer,  
4th Floor, Vipul Plaza, Suncity Sector 54,  
Gurgaon, Haryana – 122002.

**Copy to:**

1. The Chairman, SEAC, A.P. for kind information.
2. The Member Secretary, APPCB for kind information.
3. The EE, RO: Kakinada, APPCB for information.
4. The Regional Officer, MoEF&CC, GOI, Vijayawada for kind information.
5. The Secretary, MoEF&CC, GOI New Delhi for kind information.
6. Monitoring cell, MoEF&CC, GOI, New Delhi for kind information.
7. The District Collector, East Godavari District, Andhra Pradesh for kind information.

