



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

To,

The CHIEF GENERAL MANAGER HSE&Admin
 OIL INDIA LIMITED KGB

Oil India Limited Bay Exploration Project (BEP)
 3rd Floor IDCO Tower, Janpath, Bhubaneswar, Khordha (District) Odisha
 -751007 -751007

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/KL/IND2/215978/2021 dated 08 Oct 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B002KL193824
2. File No.	2020/EC2/2022/SEIAA
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	1(b) Offshore and onshore oil and gas exploration, development & production
6. Name of Project	Offshore Oil and Gas Exploration, Development and Production in Oil and Gas Exploratory Block : KK-OSHP-2018/1
7. Name of Company/Organization	OIL INDIA LIMITED KGB
8. Location of Project	Kerala
9. TOR Date	N/A

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

Date: 21/02/2023

(e-signed)
Dr. Venu V IAS
Member Secretary
SEIAA - (Kerala)

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.

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and Virtuous Environmental Single-Window Hub)*





**PROCEEDINGS OF THE
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY – KERALA, THIRUVANANTHAPURAM**

*(Present : Dr.H.Nagesh Prabhu IFS (Retd), Chairman, Shri.K.Krishna Panicker,
Member, Dr.V.Venu IAS, Member Secretary)*

**Sub: SEIAA - Environmental Clearance for Offshore Oil and Gas Exploration,
Development and Production for the Block KK-OSHP-2018/1 of Oil India
Limited - Granted – Orders issued.**

State Level Environment Impact Assessment Authority, Kerala

Proposal No. SIA/KL/IND2/215978/2021

File No. 2020/EC2/2022/SEIAA

- Ref:** 1. Application from Sri. B N Sahoo, Chief General Manager, HSE& Admin received on 08.10.2021.
2. Minutes of the 134th SEAC meeting held on 09th to 11th November, 2022.
3. Minutes of the 121st SEIAA meeting held on 29th & 30th December 2022.
4. G.O(Rt.) No.29/2019/Env't dt.12.04.2019.

ENVIRONMENTAL CLEARANCE NO. 37/2023

Sri. B N Sahoo, Chief General Manager, HSE& Admin, 11-7-4 Third Floor, Nooklamma Temple Street, Ramaraopet, Khordha, Orissa-751007 submitted an application for Environmental Clearance via PARIVESH on 08.10.2021 for the Offshore Oil and Gas Exploration, Development and Production for the Block KK-OSHP-2018/1, for an Entire Block Area of 3519.69km² lies in Arabian Sea of the West Coast of Kerala, Kollam Taluk, Kollam, Kerala. The project details are as follows:

SL.No.	Particulars	Details
1	Name of the Project	Offshore Oil and Gas Exploration, Development and Production.
2	Proposed Activity	Offshore and onshore oil and gas exploration, development & production
3	Name of the Sector & Schedule No. (in the EIA Notification, 2006)	Non Coal Mining, Activity 1(b), Category B2
4	Name & Address of the Project Proponent	Sri. B N Sahoo, Chief General Manager, HSE& Admin, 11-7-4 third floor, Nooklamma Temple Street, Ramaraopet, Khordha, Orissa-751007
5	Project Location	
	a) Taluk	Kollam
	b) District	Kollam
6	Geo- coordinates (Latitude & Longitude)	76° 10' E and 76° 10' E (as per records) 9° 10' N and 9° 30' N
7	Maximum Operating depth	Drilling Depth – 3700 m, Water Depth 5m to 15m
8	Extent	Entire Block Area of 3519.69km ²
9	Project Cost	303.04 Cr
10	Power Fuel Consumption	3 to 6 Diesel Generator of total 5000 HP/3750KW (4 DG sets for working during operation and standby 2 DG sets) 6 to 9 KL/Day
11	Water Source	61 KLD On-board desalination plant and from nearby town through supply vessels
12	Transportation	Through supply vessel, and helicopter to and from the drilling rig.

2. In the 134th SEAC meeting, the Committee examined the proposal and verified the documents submitted by the proponent and found them satisfactory. However,

the letter from KCZMA regarding applicability/non- applicability of CRZ has not been received from the Project Proponent. The Committee decided to recommend issuance of EC subject to certain Specific Conditions in addition to the General Conditions.

3. In the 121st SEIAA meeting, the Authority decided to issue Environmental Clearance for the period of 10 years (As per OM No.1807(E) dated 13-12 2022) for the Offshore Oil and Gas Exploration, Development and Production of Oil and Gas, subject to the following Specific Conditions in addition to the General Conditions.

1. All the marine related regulations should be strictly complied with.
2. Marine biodiversity status of the area should be recorded prior to the commencement of drilling and measures for safeguarding the marine biodiversity should be adopted.
3. The adverse impact on the livelihood of the fishing community, if any, should be monitored and mitigated appropriately.
4. Appropriate safeguards for preventing disturbance to benthic habitat should be adopted prior to the commencement of drilling.
5. Spots of operation should be away from the marine mammal migration and feeding and breeding grounds.
6. Drilling activity should not be planned during the spawning periods of corals and ecologically and economically important species.
7. The water quality of the project site may get affected due to accidental spillage of chemicals/oil/lubricants from the routine operational activities. Therefore, usage of only low toxicity chemicals should be ensured on board of the rig and transportation vessels.
8. Drilling, wash water and oily water should be treated to conform to limits notified as per MARPOL Regulations, before disposal into sea. The treated effluent should be monitored regularly.
9. The oil spill emergency response system should be strengthened with shorter response time especially during the spawning season.
10. The layout of the subsea infrastructure should be designed to avoid sea bed features.
11. Noise is likely to be generated during the operation phase due to the operation of rigs, generators, etc and rubber padding/noise isolators should be provided for equipment/machineries.

12. CER as per norms should be extended for benefitting the fishing community and details should be submitted with HYCR.
13. Project Proponent shall take all necessary clearances from all regulatory authorities related to this project before commencing the work.
14. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

4. Environmental Clearance as per the EIA Notification, 2006 is hereby accorded for the Offshore Oil and Gas Exploration, Development and Production of Oil and Gas for an Entire Block Area of 3519.69km² in Kollam Taluk, Kollam, Kerala to Sri. B N Sahoo, Chief General Manager, HSE& Admin, 11-7-4 third floor, Nooklamma Temple Street, Ramaraopet, Khordha, Orissa-751007, for the period of Ten (10) years, subject to the Specific Conditions in Para 3 above, and all the environmental impact mitigation and management measures undertaken by the Project Proponent in the Form I, EMP and PFR submitted to SEIAA. The assurances and clarifications given by the Project Proponent will be deemed to be a part of this Proceeding as if incorporated herein. Also the General Conditions for projects, mentioned below will be applicable and have to be strictly adhered to.

5. The Environmental Clearance issued will also be subject to full and effective implementation of all the undertakings given in the Application Form, mitigation measures as assured in the Environment Management Plan and all the norms pertaining to the exploration, Development and Production for the Offshore Oil & Natural Gas.

6. Validity of the Environmental Clearance will be for the period of **Ten (10) years** subject to earlier review of EC in case of violation or non- compliance of conditions.

7. Compliance with the conditions herein will be monitored by the State Environment Impact Assessment Authority or its authorised offices and also by the Regional Office of the Ministry of Environment, Forest & Climate Change, Govt. of India, Bangalore. Necessary assistance for entry and inspection should be provided by the Project Proponent and those who are engaged or entrusted by him to the staff for inspection or monitoring. Instances of violation if any shall be reported to the **concerned authority**.

8. The Half Yearly Compliance Report (HYCRs) with its contents covering letter, compliance report and environmental monitoring data have to be uploaded in the PARIVESH portal as per the OM F No.IA3-22/1/2022-IA-III(E) – 17264 dated 14.06.2022 and the website of the Project Proponent. Hardcopy of HYCR shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is Sri. B N Sahoo, Chief General Manager, HSE& Admin, 11-7-4 third floor, Nooklamma Temple Street, Ramaraopet, Khordha, Orissa-751007.

GENERAL CONDITIONS

1. The Project Proponent should provide notarized affidavit indicating the number and date of Environmental Clearance that all the conditions stipulated in the EC shall be scrupulously followed and all the recommendations made in the EMP in respect of Environmental Management and risk mitigation measures relating to the project shall be implemented.
2. The project proponent should advertise in newspapers that the project has been accorded Environmental Clearance and copies of clearance letters are available in the Office of State Environment Impact Assessment Authority (SEIAA) and on the website of the Authority at www.seiaakerala.in. The advertisement should be in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language. The advertisement should be made within 10 days from the date of receipt of the Environmental Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
3. The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/Corporation/Urban Local Body and also to the District authorities and coast guard/ Navy. The Environmental Clearance shall also be uploaded on the website of the company.
4. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities. Copies of statutory clearance obtained shall be enclosed along with first half yearly compliance report.
5. The conditions specified in the EIA notifications 2006 and subsequent amendments, the specific directions given by SEIAA/SEAC should be followed under corporate

Environment Responsibility. The activities carried out under CER should be listed with details in Half yearly compliance report along with Status of Implementation and certificates from the beneficiaries and photographs.

6. Safety measures should be implemented as per the Fire and Safety Regulations/SDMA guidelines.
7. The environmental safeguards contained in the EMP should be implemented in letter and spirit and status of implementation of each one should be included in the half yearly compliance Report.
8. Environment Monitoring Committee should be formed and made functional. Environmental Monitoring Committee with defined functions and responsibility should foresee post operational environmental problems and action taken to solve these immediately with mitigation measures.
9. The project shall incorporate devices for solar energy generation and utilization to the maximum possible extent with the possibility of contributing the same to the power grid and consumption in future.
10. The proponent shall submit half yearly compliance reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the same on their website and shall update the same periodically. The compliance report shall be simultaneously sent to the Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India at Bengaluru and also to SEIAA.
11. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time.
12. The proponent shall co-operate with and provide facilities and documents/data to the Agencies including the Officials from the Regional of Ministry of Environment, Forests and Climate Change, Bengaluru during their inspection as part of monitoring the implementation of environmental safeguards.
13. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
14. In case of transfer of EC, the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.
15. Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India

in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

16. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the Environment Clearance under the provisions of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
17. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal 1, if preferred, within a period of 30 days as prescribed under section 11 of the National Green Tribunal Act, 1997.
18. A First Aid facility shall be provided at the project site both during construction and operation phases of the project.
19. The drill out materials and other hazardous materials must not be allowed to contaminate Ocean water.
20. Any hazardous waste generated should be disposed off to authorised/approved Waste Collectors as per applicable rules and norms with necessary approval.
21. The diesel generator sets used should be of low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards. DG sets shall be installed and made functional as per existing guidelines.
22. Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project, If required.
23. On completion of the project necessary measures shall be taken to safe plugging of wells with secured enclosures to restore the drilling site to the original condition. In case of Hydrocarbon not found economically viable a fall abandonment plan shall be implemented for the drilling site in accordance with the applicable DGH/ Indian Petroleum Regulations.
24. Occupational Health Surveillance of the workers shall be carried out as per the prevailing acts & Rules. All workers & Employees shall be provided with required safety kits/ masks for personal protection.

Sd/
Administrator, SEIAA
For Member Secretary, SEIAA

To,

Sri. B N Sahoo
Chief General Manager, HSE& Admin
11-7-4 third floor
Nooklamma Temple Street
Ramaraopet, Khordha
Orissa-751007.

Copy to,

1. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala
3. The Director, Directorate of Environment & Climate Change, 4thFloor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector, Kollam.
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Kollam.
8. The Tahsildhar, Kollam Taluk, Kollam District
9. The Chairman, SEIAA.
10. Website.
11. S/f
12. O/c