

Minutes of the 4th meeting of the State Level Expert Appraisal Committee (SEAC), Andaman and Nicobar held on 14-09-2021 (Tuesday) at 03:00 pm under the Chairmanship of Dr. N.V.Vinithkumar, Chairman, SEAC in the Mini Conference Hall of Secretariat, Andaman and Nicobar Administration.

The list of persons present in the meeting and Attendance Sheet are placed at Annexure-I.

At the outset, the Member Secretary, SEAC welcomed the Chairman and the members of the Committee. Thereafter he gave a brief overview of the pending projects submitted by project proponents in PARIVESH (Pro Active and Responsive facilitation by Interactive and Virtuous Environmental Single window Hub) portal for Environmental Clearance-

S.No	Proposal No.	Project Name	Company
1	SIA/AN/IND2/215092/2021	Offshore Oil & Gas Exploration, Development & Production in Oil and Gas Exploratory Block : AN-OSHP 2018/1	Oil India Limited (OIL)
2	SIA/AN/IND2/215427/2021	Oil and Gas Exploration, Development and Production in Block : AN-OSHP-2018/2	Oil India Limited (OIL)
3	SIA/AN/MIS/136283/2020	Construction of seawall/ shore protection work at MUS village in Car Nicobar	Andaman Lakshadweep Harbour Works (ALHW)

Agenda No. 1: Offshore Oil & Gas Exploration, Development & Production in Oil and Gas Exploratory Block : AN-OSHP 2018/1 (EAST)

Oil and Gas Exploration, Development and Production in Block: AN-OSHP-2018/2 (WEST)

The above two project proposals were placed for appraisal in this 4th SEAC meeting. The applicant M/s Oil India Limited (OIL) was invited to give presentation before the Committee. The Chief General Manager (HSE & Admin) Dr. B.N.Sahoo gave brief details of the projects and proposed Environment Management Plan(EMP) through powerpoint presentation. The details are as under-

1. The Oil India Limited (OIL) has been awarded two blocks : AN-OSHP 2018/1 and AN-OSHP 2018/2 in Andaman basin under Open Acreage Licensing Policy (OALP)-Bid Round-II by Ministry of Petroleum & Natural Gas (Exploration Division), Government of India vide letter No.O-12017(11)/25/2018-ONG-II dated 30-08-2019. The area details are as follows-

Sl No	Basin	Block Name	Round	Total Area (Sq Km)	Offshore Area (Sq Km)	Onland Area (Sq Km)
1	ANDAMAN BLOCKS	AN-OSHP-2018/1 (EAST)	Open Acreage Licensing Policy (OALP)-Bid Round-II	3669.25	3438.61	230.64
2		AN-OSHP-2018/2 (WEST)		5947.45	5928.78	18.67

2. The project is a part of exploratory endeavor of Government of India, to explore and develop hydrocarbon presence. The objective of the project is
 - i. To drill, evaluate and determine hydrocarbon potential of designated prospects.
 - ii. To decide optimum locations of wells to be drilled based on geological models, geotechnical investigations and geological mapping.
3. The Proposed Oil and Gas Fields are located within 12 Nautical Miles (NM) from the coastline of Andaman & Nicobar Islands, the area comes under Coastal Regulation Zone under the CRZ Notification 2011. Oil India Limited has informed that they have issued work orders to the following firms for carrying out CRZ study, prepare CRZ Maps and reports as per approved ICRZ /IIMPs maps-
 - i. M/s National Center for Sustainable Coastal Management Authority (NCSCMA), Chennai for Block: AN-OSHP-2018/1
 - ii. M/s Institute of Remote Sensing (IRS), Chennai for Block: AN-OSHP-2018/2
4. The project proponent mentioned that the proposed project falls under Item 1(b) of the schedule of the EIA Notification 2006 and its amendments thereof – “*Off-shore and onshore oil and gas exploration, development and production*”. Further, he mentioned that proposed project will involve On-shore/Off-shore Oil & Gas Exploration activities only at initial stages which has been categorized under B-2 Project of the schedule for which Environment Clearance (EC) has to be obtained at the State Level vide MoEF&CC Gazette Notification No. S.O 236 (E) dated 16th January 2020.
5. Risk assessment study associated with extraction of hydrocarbon has already been studied w.r.t Blowouts, Collision, Helicopter crash, Presence of H₂S and Occupational Health safety hazards and control measures as per the existing guidelines have been incorporated.
6. Oil spill Contingency plan using Sorbents and Bioremediation, Offsite & Onsite Disaster Management Plan (DMP) and Emergency Response Plan (ERP) are available for proposed project. Emergencies are classified as Level-1, Level-2 and Level-3 and all precautionary measures will be taken to ensure safety.

Based on the presentation and document furnished by the project proponent, The State Level Expert Appraisal Committee (SEAC) Andaman and Nicobar has recommended the Grant of issue of Environmental Clearance under the provision of the EIA Notification 2006 for both the above proposed project subject to incorporation of recommendations and compliance of the following -

1. The project proponent has mentioned name of the project as 'Oil and Gas Exploration, Development and Production in Block for both the blocks' in Form-2. As the name indicates, the project falls under Category-A projects for which the committee is not empowered to recommend for EC. The project proponent has clarified that exploration activities are only proposed at this stage.
After detailed discussion, the Committee accepted the project proposal under Item 1(b) of the schedule of the EIA Notification 2006 and its amendments thereof and considered the project proposal as Category B2 in respect of 'Off-shore and onshore oil and gas exploration' only as specified under MoEF &CC Gazette Notification No. S.O 236 (E) dated 16th January 2020. Further the Committee mandated that the project proponent shall reapply for Environmental Clearance as Category A project in PARIVESH portal for 'Offshore and onshore oil and gas development & production'.
2. Water Quality monitoring should be conducted once in every 3 months (i.e., 4 times in a year) which shall include monitoring at pre-operation, during operation and post exploration operation also.
3. Sediment Quality monitoring should be conducted once in every 3 months (i.e., 4 times in a year) which shall include monitoring at pre-operation, during operation and post exploration operation also.
4. Separate studies need to be done for accessing impact on sea bottom, deep sea corals and associated organisms.
5. Impact on fishing population needs to be thoroughly studied and possible mitigation measures to be identified and included.
6. Keeping in view of sensitive conditions of Andaman & Nicobar Islands, separate methodologies need to be formulated for controlling oil spillage during the exploration to ensure tourism activities are not affected by the project.
7. In case of onshore exploration, necessary Forest Clearance may be obtained from concerned authorities.
8. All the ecological parameters may be studied for accessing the impact of the project.
9. The Project Proponent shall ensure that the provisions of Environment Impact Assessment (EIA) 2006 and amendment thereto and circulars issued thereon are followed during the study.
10. The project proponent shall obtain all necessary clearance/permission from all relevant agencies.
11. The Environmental statement for each financial year in Form-V shall be timely submitted to regulatory authorities i.e., Andaman & Nicobar Pollution Control Committee and respective Regional Office of Ministry as prescribed under the Environmental (Protection) Rules, 1986 and subsequent amendments.

Agenda No. 2: Construction of seawall/ shore protection work at MUS village in Car Nicobar, Nicobar District, Andaman & Nicobar Islands

The above project proposal was placed for appraisal in the 4th SEAC meeting. The applicant M/s Andaman Lakshadweep Harbour Works (ALHW) was invited to give presentation before the Committee. The Chief Engineer and the Administrator Shri T.N Krishnamoorthy gave brief detail of the project through powerpoint presentation. The details are as under-


1. The proposed proposal for construction of Sea wall/shore protection work is site specific activity to prevent erosion at MUS, Car Nicobar. On December 26th 2004, a strong earthquake measuring 8.9 on Richter scale struck the islands followed by tsunami waves. The waves and earthquake dislocated the approach portion of the Breakwater. The approach portion of the jetty is sunk from the breakwater. Similarly, the tidal waves also damaged the shore line of the MUS harbour severally. Hence it has been decided to improve the shore area.
2. The proposed project involves construction of shore protection work with stone boulder formation over which 0.50 T capacity tetrapod as per the design of Central Water and Power Research Station (CWPRS) for a length of 800m seawall along the shore area at MUS harbour to prevent to erosion. The design and scope of 800 m shore protection work as per the recommendation of CWPRS, Pune involves
 - i. Supplying & lying Nylon bags filled with stone girt.
 - ii. Supplying and laying stone boulder of various sizes: 10-30 kg & 30-50 kg Stone boulder.
 - iii. Providing and laying 0.50 tonne weight tetrapod.
 - iv. Providing & laying of GEO fabric filter of 240 GSM/Sqm.
 - v. Earth work in excavation by mechanical means/manual means.
3. The materials required for construction shall be transported from Mainland/Foreign to worksite through sea route. The following construction materials are involved in this total project completion-
 - i. Nylon bags (size 70x45x15) – 68985 Nos.
 - ii. Stone boulder – 503123 MT
 - iii. Cement - 94957 Bags
 - iv. Sand – 5275 Cum
 - v. Stone aggregate – 9390 Cum
 - vi. GEO fabric filter – 3770 Sqm.
4. The project proponent mentioned that the said project proposal was considered during the Andaman and Nicobar Coastal Zone Management Authority (ANCZMA) Meeting held on 21-02-2020 under the Chairmanship of Chairman ANCZMA (Chief Secretary ANI) for CRZ Clearance. On recommendation of ANCZMA, the proposal was considered during the 238th EAC meeting held on 30-06-2020 and was again reconsidered during the 255th EAC Meeting held on 12-02-2021. The CRZ/IPZ Clearance for construction of seawall/shore protection work at MUS village was provided vide MOEF&CC IA-III Division letter No. 11-25/2020-IA III dated 30-03-2021.
5. The project proponent mentioned that the said project proposal does not attract the provision of EIA Notification 2006 and requires CRZ Clearance only. The same has been accorded in the minutes of Meeting held on 21-02-2020 under the Chairmanship of Chairman ANCZMA.

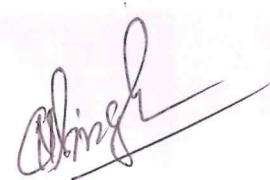
Based on the presentation and document furnished by the project proponent, The State Level Expert Appraisal Committee (SEAC) Andaman and Nicobar made the following deliberations-


1. The Committee members accepted that the project proposal does not fall under the provisions of EIA Notification 2006. However, the Committee mandated that conditions stipulated under IPZ/CRZ Clearance vide MOEF&CC IA-III Division letter No. 11-25/2020-IA III dated 30-03-2021 should be strictly complied with.
2. No effluent shall be discharged without proper treatment from STP and regular monitoring of standard parameters of the effluent discharge from STP shall be done under intimation to ANPCC.
3. Proper arrangements should be made for disposal of C&D Waste, Solid waste, Plastic waste and other biodegradable and non-biodegradable wastes.
4. The Environmental statement for each financial year in Form-V shall be timely submitted to regulatory authorities i.e., Andaman & Nicobar Pollution Control Committee and respective Regional Office of Ministry as prescribed under the Environmental (Protection) Rules, 1986 and subsequent amendments.


The meeting ended at 5:00 P.M with vote of thanks to the Chairman and members.



Dr. Chandrakasan Sivaperuman
(Member SEAC)


Dr. R Mohan Raju
(Member SEAC)


Dr. Lal Ji Singh
(Member SEAC)


Smt. Rita Biswas
(Member SEAC)


Shri Joju P Alappatt, IFS
(Secretary SEAC)


Dr. N.V. Vinithkumar
(Chairman SEAC)

List of the persons attended the meeting:

1. Shri Joju P Alappatt, IFS, Member Secretary ANPCC/Director S&T.
2. Dr. R. Mohan Raju, Professor and Head, Department of Ocean Studies and Marine Biology, Pondicherry Central University, Port Blair
3. Dr. Chandrakasan Sivaperuman, Scientist 'E' & Officer-in-Charge, Zoological Survey of India ZSI Andaman & Nicobar Regional Centre, Haddo, Port Blair
4. Dr. Lal Ji Singh, Joint Director and Scientist 'E', Botanical Survey of India BSI Andaman & Nicobar Regional Centre, Haddo, Port Blair
5. Smt. Rita Biswas, Lecturer, Dr. BR Ambedkar Institute of Technology DBRAIT, Port Blair
6. Dr. B.N Sahoo, Chief General Manager (HSE & Admin), Oil India Limited(OIL)
7. Shri Kartik Chandra Behera DGM-Chemical, Oil India Limited(OIL).
8. Shri T.N Krishnamoorthy, Chief Engineer and Administrator, ALHW
9. Shri P. Muthaiah, Executive Engineer, ALHW
10. Shri K. Palanichamy, Assistant Engineer, ALHW
11. Shri Abhiman Chandru , Scientist ANPCC



अंडमान तथा निकोबार प्रशासन
ANDAMAN & NICOBAR ADMINISTRATION
प्रदूषण नियंत्रण समिति
POLLUTION CONTROL COMMITTEE
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Dolly Gunj, Port Blair-744 103 Tel/Fax 250370
e-mail: dstandamans@gmail.com

No. 2-11/PCC/EIA Notifn/2021/ 786

Port Blair, dated: 27¹⁰/09-2021

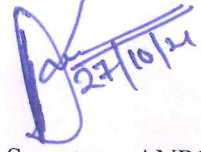
To:

1. Dr. N.V.Vinithkumar, Chairman, SEAC, Type-V Quarters, ACOST Campus, NIOT Industrial Estate Road, Dollygunj, Port Blair
2. Dr. R. Mohan Raju, Professor and Head, Department of Ocean Studies and Marine Biology, Pondicherry Central University, Port Blair
3. Dr. Chandrakasan Sivaperuman, Scientist 'E' & Officer-in-Charge, ZSI Andaman & Nicobar Regional Centre, Haddo, Port Blair
4. Dr. Lal Ji Singh, Joint Director and Scientist 'E', Botanical Survey of India BSI Andaman & Nicobar Regional Centre, Haddo, Port Blair
5. Smt. Rita Biswas, Lecturer, Dr. BR Ambedkar Institute of Technology DBRAIT, Port Blair

Copy to:

1. Dr. B.N Sahoo, Chief General Manager (HSE & Admin), Oil India Limited(OIL),
Email: bnsahoo@oilindia.in

2. Shri T.N Krishnamoorthy, Chief Engineer and Administrator, Andaman Lakshadweep Harbour Works(ALHW), Mohanpura, Port Blair
3. Addl. Principal Chief Conservator of Forests (C), Ministry of Env., Forest and Climate Change, Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34
4. Shri Raj Babu, Technician, ANPCC with a direction to upload the minutes in departmental website.



Member Secretary, ANPCC