

**Government of Maharashtra**

**File. No. SEAC- 2011/CR.698/TC.2**  
Environment department  
Room No. 217, 2<sup>nd</sup> floor,  
Mantralaya Annexe,  
Mumbai- 400 032.  
Dated: 17<sup>th</sup> January, 2012

To,  
M/s. DAS offshore Engineering Pvt Ltd (DOEPL)  
Sagar Uday, Plot No. F-3, Behind CIDCO Bhavan,  
Agroli, CBD Belapur, Mavi Mumbai – 400 614

**Sub: Proposed facility for assembling and offloading of structures associated with offshore extraction of oil and natural gas in Rajpuri creek at village Rohini, Tal. Mhasala, Dist. Raigad, State Maharashtra by M/s DAS offshore Engineering Pvt Ltd (DOEPL) - Environmental Clearance Regarding.**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 44<sup>th</sup> Meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 41<sup>st</sup> Meeting held on 23<sup>rd</sup> / 24<sup>th</sup> September, 2011

2. It is noted that the proposal is for grant of Environmental Clearance for Proposed facility for assembling and offloading of structures associated with offshore extraction of oil and natural gas in Rajpuri creek at village Rohini, Tal. Mhasala, Dist. Raigad, State Maharashtra by M/s DAS offshore Engineering Pvt. Ltd (DOEPL) SEAC considered the project under screening category 7(e) of EIA Notification 2006.

**Project information from submitted & considered documents is summarized as below-**

<b>Name of the Project</b>	:	Proposed facility for assembling and offloading of structures associated with offshore extraction of oil and natural gas in Rajpuri creek
<b>Project Proponent</b>	:	M/s DAS offshore Engineering Pvt Ltd (DOEPL)
<b>Location of the project</b>	:	Rajpuri creek at village Rohini, Tal. Mhasala, Dist. Raigad, State Maharashtra
<b>Type of Project</b>	:	"Ports, harbours, break waters, dredging." 7(e)
<b>Estimated cost of the project</b>	:	Rs. 7897.35 lakhs
<b>Project activity</b>		The proposed project envisages a facility for assembling and offloading of structures which are associated with offshore extraction of natural gas and oil. The Oil platform and rig modules are planned to be fabricated in the temporary sheds with specialized facilities for store, bracing, piping and assembly shops, fixed and mobile cranes for easy movements of the components. All the facilities are proposed to be developed over the reclaimed



area of about 2,49,300 sq. meter inter tidal area. The boulders and disintegrated rocks are available from the nearby hills, which are approved by the revenue department as borrow areas. The final products are various types of structures forming parts of Oil Platform & Rigs. These are transported in mid-sea for installation. They are various structures such as Jackets, structures of Main Deck, Heli Deck & Piles. The components of oil rigs are very heavy/bulky and hence will be fabricated on site. Since jackets used on oil rigs are heavy, fabrication will be done on tracks and winches will be provided to pull the jackets.

**Proposed Facilities**

1	Piping shop	50m×30m	2 nos
2	Brazing shop	50m×30m	1 no
3	Stores for materials/stock	100m×300m	1 no

**Welding Facilities**

Welding machine	Nos	Description
1	60	Arc welding
2	5	CO <sub>2</sub> welding
3	2	X-ray welding

**Components to be fabricated: Off shore Oil Rigs**

1.	Jackets	1100 T
2	Main Deck	500 T
3	Heli Deck	90 T
4	Piles	1000 T

In order to carry out the lifting, handling & placing of raw as well as fabricated components at the workshops or during loading /unloading operations adequate number of Cranes proposed to be provided are as given below:

- 1] Crawling crane on belt with capacity of 150 tons .....1 no
- 2] Mobile cranes with capacity 60 Tons .....2 no
- 3] Mobile cranes with capacity 20 Tons .....4 nos.

**Water Environment :**

- 50 M3/day Water will be required for domestic
- fresh water : 15 cmd
- recycled sewage : 35 cmd
- The water will be supplied by Pipeline.
- STP Capacity : 50cmd



<b>Solid waste Management:</b>	:	<b>Sr. No.</b>	<b>Cat No/Type</b>	<b>Description</b>	<b>Quantity (TPA)</b>	<b>Disposal</b>
			<b>Sch-1</b>			
		1	5.1	Used Oil	10	CPCB/MPCB recognized Party
		2	33.3	Discarded Cans of Oils, Paints	200 nos	MPCB authorized Drum processor
		3	21.1	Waste Paint drums, Rags etc	3	CHWTSDF Taloja
<b>Air pollution control measures:</b>	:	<ul style="list-style-type: none"> <li>• Idling of delivery trucks or other equipments should not be permitted on public road during unloading or when not in active use.</li> <li>• To prevent dust emissions due to trucks carrying cement, gravel, sand or ready mix concrete to the site, these materials should be carried in covered vehicles.</li> <li>• Trees plantation should be undertaken during construction phase itself to absorb gases emitted by vehicles which will help in reducing air pollution.</li> <li>• Areas prone to fugitive dust emissions due to activities such as excavation, grading, sites and routes of delivery vehicles across patches of exposed earth, should be water sprinkled to prevent re-entrainment of dust</li> <li>• Construction areas should be enclosed by barricades, wherever possible. The road used for transportation of stones or murum should be tar /concrete road.</li> <li>• Activities like welding should be done by providing adequate dust/face masks to workers and well ventilated booths to ensure that workers are not affected by the welding fumes.</li> <li>• Activities such as shot blasting if required should be done by providing adequate cover so as to protect personnel and prevent fly off of dust.</li> </ul>				

3. The proposal has been considered by SEIAA in its 41<sup>st</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (i) Authority noted that, the project recommended by MCZMA vide its letter dated 23<sup>rd</sup> June, 2010 & clarification letter dated 18<sup>th</sup> October, 2010. All conditions stipulated in the letter must be complied.
- (ii) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- (iii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (iv) No land reclamation should be carried out.



- (v) No mangroves should be cut and buffer zone of 50 m shall be maintained from the mangroves.
- (vi) Monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (vii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- (viii) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (ix) The overall noise levels in and around the plant 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 Environment (Protection) Act, 1986 Rules, 1989.
- (x) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xiii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xiv) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xv) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xvi) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.
- (xvii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://envis.maharashtra.gov.in>
- (xviii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.



- (xix) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xx) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxi) The project proponent shall also submit six monthly 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) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- (xxiii) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of activity.
6. This environmental clearance is issued as per EIA Notification, 2006. If any part of the plot is affected by CRZ then project proponent should obtain NOC from MCDMA as per FSI applicability. If there is change in building plan accordingly, project proponent should approach SEIAA with corrected plans
7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.



9. Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



(Valsa R Nair Singh)  
Secretary, Environment  
department & MS, SEIAA

**Copy to:**

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.
2. Shri. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagararam –Ambattur Road, Chennai – 600 095
3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
5. Regional Office, MPCB, Raigad
6. Collector, Raigad.
7. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
8. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment department.
9. Select file (TC-3)