

No. SEIAA: 22: IND: 2011
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY, KARNATAKA

(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology & Environment,
Room No.709, 7th Floor, IV-Gate,
M.S. Building, Bangalore-560 001,
Date: 21st September 2012.

To,

M/s. Honnavar Port Pvt. Ltd.,
103, Lalehzar Apartments,
45/I-2, Palace Road,
Bangalore- 560 001.

Phone: +91-80-22353670, 41494960.

Fax: +91-80-22353671.

Email: info@honnavarport.com

Sir,

Sub: Development of Barge/vessel loading facility to handle 4.9 MTPA of cargo at Coastal Sand Spit, Kasarkod Tonka Village, Honnavar Taluk, Uttara Kannda District of M/s. Honnavar Port Pvt. Ltd.,- issue of Environmental Clearance- reg

This has a reference to your application dated 09.06.2011 and subsequent communications in this regard for Environmental Clearance for the proposed development of Barge/vessel loading facility to handle 4.9 MTPA of cargo. The proposal has been examined and processed in accordance with EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application in Form 1, EIA, EMP and the additional clarifications furnished in response to the observations of the SEAC, Karnataka.

2. It is interalia, noted that M/s. Honnavar Port Pvt. Ltd., have proposed for development of an all weather barge / vessel loading facility at Coastal Sand Spit, Kasarkod Tonka Village, Honnavar Taluk, Uttara Kannda District. Total land requirement for the proposed facility is 44 Ha out of which, Coal stockyard area: 7 ha; Iron ore stockyard area: 1.80 ha; General cargo storage (open) area: 4 ha; General cargo storage (Closed) area: 2 ha; Liquid cargo storage area: 0.10 ha; Roads and circulation area: 8.15 ha; Operation building area: 0.05 ha; Canteen area: 0.02 ha; Vehicle parking area: 0.09 ha; Substation area: 0.02 ha; Gate house/security/weigh bridge area: 1.50 ha; Truck parking area: 5.40 ha; Fuel station area: 0.02 ha; Control tower area: 0.01 ha; Green belt area: 3.10 ha; Area available for other operations and area earmarked for future expansion: 6.72 ha and Rock armour area (approx) 4 ha.

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Port Sub-division, Honnavar
& Nodal Officer

Total capacity of cargo handling is 4.9 MTPA of which 2.70 MTPA of coal; 1.00 MTPA of iron ore; General Cargo 1.20 MTPA i.e. Granite-0.16 MTPA; Fertilizer- 0.2 MTPA; molasses with agro products- 0.15 MTPA; steel products- 0.40 MTPA and sugar-0.29 MTPA. In order to maintain tranquility in the harbor basin, two break waters are proposed (Southern Break Water: 865 m and northern break water: 820 m). Berth of 440m long and 30m wide with back up area of 44 Hectares, dredging, approach channel: (length of approach channel inner: 1395m & outer 2280m, width of the channel 100m and depth of the channel: (-)10 m), Turning circle (diameter of the turning circle -250m, dredged to a depth of (-) 10 m), Estimated dredging quantity 3.9 million cum, Estimated quantity proposed to be used for reclamation 1 million cum.

3. Total water requirement during the operation phase of barge/vessel loading facility is 7 KLD will be met from Karnataka Rural Water Supply & Sanitation Agency. Out of 7 KLD, 3 KLD supply to barges, 2 KLD supply to barge loading facility staff & users and 2 KLD for miscellaneous. The water required for dust suppression system and fire fighting will be sourced from Sharavati River. The sewage system will be provided to collect the sewage from barge/vessel loading facility administration building; canteen and operation building will be treated in STP. The cargo storage area will be provided with an extensive drainage and treatment system. Drainage pits will be provided in the workshop areas, which will be connected to an oily wastewater tank. Oily wastewater if any will be collected and will be treated to meet the discharge standards. The total power requirement is 1 MVA. The total cost of the project is Rs. 513 Crores.

4. The project proposal has been considered by SEAC and ToRs were issued on 13.09.2011 for conducting Environment Impact Assessment Study and public consultation.

5. The EIA has been conducted by M/s. L&T Ramboll Consulting Engineers Ltd, 3-11921, 5th Floor, Block No. 3, White House, Kundan Bagh, Begumpet, Hyderabad - 500 016, A.P. (QCI/NABET accredit consultant). The Public Consultation was held on 27.01.2012.

6. Based on the information submitted by you, presentation made by you and the consultant, M/s. L&T Ramboll Consulting Engineers Ltd, 3-11921, 5th Floor, Block No. 3, White House, Kundan Bagh, Begumpet, Hyderabad - 500 016, A.P. the State Level Expert Appraisal Committee (SEAC) examined the proposal and has recommended for issue of Environmental Clearance in the meetings held on 20.08.2011, 17.03.2012, 07.04.2012 & 25/26.05.2012.

7. The Karnataka State Coastal Zone Management Authority has recommended the proposal for issue of Environmental Clearance during the meeting held on 28.05.2012.

8. After due consideration of the project proposal, and considering the recommendations of the State Level Expert Appraisal Committee (SEAC) and KSCZMA, the State Level Environment Impact Assessment Authority (SEIAA) in its meeting held on 06.07.2012 & 06.08.2012 accords Environmental Clearance to the project as per provisions of the EIA Notification No. S.O. 1533 dated 14th September 2006 of Ministry of Environment & Forest, GoI subject to strict compliance of terms and conditions as mentioned below:-

A. Specific Conditions:-

1. Consent for Establishment from the Karnataka State Pollution Control Board should be obtained before initiating the project.
2. Dredged material remaining after the reclamation/backfilling shall be disposed at dumpsite identified at 2 Km to the North of port entrance channel. The dredged material shall be disposed at greater depths (>30 m) during period of strong near shore currents (during peak wet season) depth so that the material does not come 1.5 m above bed level.
3. Dredging operations shall be undertaken in consultation with expert organization to ensure that dredging operations do not cause adverse impact on water quality and marine productivity in the vicinity. Dredging operation as far as possible should be kept to the minimum for avoiding any adverse impact on marine life.
4. Deflectors in the dredgers should be fixed if required as to prevent harm to marine species.
5. Disposal sites for excavated material for reclamation/backfilling should be so designed that the revised land use after dumping and changes in the land use pattern do not interfere with the natural drainage.
6. To meet with any emergency situation, adequate foam containers should be kept ready with supporting fire fighting system and water pipeline.
7. Staff posted in sensitive areas should be trained in implementation of the Crisis Management Plan already drawn by the authorities. Mock drill(s) for this purpose should be conducted on a regular basis. Provisions of Dock Safety Act and the guidelines issued by the DG, FASLI/CLI, Mumbai for the safety and health of the workers should be followed.
8. Treatment and discharge of sewage and other liquid wastes including ballast into marine environment shall be carried out as per KSPCB guidelines.
9. Adequate noise control measure must be provided to control noise level at various work places within the standard prescribed. Ear plugs and ear muffs should be provided to the workers in the project area.
10. The quality of treated effluents, solid wastes and emission must conform to the standards laid down by the competent authority. There shall be no disposal of solid and liquid waste into the coastal environment.
11. Necessary leakage detection devices with early warning system must be provided at strategic locations.
12. Standby DG Sets must be provided to ensure uninterrupted power supply of the pump house and the fire fighting system.
13. All lights should be dark sky friendly and should not create glare as glare created would disturb marine life.

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Port Sub-division, Honnavar
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14. Undertaking of awareness campaigns amongst fishermen and villagers to minimize harm to species as stipulated.
15. No beach sand shall be used for construction activities.
16. The approach channel shall be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines shall be framed.
17. The height of the buildings other than the lighthouse tower should not exceed 9 meters, and the constructions should be in accordance with the existing FSI/FAR norms in accordance with Coastal Regulation Zone Notification, 1991/2011.
18. The construction waste should be disposed off in designated dumping grounds outside the port area after obtaining necessary permissions from the local Authorities.
19. During transportation of the construction material, it shall be ensured that all safety norms are followed and no spillage takes place in the city roads.
20. No product other than those permissible in the Coastal Regulation Zone Notification, should be stored in the Coastal Regulation Zone area.
21. All construction design/ drawings relating to construction activities must have the approval of the concerned Departments/ Agencies. Ground water should not be tapped for construction activities as the drawl of ground water for industrial use from the CRZ area is a prohibited activity. It should also be ensured that as a result of the proposed constructions, ingress of saline water into ground water does not take place.
22. There shall be no withdrawal of groundwater in Coastal Regulation Zone area, for this project. In case any ground water is proposed to be withdrawn from outside the CRZ area, specific prior permission from the concerned State / Central Groundwater Board shall be obtained in this regard.
23. The waste water generated from the activity shall be collected, treated and reused properly.
24. Sewage Treatment facility should be provided in accordance with the CRZ Notification.
25. Installation and operation of DG set if any shall comply with the guidelines of CPCB. Oil spills if any shall be properly collected and disposed as per the Rules. Project proponent shall install necessary oil spill mitigation measures.
26. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
27. The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.
28. It shall be ensured that the proposed activities does not cause disturbance to the fishing activity, movements of fishing boats.
29. Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
30. All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 27.01.2012 should be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Authority.
31. The company shall comply with the recommendations made in the EIA/EMP/Risk assessment report/Modeling study etc.

32. The project authorities shall follow the best practices that are being adopted for Safe handling and storage of coal and iron ore in other major ports.
33. The project authorities shall follow the measures proposed for prevention and abatement of air, water and soil pollution due to handling and storage of coal and iron ore.
34. Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from the stock yard. The water so collected should be utilized for sprinkling stockyard, roads and watering green belt development etc. The drains should be regularly de-silted and maintained properly.
35. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the stock yard. Sump capacity shall also be provided for adequate retention period to allow proper settling of silt material.
36. Dimension of the retaining wall at the toe of dumps to check run-off and siltation should be based on the rainfall data.
37. Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in stock yard and in transportation of mineral. The vehicles should be covered with a tarpaulin and shall not be overloaded.
38. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
39. All approach roads shall be black topped and internal roads and major haul roads shall be black topped or concreted and swept regularly with mechanical sweepers.
40. A 3-tier avenue plantation using local species shall be developed along the main roads, and approach roads. In addition, green belt shall be developed using local species all along the periphery of the site, along the stockyards, which shall be properly maintained. Water sprinkling arrangements shall be established and functional during transfer and loading of coal/iron ore.
41. The Project authorities shall earmark at least 5 % of the total cost of the project towards the future corporate social responsibility, including activities such as providing treated drinking water to Kasarkod, Tonka and Apsarakonda Villages by installing RO plants, provide educational and health facilities and undertake community development programs committed vide letter dated 27.08.2012 which are to be implemented with a budget not less than Rs. 1.5 Crores. Item-wise details along with time bound action plan shall be prepared and submitted to the Authority.

B. GENERAL CONDITIONS:

1. A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
2. The project authorities shall strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB) and CRZ Authorities.

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Port Sub-division, Honnavar
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3. The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
4. The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of firefighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.
5. At no time, the emissions shall exceed the prescribed limits. In the event of 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.
6. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
7. The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. Authorization from the KSPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
8. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.
9. Ambient air quality (RPM, SPM, SO₂, NOX) should be regularly monitored as per the National Ambient Air Quality Emission Standards/Limits prescribed by the Ministry of Environment and Forests, Government of India, vide G.S.R. No. 826(E) dated 16th November, 2009 and data submitted to the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka, Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Karwar and the Regional Office, MoEF, Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.
10. Fugitive dust emission from all the sources should be controlled regularly. Water spray arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
11. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

Occupational health surveillance program of the workers should be undertaken periodically i.e. once in 3 months to observe any contractions due to exposure to dust and take corrective measures, if needed. Quarterly report in this regard should be submitted to the Department of Environment and Ecology, Govt. of Karnataka, Regional Director (Environment), Department of

- Environment and Ecology, Government of Karnataka, Karwar, the Karnataka State Pollution Control Board and the Regional Office, MoEF, Bangalore.
12. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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, Rules, 1989 viz. 85 dBA (day time) and 70 dBA (night time).
 13. The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.
 14. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF, Regional Office at Bangalore / KSPCB/ CPCB, the Department of Environment & Ecology, Bangalore and the Regional Director (Environment), Department of Ecology and Environment, Karwar. A six monthly compliance status report shall be submitted to monitoring agencies.
 15. The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also be seen at Website of the State Ecology and Environment department at <http://www.seiaa.kar.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office of MoEF at Bangalore / KSPCB/ CPCB/ the Department of Ecology & Environment, Government of Karnataka, Bangalore.
 16. The project authorities shall inform the Regional Office of MoEF at Bangalore / KSPCB/ CPCB/ the Department of Ecology & Environment, Government of Karnataka, Bangalore, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
 17. The SEIAA, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 18. The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
 19. The issue of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned Authorities.
 20. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
 21. 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.
 22. Officials from the Department of Environment, Ecology, Bangalore/ Regional Office of MoEF, Bangalore and the Regional Director (Environment), Department of Ecology and Environment, Karwar who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during


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their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the Regional Office of MoEF at Bangalore / KSPCB/ CPCB/ the Department of Ecology & Environment, Government of Karnataka, Bangalore and the Regional Director (Environment), Department of Ecology and Environment, Karwar.

23. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
24. 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.
25. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.
26. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.


Yours faithfully,


(KANWERPAL)
Member Secretary,
SEIAA.

Copy to:

1. The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
2. The Secretary, Department of Environment and Ecology, Government of Karnataka, Bangalore 560 001.
3. The Member Secretary, Karnataka State Pollution Control Board, Church Street, Bangalore - 560 001.
4. The CCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore-560 034.
5. The Regional Director (Environment), Department of Ecology and Environment, Karwar.
6. Guard File.

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& Nodal Officer



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 22 IND 2011

Date:01.07.2019

EXTENSION OF VALIDITY OF ENVIRONMENTAL CLEARANCE

Preamble:

Attention is invited to this Authority's letter No.SEIAA 22 IND 2011 dated 21st September 2012 regarding grant of Environmental Clearance for development of Barge/vessel loading facility from 4.9 MTPA of cargo at Coastal Sand Spit, Kasarkod Tonka village, Honnavar Taluk, Uttara Kannada District of M/s. Honnavar Port Pvt. Ltd.

Request has been made by M/s. Honnavar Port Pvt. Ltd. vide letter dated 06.03.2019 for extension of validity of the Environmental Clearance issued by another three years, as the project could not be completed due to various administrative reasons.

The State Level Environment Impact Assessment Authority, Karnataka considered the above request made during the meeting held on 18th May 2019 in the light of provision under para 9 of the Notification No. S.O. 1533(E) dated 14th September 2006. The Authority have decided to extend the validity of the Environmental Clearance issued vide letter No. SEIAA 22 IND 2011 dated 21st September 2012 for further period of three years from the date of expiry of validity of the said E.C, subject to strict implementation of the conditions of the Environmental Clearance dated 21st September 2012.

Hence the order.

ORDER

Pursuant to the facts and circumstances in the preamble, the validity of the Environmental Clearance issued in favour of M/s. Honnavar Port Pvt. Ltd., # 103, Lalehzar Apartments, 45/I-2, Palace Road, Bangalore- 560 001 vide letter No. SEIAA 22 IND 2011 dated 21st September 2012 by the State Level Environment Impact Assessment Authority, Karnataka for the development of Barge/vessel loading facility from 4.9 MTPA of cargo at Coastal Sand Spit, Kasarkod Tonka village, Honnavar Taluk, Uttara Kannada District stands extended for a further period of three years from the date of expiry of validity of the said Environmental Clearance subject to condition that all other terms and conditions of the Environmental Clearance issued on 21st September 2012 shall be adhered to.

To

M/s. Honnavar Port Pvt. Ltd.,
103, Lalehzar Apartments,
45/I-2, Palace Road, Bangalore- 560 001



(Vijayakumar Gogi)
Member Secretary,
SEIAA.

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Assistant Executive Engineer
Port Sub-division, Honnavar
& Nodal Officer

Copy to:

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi- 110003.
2. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
3. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore-560 034.
4. The Regional Director (Environment), Department of Ecology and Environment, Karwar.
5. Guard File.