Ref: AVPPL/MOEF/2022-23/2228                      Date: 28th November 2022

To,
Ministry of Environment Forest and Climate Change (MoEF&CC),
Regional Office (Southern Zone),
Kendriya Sadan, IVth Floor, EBF Wings, 17th Main Road, IIth Block,
Koramangala, Bangalore-560034
rosz.bng-mefcc@gov.in

Subject: Submission of Half Yearly Compliance Report (HYCR) to Conditions of Environmental Clearance (EC) for the Period April 2022 to September 2022 with respect to our Building Stone Quarry Project in Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala State – Reg.

Reference: 1. EC No. 88/Q/2022 dated 02.08.2022
2. Our Letter AVPPL/SEIIAA/2022-23/2092 dated 02.09.2022

Dear Sir/Madam,

This is with reference to the Environmental Clearance (EC) for Adani Vizhinjam Port Pvt. Ltd. (AVPPL) Building Stone Quarry Project in Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala State; by vide Reference 1.

As per the EC, 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 and the website of the Project Proponent. The HYCR with the name of the project, EC No and date & the period of submission should be sent to the Regional Office of MoEF & CC & to SEIIAA by email only at email ID rosz.bng-mefcc@gov.in & seacseiaakerala@gmail.com, respectively. Hardcopy of HYCRs shall not be acceptable.

Since the orders for EC was granted on 02.08.2022, AVPPL have not initiated any work at the site. Further, as per the EC, The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIIAA before commencing the mining activity. AVPPL have applied for panchayat license and are yet to obtain the same; after which the Mining Lease will be applied for.

The first Half Yearly Compliance Report (HYCR) will be submitted after obtaining valid lease/permit from the Mining & Geology Department and commencement of mining operations. In the meantime, AVPPL have complied with certain Specific Conditions and General Conditions that are applicable; as detailed in the table below:
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Condition</th>
<th>Compliance Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Specific Conditions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>The Boundary Pillars should be changed to concrete poles and the number of the boundary pillars as given in the approved Mine Plan and coordinates should be marked in paint before the onset of mining. The photograph of the all the Boundary Pillars should be submitted along with the documents regarding the publicity of EC and other mandatory documents to be produced before SEIAA as per General Condition.</td>
<td><strong>Complied</strong> AVPPL had submitted to SEIAA that the boundary pillars have been completed with concrete poles and numbered as given in the approved Mine Plan with coordinates marked in paint vide reference 2; our letter AVPPL/SEIAA/2022-23/2092 dated 02.09.2022 (Enclosed as Annexure 1).</td>
</tr>
</tbody>
</table>

<p>| <strong>General Conditions</strong> | | |
| 1 | The proponent should provide notarized affidavit. | <strong>Complied</strong> AVPPL had submitted an Affidavit to SEIAA (indicating the number and date of Environmental Clearance proceedings) stating that all the conditions stipulated in the EC shall be scrupulously followed vide reference 2; our letter AVPPL/SEIAA/2022-23/2092 dated 02.09.2022 (Enclosed as Annexure 1). |
| 3 | 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 <a href="http://www.seiaakerala.in">www.seiaakerala.in</a>. 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. | <strong>Complied</strong> Details of the EC were advertised in two local newspapers (The Hindu – English and Mathrubhumi – Malayalam) published on 18.08.2022. Copies of the Newspapers and the signed EC were submitted to SEIAA vide reference 2; our letter AVPPL/SEIAA/2022-23/2092 dated 02.09.2022 (Enclosed as Annexure 1). |</p>
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Condition</th>
<th>Compliance Status</th>
</tr>
</thead>
</table>
| 4     | The proponent shall send a copy of the EC to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company. | Complied  
AVPPL submitted a copy of the EC to the Kalanjoor Gram Panchayat vide reference 3; our letter AVPPL/SEIAA/2022-23/2116 dated 16.09.2022 (Enclosed as Annexure 2).  
The copy of EC is also uploaded to the company website:  
https://www.adaniports.com/Downloads  |
| 42    | The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.                                        | Complied  
The contractors involved in mining at the quarry will be completely responsible for insurance of their workers and the same will be explicitly mentioned in the Service Order issued to them. Affidavit for the same was submitted to SEIAA vide reference 2; our letter AVPPL/SEIAA/2022-23/2092 dated 02.09.2022 (Enclosed as Annexure 1). |

This is for your information and records. You are requested to kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,

Rajesh Jha  
Chief Executive Officer

Encl: As Stated Above

Copy to: State Environment Impact Assessment Authority (SEIAA), K.S.R.T.C Bus Terminal Complex, 4th Floor, Thampanoor, Thiruvananthapuram, Kerala
Annexure 1
Ref: AVPPL/SEIAA/2022-23/2092  Date: 2nd September 2022

To,
The Member Secretary,
State Environment Impact Assessment Authority (SEIAA), Kerala
K.S.R.T.C Bus Terminal Complex, 4th Floor,
Thampapoo, Thiruvananthapuram - 695 001

Subject: Environment Clearance (EC) with respect to our Proposed Building Stone Quarry Project in Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala State – Submission of Signed EC, Newspaper Advertisements and Notarized Affidavit - Reg.

2. EC No. 88/Q/2022 dated 02.08.2022

Dear Sir/Madam,

As per the EC obtained from State Environment Assessment Authority (SEIAA), Kerala vide reference above, we are hereby complying with and submitting necessary documents with respect to certain Specific Conditions and General Conditions as detailed in the table below:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Condition</th>
<th>Compliance Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>The Boundary Pillars should be changed to concrete poles and the number of the boundary pillars as given in the approved Mine Plan and coordinates should be marked in paint before the onset of mining. The photograph of all the Boundary Pillars should be submitted along with the documents regarding the publicity of EC and other mandatory documents to be produced before SEIAA as per General Condition.</td>
<td>In our letter AVPPL/SEIAA/2022-23/2035 dated 26.07.2022 vide reference 1, we had mentioned that construction of the Boundary Pillars were in Progress. Now the boundary pillars have been completed with concrete poles and numbered as given in the approved Mine Plan with coordinates marked in paint. Photographs are given in Annexure 1.</td>
</tr>
</tbody>
</table>

**General Conditions**

| 1     | The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed. | Complied Affidavit for the same is enclosed as Annexure 2. |

Adani Vizhinjam Port Pvt Ltd
3rd Floor, Aspinwall House,
Kuravankonam,
Thiruvananthapuram,
Kerala-695003
Registered Office:
Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad-382421

Tel +91 75 2656 9565
Fax +91 75 2555 5500
info@adani.com
www.adani.com
CIN: U61200GJ2015PTC03954

Received 29/22.
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Condition</th>
<th>Compliance Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>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 <a href="http://www.seiaakerala.in">www.seiaakerala.in</a>. 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.</td>
<td>Complied Details of the EC were advertised in two local newspapers (The Hindu – English and Mathrubhumi – Malayalam) published on 18.08.2022. Copies of the Newspapers in Enclosed as Annexure 3. The signed EC is enclosed in Annexure 4. The copy of EC is also uploaded to the company website: <a href="https://www.adaniports.com/Downloads">https://www.adaniports.com/Downloads</a></td>
</tr>
<tr>
<td>42</td>
<td>The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.</td>
<td>Complied The contractors involved in mining at the quarry will be completely responsible for insurance of their workers and the same will be explicitly mentioned the Service Order issued to them. Affidavit for the same is enclosed as Annexure 2.</td>
</tr>
</tbody>
</table>

You are requested to kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely
Rajesh Jha
Chief Executive Officer

Encl: As Stated Above
To Whomsoever It May Concern

I, Rajesh Jha, aged 57 years, S/o Late Krishna Chandra Jha, am the Managing Director and Chief Executive Officer (MD & CEO) of Adani Vizhinjam Port Private Limited (AVPPL), having its office at 3rd Floor, Aspinwall House, Kuravankonam, Thiruvananthapuram, Kerala-695003, the company applying for Environmental Clearance (EC) for Building Stone quarry situated at Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala State.

I hereby state and declare that the company will adopt the following drilling and blasting parameters for the above said Quarry:

- Drilling – Burden : 1.5 Meter
- Drilling – Spacing : 1.0 Meter
- Drilling – Hole Diameter : 32 Millimeter
- Drilling – Depth of the Hole : 1.5 Meter
- Blasting – Use of Explosives : 375 Grams
- Blasting – Ignition : Nonel
I state and declare that the company will maintain distance criteria as per existing norms from the nearby houses and other built structures such as the Inchappara-Athirunkal road to the boundary of overburden dumpsite and the boundary of the project site.

I also state and declare that all the assurances given during the Public Consultation process will be complied with.

All the facts stated above are true and correct to the best of my knowledge, information and belief.

Deponent

Rajesh Jha
MD & CEO
AVPPL

Date: July 26, 2022
Place: Thiruvananthapuram
Centre restores farm loan interest rates as rates rise

Govt. to allocate ₹3.4865 cr. more from 2022-23 to 2024-25

SPECIAL CORRESPONDENT
NEW DELHI

The Union Cabinet on Wednesday decided to restore the interest subvention on short-term agriculture loans to 1.5% for all financial institutions, including cooperative banks.

The Centre said the increase in interest subvention support required additional budgetary provision of ₹4.86,500 crore for the period of 2022-23 to 2024-25. This extra provision was necessary to maintain the interest rate on short-term agriculture loans at 7%.

The Centre supported the banks for interest subvention schemes in May 2020 to make the banks able to provide such loans at 7%.

‘Retail sees good growth over pre-COVID levels’

July sales rises 18%, RAI survey shows

PRESS TRUST OF INDIA

Retail businesses across India continued to post healthy growth over pre-pandemic levels, registering an 18% rise in July sales compared with the same month in 2019, according to a report by the Retailers Association of India (RAI).

As per the latest business survey by RAI, the eastern region saw the highest year-on-year growth of 25% last month, followed by the south at 23%, north at 18% and the west at 8%.

In terms of categories, sports goods clocked the highest growth rate with a 33% increase over July 2019, followed by footwear and furniture and furnishing at 25% each.

Apparel and clothing registered a 22% rise, while quick service restaurants, consumer durables and electronics and footwear posted a growth of 17%, according to the survey.

‘Retail clings on in median mobile speeds’

REUTERS

India in July gained one spot in global ranking for median mobile speeds to the 171st position, from 118 in June. However, the country saw a dip in median mobile speeds to 10.14 Mbps, from 12.44 Mbps in the previous month, said Ookla, a global leader in connectivity monitoring, India climbed two spots in global ranking for overall broadband speeds— from 72 in June to 70 in July, it said.

INLAND WATERWAYS AUTHORITY OF INDIA

Rajendra Prasad, Transport, Railways & Commerce, said that the Centre has already taken a decision to restore the interest subvention on short-term agriculture loans.

KANHAR

The Central Waterways Corporation of India (CWCI), a public sector undertaking under the Ministry of Water Resources, River Development and Ganga Rejuvenation, has granted the third tranche of interest subvention to 13,010 loan accounts of small, marginal and middle farmers for the year 2022-23.

The tranche of interest subvention is due to the farmers to help them to meet their immediate needs as the development of inland waterways is a high-value project.

THE HIGH COURT OF KERALA

Ernakulam-682511, Email: recruitments@ho.hc.ert.in, Phone: 0484-2632539, Fax: 0484-2321720

BRIEF NOTIFICATION

(Renewal) No. 6/2022

Applications are invited from qualified Indian Citizens for temporary appointment to the post of Research Assistant in the High Court of Kerala. The appointment will be for a period of two years only.

Name of Posts: Research Assistant

Qualification: Graduate in Law (See the detailed notification on the eligibility of Final Semester Law students to apply)

Age Limit: 35 years

No. of vacancies: 15

Honorarium: ₹30,000 per month

Detailed Notification is available in the Recruitment Portal of High Court of Kerala (www.hc.ert.in). Candidates are required to submit their application Online through the Portal. Dates to be Referred.
To,

The Proprietor
M/S ADANI VIZHINJAM PORT PVT. LTD
M/s ADANI VIZHINJAM PORT PVT. LTD, 2ND FLOOR, VIPANCHIKA TOWER, THYCAUD, THIRUVANANTHAPURAM, KERALA - 695014

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/MIN/61070/2019 dated 17 Apr 2021. The particulars of the environmental clearance granted to the project are as below:

1. EC Identification No. EC22B001KL191807
2. File No. 1441/EC1/2019/SEIAA
3. Project Type New
4. Category B1
5. Project/Activity including Schedule No. 1(a) Mining of minerals
6. Name of Project Koodal (341/6) Granite Building Stone Quarry of M/s Adani Vizhinjam Port Pvt Ltd
7. Name of Company/Organization M/S ADANI VIZHINJAM PORT PVT. LTD
8. Location of Project Kerala
9. TOR Date 04 Aug 2020

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

Date: 02/08/2022

(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.

This is a computer generated cover page.
PROCEEDINGS OF THE
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY – KERALA, THIRUVANANTHAPURAM
(Present : Dr. H. Nagesh Prabhu IFS (Reit), Chairman, Shri. K. Krishna Panicker, Member, Dr. V. Venu IAS, Member Secretary)


State Level Environment Impact Assessment Authority, Kerala

Proposal No. SIA/KL/MIN/ 61070/2019

File No. 1441/EC1/2019/SEIAA

Ref: 1. Application received on 23.02.2021 from Sri. Rajesh Kumar Jha, Chief Executive Officer & Authorized Signatory, M/s. Adani Vizhinjam Port Pvt Ltd
2. Minutes of the 128th SEAC meeting held on 23rd to 24th May, 2022
3. Minutes of the 115th SEIAA meeting held on 30th June, 2022

ENVIRONMENTAL CLEARANCE NO. 88/Q/2022

Sri. Rajesh Kumar Jha, Chief Executive Officer & Authorized Signatory, M/s. Adani Vizhinjam Port Pvt Ltd, 2nd Floor, Vipanchika Tower, Thycaud, Thiruvananthapuram District – 695014, submitted an application for Environmental Clearance via PARIVESH on 23.02.2021 for the Granite Building Stone Quarry for an area for an area of 4.8556 Ha in Re-Survey No. 341/6 (pt) in Koodal Village, Konni Taluk, Pathanamthitta District, Kerala. The project details are as follows:

EC identification No. - EC22B001KL191807  File No. - 1441/EC1/2019/SEIAA  Date of Issue EC - 02/08/2022  Page 2 of 18
<table>
<thead>
<tr>
<th>SL.No.</th>
<th>Particulars</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Project</td>
<td>Granite Building Stone Quarry Project of M/s Adani Vizhinjam Port Limited</td>
</tr>
<tr>
<td>2</td>
<td>Proposed Activity</td>
<td>Mining of Granite Building Stone</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Sector &amp; Schedule No. (in the EIA Notification, 2006)</td>
<td>Non Coal mining, Activity 1(a), Category B2</td>
</tr>
<tr>
<td>4</td>
<td>Name &amp; Address of the Project Proponent</td>
<td>Sri. Rajesh Kumar Jha, Chief Executive Officer &amp; Authorized Signatory, M/s. Adani Vizhinjam Port Pvt Ltd, 2nd Floor, Vipanchika Tower, Thiruvananthapuram District – 695014</td>
</tr>
<tr>
<td>5</td>
<td>Project Location</td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Block No.</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Re-Survey Nos:</td>
<td>341/6 (pt)</td>
</tr>
<tr>
<td></td>
<td>b) Village</td>
<td>Koodal</td>
</tr>
<tr>
<td></td>
<td>c) Taluk</td>
<td>Konni</td>
</tr>
<tr>
<td></td>
<td>d) District</td>
<td>Pathanamthitta</td>
</tr>
<tr>
<td>6</td>
<td>Geo Co-ordinates</td>
<td>Latitude 9°08'54.81&quot;N to 9°09'04.73&quot;N</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Longitude 76°52'13.29&quot;E to 76°52'25.10&quot;E</td>
</tr>
<tr>
<td>7</td>
<td>Extent (in Hectare)</td>
<td>4.8556</td>
</tr>
<tr>
<td>8</td>
<td>Expected Project Cost</td>
<td>6.51 Crore</td>
</tr>
<tr>
<td>9</td>
<td>Capacity of the Mining Lease</td>
<td>1355780 MT</td>
</tr>
<tr>
<td>10</td>
<td>Date of Field Inspection</td>
<td>06.05.2022</td>
</tr>
</tbody>
</table>
### CER Details

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Items</th>
<th>Funds to be allocated (in INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Drinking water facility for the labourers</td>
<td>1,00,000</td>
</tr>
<tr>
<td>2</td>
<td>Sanitary arrangement</td>
<td>1,00,000</td>
</tr>
<tr>
<td>3</td>
<td>Safety kit</td>
<td>2,00,000</td>
</tr>
<tr>
<td>4</td>
<td>Dust control</td>
<td>50,000</td>
</tr>
<tr>
<td>5</td>
<td>Afforestation etc.</td>
<td>2,50,000</td>
</tr>
<tr>
<td>6</td>
<td>Promotion of Rainwater Harvesting Programmes</td>
<td>3,50,000</td>
</tr>
<tr>
<td></td>
<td>Promotion of renewable Energy</td>
<td>3,52,000</td>
</tr>
<tr>
<td></td>
<td>Promotion of Health care units</td>
<td>4,00,000</td>
</tr>
<tr>
<td></td>
<td>Improvement of Social Aspects such as road, street light, plantations</td>
<td>2,50,000</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>Rs. 20,02,000</strong></td>
</tr>
</tbody>
</table>

2. In the 128th SEAC meeting held on 23rd to 24th May, 2022, the Committee examined the documents submitted by the proponent and found them satisfactory. The Committee noted that the nearest built structure is at a distance of 56.1m. The Committee discussed the field inspection report and recommended EC with Project Life of 5 years subject to the following Specific Conditions in addition to the General Conditions.

   a) The Boundary Pillars should be changed to concrete poles and the number of the boundary pillars as given in the approved Mine Plan and coordinates should be marked in paint. The photograph of the all the Boundary Pillars should be submitted prior to commencement of mining.

   b) Though the quantity of overburden is less, the proponent should maintain distance criteria as per existing norms from the nearby houses and other built structures.
such as the Inchappara- Athirunkal road to the boundary of overburden dumpsite and the boundary of the project site. An affidavit and a map showing the location should be submitted prior to the issuance of EC.

c) A proper retaining wall/ gabion wall should be constructed to prevent topsoil and overburden runoff during rains.

d) A check dam should be constructed for storage of water and recharge of low-lying areas. The structures should be constructed as per the existing distance norms.

e) The garland canal, silt traps, siltation ponds and outflow channel should be desilted and cleaned periodically and geotagged photographs of the same should be submitted along with half-yearly compliance report.

f) The turbidity of outflowing water along with other parameters as per the environmental monitoring plan should be monitored during different seasons and included in the half-yearly report.

g) Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.

h) The buffer zone should be enriched with more indigenous plants as specified in the biodiversity assessment report. The same plants should be used for the compensatory afforestation and green belt development. Details of indigenous trees planted during the first three months from the date of issuance of EC should be submitted along with a plan for the remaining period.

i) Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm).

j) Regular ground water monitoring of the well located 97 m away on the south side of the quarry (9° 8'53.93"N, 76°52'16.24"E) should be conducted and the data should be incorporated in the half yearly report along with geo-tagged photograph.

k) The natural canals including Erattathodu flowing through the adjacent areas should be properly protected and maintained.

3. In the 115th SEIAA meeting held on 30th June, 2022, the Authority decided to issue Environmental Clearance for the project life of 5 years for the quantity mentioned in the
approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.

The issuance of EC is subject to the proper submission of all necessary documents and affidavits as instructed by SEAC in its 128th meeting to the satisfaction of SEIAA.

1. The proponent shall carry out quarrying as per the approved Mining Plan and the proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.

2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.

3. The drilling and blasting parameters that Blasting (NONEL) will be done only with drill hole of 32mm diameter and depth 1.5m loaded with a maximum of 375 gm of explosive in each hole of the array with a burden of 1.5m and spacing of 1m as agreed in the affidavit.

4. The Boundary Pillars should be changed to concrete poles and the number of the boundary pillars as given in the approved Mine Plan and coordinates should be marked in paint before the onset of mining. The photograph of the all the Boundary Pillars should be submitted along with the documents regarding the publicity of EC and other mandatory documents to be produced before SEIAA as per General Condition.

5. The proponent should maintain distance criteria as per existing norms from the nearby houses and other built structures such as the Inchappara- Athirunkal road to the boundary of overburden dumpsite and the boundary of the project site, as assured in the affidavit.

6. The proponent should comply with all the assurances given during the Public Consultation process as assured in the affidavit.

7. A proper retaining wall/ gabion wall should be constructed to prevent topsoil and overburden runoff during rains.

8. A check dam should be constructed for storage of water and recharge of low-lying areas. The structures should be constructed as per the existing distance norms.
9. The garland canal, silt traps, siltation ponds and outflow channel should be desilted and cleaned periodically and geotagged photographs of the same should be submitted along with Half-Yearly Compliance Report.

10. The turbidity of outflowing water along with other parameters as per the environmental monitoring plan should be monitored during different seasons and included in the Half-Yearly Compliance Report.

11. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for a maximum charge per delay and included in the Half Yearly Compliance Report.

12. The buffer zone should be enriched with more indigenous plants as specified in the biodiversity assessment report. The same plants should be used for the compensatory afforestation and green belt development. Details of indigenous trees planted during the first three months from the date of issuance of EC should be submitted along with a plan for the remaining period.

13. Transportation of mined material should not be done during the peak hours in the forenoon (8.30am to 10.30am) and afternoon (3.30pm to 5 pm). As there are working quarries adjacent to the proposed project site, the time of blasting must be scheduled in such a way that it will not cause any damage/disturbance to the life and property in the nearby area. To this effect, an agreement with the owners of the present working quarries adjacent to proposed project, must be signed to streamline the blasting and transportation.

14. Mining activities including loading of mined materials should not be carried out between sun set and sunrise.

15. The natural canals including Erattathodu flowing through the adjacent areas should be properly protected and maintained.

16. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be
implemented in consultation with local self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

17. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

18. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon’ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

19. 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 Granite Building Stone Quarry for an area for an area of 4.8556 Ha in Re-Survey No. 341/6 (pt) in Koodal Village, Konni Taluk, Pathanamthitta District, Kerala of Sri. Rajesh Kumar Jha, Chief Executive Officer & Authorized Signatory, M/s. Adani Vizhinjam Port Pvt Ltd, 2nd Floor, Vipanchika Tower, Thycoud, Thiruvananthapuram District – 695014, for the quantity mentioned in the approved Mining Plan, for 5 years from the date of execution of valid lease / permit from the Mining & Geology Department, 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, PFR and Mining plan submitted to SEIAA. The assurances and clarifications
given by the proponent will be deemed to be a part of this Proceedings as if incorporated herein. Also the General Conditions for projects stipulated for mining (items 1 to 57), 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 the mining features including Progressive Mine Closure Plan as submitted with the application. The above undertakings and the conditions and the undertakings in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) of the Mining Plan as submitted will be deemed to be part of this Proceedings as conditions as undertaken by the proponent, as if incorporated herein.

6. Validity of the Environmental Clearance will be for a period of Five (5) years from the date of execution of the mining lease/permit from the Mining & Geology Department as per SO 1807(E) dated 12.04.2022 of MoEF & CC, subject to inspection by SEIAA on annual basis and compliance of the conditions, subject to earlier review of EC in case of violation or non-compliance of conditions or genuine complaints from residents within the security area of the quarry.

7. Compliance of 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 District Collector, Pathanamthitta

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 and the website of the Project Proponent. The HYCR with the name of the project, EC No and date & the period of submission should be sent to the Regional Office of MoEF & CC & to SEIAA by email only at email ID rosz.bng-mefcc@gov.in & seacseiaakerala@gmail.com, respectively. Hardecopy of HYCRs shall not be acceptable.

9. The given address for correspondence with the authorised signatory of the project is
GENERAL CONDITIONS

1. The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.

2. All the statutory clearances should be obtained, as applicable, by the project proponent from the respective competent authorities including that for blasting and storage of explosives. Copies of all statutory clearances shall be submitted along with First Half Yearly Compliance Report.

3. The project proponent should advertise in news papers 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.

4. The proponent shall send a copy of the EC to concerned Grama Panchayat/District Panchayat/Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.

5. The lease area shall be fenced with barbed wire to a minimum height of 4ft around, before starting mining. All the boundary indicators (boards, markings, etc) shall be conspicuous and maintained at all times.

6. The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of
Times New Roman font size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.

7. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department. Mats to reduce fly rock blasts to a maximum of 10 PPV should be provided.

8. Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged stipulated by Explosive Department.

9. Access roads to the quarry shall be black topped to contain dust emissions that may arise during transportation of materials. The transportation of minerals should be done in covered trucks to contain dust emissions.

10. A separate Environmental Management Cell (EMC) with suitable qualified personnel should be set-up under the chairmanship of a Senior Executive, who will report directly to the Head of the Organization. The Cell should have representative of Biodiversity Management Committee of the Panchayath and a representative of NCO, if any active in the area. The EMC should meet at least once in six months and review the activities and minutes should be a part of the compliance report.

11. Quarrying has to be carried out as per approved mining plan with the suggestions from SEAC incorporated and following KMMC rules 2015 and the Amendments thereby.

12. The quarrying operation shall be restricted between 7 AM and 5PM

13. Rain Water Harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.

14. Maximum depth of mining shall be as per the mining plan and as per specific direction of SEAC after field inspection. The maximum depth of mining should not be deeper than the local ground water table. No mining operations should be carried out at places having a slope greater than 45°.

15. The height of any bench shall not exceed five meters and breadth shall not be less than the height.
16. The Project proponent shall ensure that no perennial or intermittent natural water course and/or water resources are obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.

17. A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.

18. The proponent should plant seedlings at least 5 times of the loss of trees that has occurred while clearing the land for the project and follow planting measures as suggested by SEAC. Suitable avenue trees should be planted along the sides of the approach road and internal roads and open parking areas, if any. Preference should be given to endemic native and fruit bearing species. Planting in buffer areas should be taken up beforehand. Proper upkeep and maintenance of planted seedlings shall be ensured by the project proponent.

19. The proponent should ensure that the vegetation in the buffer is retained, maintained and strengthened with additions of native broad leaved plants.

20. Eco-restoration including the closure of mine as per the progressive closure plan and final closure plan shall be done at the cost of the project proponent. This eco-restoration should follow scientific standards available for restoration, full recovery of the original vegetation and improving the resilience of different ecosystems. Overburden materials should be managed within the site and used for reclamation of mined pit as per mine closure plan / specific conditions.

21. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with suitable indigenous plant species, if no other specific condition on reclamation of pit is stipulated in the E.C. Monitoring and management of rehabilitated areas should continue until the
vegetation becomes self-sustaining.

22. Control measures on noise and vibration prescribed by KSPCB should be implemented. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.

23. Periodical monitoring of the vibration at specified location (preferably at a distance of 50 m and 100 m) to be conducted and records kept for inspection. This could also form a part of the compliance reports.

24. Speed of trucks entering or leaving the mine site is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.

25. Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standard limit indicated by CPCB/KSPCB.

26. Blasting should be done in a controlled manner using NONEL technique as specified by the regulations of Petroleum and explosive safety organization (GOI) or any other concerned authorized agency. A licensed person should supervise/control the blasting operations.

27. Measures should be taken for maintaining noise levels below 85 dBA in the work environment.

28. Project proponent should obtain necessary prior permission of the competent authorities for drawing requisite quantity of surface water and ground water for the project.

29. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nullahs flowing in and around the mine lease area shall be carried out and reported in the six monthly compliance reports to SEIAA.

30. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps, to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, and for green belt development etc. The drains shall be regularly desilted and maintained properly, particularly after monsoon.
31. Regular monitoring of ground water level and quality shall be carried out around the mine area during mining operation. If any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.

32. Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.

33. In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which the E.C was issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority. In the case of transfer of ECs, the matter shall be intimated and get the approval from the Authority as per the existing norms.

34. The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including 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.

35. The top soil, if any, shall be temporarily stored at earmarked place (s) and used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained at 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. At critical points, use of geo textile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.

36. All the mining equipment used in Mining like backhoe loaders and
excavators cause pollution and hence shall be serviced regularly & maintained for their efficient functioning and for reducing pollution. Disposal of spent oil from diesel engines should be as specified under relevant Rules/ Regulations.

37. All vehicles used for transportation and within the mines shall have ‘PUC’ certificate from authorized pollution checking centre. Washing of all vehicles shall be inside the lease area.

38. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution such as haul road, loading and unloading points and transfer points and having high levels of PM$_{10}$ and PM$_{2.5}$. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.

39. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement at project site, parking area, on haul roads, loading and unloading and at transport points should be provided and properly maintained.

40. Corporate Environmental Responsibilities (CER) as prescribed by SEIAA/SEAC should be carried out leading to Environmental stability of the Project region. The activities carried out under CER should be a part of the half yearly compliance report. The certificates from the beneficiaries, if the CER part is completed should also be submitted to the State Environment Impact Assessment Authority (SEIAA) along with year wise expenditure.

41. The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying / Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.

42. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.

43. Occupational health surveillance program of the workers should be
undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. The report of health surveillance programme should be included in the half yearly compliance reports.

44. The pits in the abandoned quarries and in the mined area shall be used for activities like water harvesting, aqua culture etc. in an eco friendly manner.

45. If Government land is partly or fully used for mining, the area shall be returned at the end of lease period after mine closure with separate demarcation with suitable survey marks.

46. Any accident occurring in the mined out area after the lease period due to negligence in carrying out safety measures and non-closure, will lead to suspension of all EC obtained for mining by the Proponent.

47. In case of transfer of EC the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.

48. The proponent shall submit Half Yearly Compliance Reports (1st of June & 1st of December) 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 status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall be simultaneously sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority (SEIAA). The proponent has to submit Environmental statement in form V of Environment (Protection) Rules 1986 to SPCB on 31st March every year.

49. The project authorities should extend full cooperation to the officer(s) from the Regional Office of MOEF & CC located at Bangalore/SEAC/SPCB/CPCB/dept of Mining and Geology, while monitoring compliance of the stipulated conditions, by furnishing the requisite data/information/monitoring reports.

50. The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
51. 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.

52. The EC given will be withdrawn at any time if the area is declared high hazardous by the SDMA.

53. The Environmental Clearance will be subject to the final order of the courts on any pending litigation related to the land or project, in any court of law.

54. 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.

55. Concealing the 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 Environment (Protection) Act, 1986.

56. The SEIAA may revoke or suspend the order, for non implementation of any of the specific or any of the above conditions. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.

57. As per regulation no. 106(2) of metalliferous mines regulation under Mine act, the height of any bench shall not exceed six meters and breadth shall not be less than the height.

Sd/-

Administrator, SEIAA
For Member Secretary, SEIAA

To,
Sri. Rajesh Kumar Jha,
Chief Executive Officer & Authorized Signatory,
M/s. Adani Vizhinjam Port Pvt Ltd,
2nd Floor, Vipanchika Tower,
Thycaud, Thiruvananthapuram District – 695014
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, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
4. The District Collector,Pathanamthitta
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, Kerala State Pollution Control Board
7. The District Geologist, Pathanamthitta
8. The Tahsildhar, Konni Taluk, Pathanamthitta District
9. The Secretary, Kalanjoor Panchayath, Pathanamthitta
10. The Chairman, SEIAA.
11. Website.
12. S/f
13. O/c
Annexure 2
Ref: AVPPL/SEIAA/2022-23/2116

Date: 16th September 2022

To,
The Secretary,
Kalanjoor Grama Panchayat Office,
Opposite Mahadeva Temple,
Kalanjoor P.O.
Pathanamthitta, Kerala - 689694

Subject: Environment Clearance (EC) for Granite Building Stone Quarry Project in Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala State - Reg.

Reference: EC No. 88/Q/2022 dated 02.08.2022

Dear Sir/Madam,

As per the EC obtained from State Environment Assessment Authority (SEIAA), Kerala vide reference above, The proponent shall send a copy of the EC to concerned Grama Panchayat/District Panchayat/Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.

Therefore, we are herewith enclosing a copy of the EC for your reference and records. A copy of the EC is available with the SEIAA office and it is available on the website of the Authority at www.seiaakerala.in and on the website www.pariyesh.nic.in. The copy of EC is also uploaded to our company website: https://www.adaniports.com/Downloads.

You are requested to kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely
Sunit Kumar Ayyappan
AGM-Projects

Encl: As Stated Above