



File No: 2370/EC1/2023/SEIAA
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), KERALA)



Date **11/07/2024**



To,

Sri. Umasankar A
AIRPORTS AUTHORITY OF INDIA
3rd Floor, Metro Building, Chennai Airport Project, Calicut Airport Project, Meenambakkam , Karipur,
Malappuram, Kerala, 673647
asankar@aai.aero

Subject: Grant of Pre-embedded prior Environmental Clearance (EC) to the Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities at Calicut Airport under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/KL/INFRA2/468530/2024 dated 27/04/2024 for grant of Pre-embedded prior Environmental Clearance (EC) to the proposed Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities at Calicut Airport under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B2903KL5842954N
(ii) File No.	2370/EC1/2023/SEIAA
(iii) Clearance Type	Fresh Pre-embedded EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	7(a) Airports, 1(a) Mining of Minerals Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities at Calicut Airport by Airports Authority of India at Sy Nos: 170/8, 170/9, 170/10, 170/11, 170/17, 177/9, 177/10, 177/13, 177/14, 177/15, 177/16, 177/17, 177/18, 178/7, 178/16 in Pallikkal Village and Sy Nos: 70/29, 71/22, 69/1, 69/2, 69/12, 69/13, 69/14, 63/1, 63/6, 63/7, 63/27, 63/28, 63/29, 63/30, 63/31, 64/1, 64/2, 64/3, 64/10, 64/33, 65/3, 67/8, 67/9, 67/10, 68/1, 63/8, 63/11,
(vii) Name of Project	

	63/17, 63/19, 63/21, 63/23, 65/13 in Nediyruppu Village, Kondotty Taluk, Malappuram.
(viii) Name of Company/Organization	AIRPORTS AUTHORITY OF INDIA
(ix) Location of Project (District, State)	Malappuram, Kerala
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. In view of the particulars given in the Para 1 above, the project proposal, interalia including Form-1 (Parts A, B and C)/ EIA & EMP Reports was submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA Notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on 28th and 29th June 2024. The authority noted that the SEAC had appraised the project based on documents obtained from the project proponent, the EIA Report and the field inspection report containing the identified mine sites for OE removal (the list is annexed). Also SEAC had recommended EC for 10 years. In this circumstance, the Authority decided to accept the recommendation of SEAC and to issue Pre-embedded Prior Environmental Clearance for the Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities of Calicut Airport, for a period 10 years under Category 7(a) "Airports" and Category 1(a) "Mining of Minerals". The EC holder shall transfer the EC to a new user agency identified by the EC holder for the extraction of the ordinary earth as per provisions Clause 11 of EIA Notification 2006. The mining of ordinary earth site details are attached. All the EC holders shall extract the Ordinary Earth by strict compliance with all the guidelines in the OM dated 24.6.2013, subject to the following Specific Condition in addition to the General Conditions. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in Form-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEIAA are part of this EC.
6. The SEIAA, in its meeting held on 28th and 29th June 2024, based on the information submitted, viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent, and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Pre-embedded Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority (SEIAA) Appraisal Committee hereby accords Pre-embedded Environment Clearance to the instant proposal of M/s. Umasankar A under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. 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 of the Mining Plan in (Mining), (Blasting), (Mines Drainage), (Stacking of Mineral rejects and Disposal of waste), (Environment Management Plan) & (Progressive Mine Closure Plan) as submitted will deemed to be part of this Proceedings as conditions as undertaken by the project proponent, as if incorporated herein.
12. Validity of the Environmental Clearance will be initially for **Ten (10) years** subject to the review by SEAC in every five years, or earlier review of EC in case of violation or non – compliance of any of the conditions or genuine complaints from residents. In case the project proponent fails to start the production operations within the EC validity

date, application for EC validity extension shall be submitted to the regulatory authority as per the provision contained in the Para 9.0 of EIA notification, 2006 and its amendment.

13. General Instructions:

- (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
 - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 - (e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - (f) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - (g) Any appeal against this EC 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.
14. Compliance with the conditions herein will be monitored by the State Level 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, Malappuram by the State Level Environment Impact Assessment Authority – Kerala.
15. The Half Yearly Compliance Report (HYCRs) with name of the project, EC No. and date, the period of submission with its contents, compliance report and environmental monitoring data & covering letter have to be uploaded in the Parivesh Portal as per O.M. F.No.IA3-22/1/2022-IA-III(E)-17264 dated 14.06.2022 and on the website of the Project Proponent. Hard copies of HYCRs shall not be acceptable.
16. This issues with the approval of the Competent Authority

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 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, Malappuram
5. The Director, Mining & Geology, Thiruvananthapuram -4.
6. The Member Secretary, KSPCB, Trivandrum
7. The District Town Planner, Malappuram
8. The Environmental Engineer, KSPCB, Malappuram
9. The District Geologist, Malappuram
10. The Tahasildar, Kondotty Taluk, Malappuram
11. The Secretary, Pallickal Grama Panchayat & Kondotty Municipality, Malappuram
12. The Chairman, SEIAA

13. Website.
14. S/f/O/c

Annexure 1

Specific EC Conditions for (Airports)

1. Conditions For Development Of Additional Resa Under Category 7(a) “Airports”

S. No	EC Conditions
1.1	The treated wastewater should be recycled for green belt, cooling system, flushing etc.
1.2	CER activities as proposed should be implemented within the first two years and it should be overseen by the respective District Collectors. An implementation plan for the CER should be submitted along with the first half-yearly compliance report.
1.3	All the recommendations of the EIA and EMP should be complied with in letter and spirit. All the mitigation measures submitted in the EIA report should be prepared in a matrix format and the compliance for each mitigation plan should be submitted along with half yearly compliance report.
1.4	The commitments made during public hearing should be complied with in letter and spirit.
1.5	The solid waste generated should be properly collected, segregated and disposed as per the provision of Solid Waste (Management and Handling) Rules, 2016.
1.6	Installation and operation of DG sets should comply with the guidelines of CPCB.
1.7	Construction spoils, including bituminous material and other hazardous materials, should not be allowed to contaminate watercourses and the dump sites for such material should be secured so that they should not leach into the ground water.
1.8	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the SPCB.
1.9	Noise level should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary should be restricted to the permissible levels to comply with the prevalent regulations.
1.10	Energy conservation measures, wherever possible, should be adopted as per prevalent standard guidelines.
1.11	Clearance shall be obtained from Central Ground Water Board for the ground water draw as applicable.
1.12	The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
1.13	The Project Proponent should make provision for the housing of construction labour with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe

S. No	EC Conditions
	drinking water, medical health care, crèche etc. as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II (I) of GoI, MoEF dt.22.09.2008).
1.14	Occupational health safety measures for the workers should be taken during the construction.
1.15	All vehicles during the construction phase should carry PUC certificate.
1.16	Authority makes it clear that as per clause 8 (vi) of EIA notification 2006, deliberate concealment and/or submission of false or misleading information or data which is material to screening or scoping or appraisal or decision on the application shall make the application liable for rejection and cancellation of prior EC granted on that basis.
1.17	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.
1.18	The project proponent may explore the possibilities of providing solar power / equipment to at least 200 houses built under Government of Kerala Life Mission in Calicut District through ANERT, with the approval of modified CER programmes by SEAC.
1.19	The Project Proponent shall obtain all necessary clearances/licenses/permissions from all the statutory authorities issuing clearances/ licenses/ permission for the construction projects of this nature.

2. Conditions Stipulated For The Extraction Of Ordinary Earth Under Category 1(a) “Mining Of Minerals”

S. No	EC Conditions
2.1	The Project Proponent shall carry out extraction of Ordinary Earth as per the approved Mining Plan and the Specific Conditions mentioned hereafter. The Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.
2.2	The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the permit / lease order should be provided to the SEIAA before commencing the mining activity.
2.3	The mining should be restricted to a maximum depth of 2 m below ground level, subject to limiting the depth 1 m above the lithomarge.
2.4	Proper benches should be provided to avoid any landslip.

S. No	EC Conditions
2.5	The excavation activity should not involve blasting.
2.6	The excavation activity should be restricted to 2m above the groundwater table at the site.
2.7	The excavation activity should not alter the natural drainage pattern of the area.
2.8	The excavated pit should be restored by the Project Proponent for agriculture and other useful purposes.
2.9	Appropriate fencing all around the excavated pit should be made to prevent any mishap.
2.10	Measures should be taken to prevent dust emissions by covering excavated earth during transportation.
2.11	Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to the excavation of earth.
2.12	Workers/laborers should be provided with facilities for drinking water and sanitation.
2.13	A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of the proposed excavation.
2.14	A minimum distance of 50m from any civil structure should be kept from the periphery of the project area.
2.15	No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.
2.16	The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.
2.17	The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.
2.18	Measures incorporated in the CER should be implemented within 6 months from the date of EC.
2.19	Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5.00 pm).
2.20	As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent should implement the Environment Management Plan (EMP)/CER as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, from the beginning of the project, indicating both physical and financial targets year wise. The EMP/CER shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP/CER shall be made available to the concerned Panchayat for information and implementation support. The indicated cost for implementation of CER activities shall be 2% of the project cost.
2.21	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

S. No	EC Conditions
	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.
2.22	The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Standard EC Conditions for (Airports)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
1.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.5	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
1.6	Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install system to carryout Ambient Air Quality monitoring for

S. No	EC Conditions
	common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the airport area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.
2.2	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
2.3	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
2.4	Soil and other construction materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet
2.5	The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
2.6	Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.
2.7	The soil/construction materials carried by the vehicle should be covered by impervious sheeting to ensure that the dusty materials do not leak from the vehicle.

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	Run off from chemicals and other contaminants from aircraft maintenance and other areas within the airport shall be suitably contained and treated before disposal. A spillage and contaminant containment plan shall be drawn up and implemented to the satisfaction of the State Pollution Control Board.
3.2	Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.
3.3	The runoff from paved structures like Runways, Taxiways, can be routed through drains to oil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures.

S. No	EC Conditions
3.4	Storm water drains are to be built for discharging storm water from the air-field to avoid flooding/water logging in project area. Domestic and industrial waste water shall not be allowed to be discharged into storm water drains.
3.5	Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.
3.6	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
3.7	Sewage Treatment Plant shall be provided to treat the wastewater generated from airport. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression
3.8	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
3.9	A detailed drainage plan for rain water shall be drawn up and implemented.

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
4.2	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment's.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
4.4	During airport operation period, noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
4.5	Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.

5. Energy Conservation Measures

S. No	EC Conditions
5.1	Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

6. Waste Management

S. No	EC Conditions
6.1	Soil stockpile shall be managed in such a manner that dust emission and sediment runoff are minimized. Ensure that soil stockpiles are designed with no slope greater than 2:1 (horizontal/vertical).
6.2	The project activity shall conform to the Fly Ash notification issued under the E.P. Act of 1986.
6.3	Solid inert waste found on construction sites consists of building rubble, demolition material, concrete; bricks, timber, plastic, glass, metals, bitumen etc shall be reused/recycled or disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Management Rules, 2016.
6.4	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
6.5	The project proponents shall implement a management plan duly approved by the State Pollution Control Board and obtain its permissions for the safe handling and disposal of: a. Trash collected in flight and disposed at the airport including segregation, collection and disposed. b. Toilet wastes and sewage collected from aircrafts and disposed at the Airport. c. Wastes arising out of maintenance and workshops d. Wastes arising out of eateries and shops situated inside the airport complex. e. Hazardous and other wastes
6.6	The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016. Recycling of wastes such as paper, glass (produced from terminals and aircraft caterers), metal (at aircraft maintenance site), plastics (from aircrafts, terminals and offices), wood, waste oil and solvents (from maintenance and engineering operations), kitchen wastes and vegetable oils (from caterers) shall be carried out. Solid wastes shall be disposed in accordance to the Solid Waste Management Rules, 2016 as amended.
6.7	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
6.8	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Belt

S. No	EC Conditions
7.1	Green belt shall be developed in area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the Air Port.

8.

S. No	EC Conditions
8.1	Top soil shall be separately stored and used in the development of green belt.

9. Public Hearing And Human Health Issues

S. No	EC Conditions
9.1	Construction site should be adequately barricaded before the construction begins.
9.2	Traffic congestion near the entry and exit points from the roads adjoining the airport shall be avoided. Parking should be fully internalized and no public space should be utilized.
9.3	Provision of Electro-mechanical doors for toilets meant for disabled passengers. Children nursing/feeding room to be located conveniently near arrival and departure gates.
9.4	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
9.5	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
9.6	Occupational health surveillance of the workers shall be done on a regular basis.

10. Miscellaneous

S. No	EC Conditions
10.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
10.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
10.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
10.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
10.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

S. No	EC Conditions
10.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
10.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
10.8	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
10.9	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
10.10	The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
10.11	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10.12	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
10.13	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10.14	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10.15	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
10.16	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
10.17	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
10.18	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
10.19	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the

S. No	EC Conditions
	Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.
10.20	Any appeal against this EC 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.

11. Specific Conditions

S. No	EC Conditions
11.1	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.

Additional EC Conditions

N/A

Annexure 2

Details of the Project

S. No.	Particulars	Details								
a.	Details of the Project	Development of additional RESA on either end on Runway 10-28 and relocation and augmentation of CNS facilities at Calicut Airport by Airports Authority of India at Sy Nos: 170/8, 170/9, 170/10, 170/11, 170/17, 177/9, 177/10, 177/13, 177/14, 177/15, 177/16, 177/17, 177/18, 178/7, 178/16 in Pallikkal Village and Sy Nos: 70/29, 71/22, 69/1, 69/2, 69/12, 69/13, 69/14, 63/1, 63/6, 63/7, 63/27, 63/28.63/29, 63/30, 63/31, 64/1, 64/2, 64/3, 64/10, 64/33, 65/3, 67/8, 67/9, 67/10, 68/1, 63/8, 63/11, 63/17, 63/19, 63/21, 63/23, 65/13 in Nediyruppu Village, Kondotty Taluk, Malappuram.								
b.	Latitude and Longitude of the project site	11.13132408547092,75.939795505643 11.14112978895367,75.9772202014929								
c.	Land Requirement (in Ha) of the project or activity	<table><tr><th>Nature of Land involved</th><th>Area in Ha</th></tr><tr><td>Non-Forest Land (A)</td><td>155.84</td></tr><tr><td>Forest Land (B)</td><td>0</td></tr><tr><td>Total Land (A+B)</td><td>155.84</td></tr></table>	Nature of Land involved	Area in Ha	Non-Forest Land (A)	155.84	Forest Land (B)	0	Total Land (A+B)	155.84
		Nature of Land involved	Area in Ha							
		Non-Forest Land (A)	155.84							
		Forest Land (B)	0							
Total Land (A+B)	155.84									
d.	Date of Public	Public consultation for the project was held on 2024-03-12								

S. No.	Particulars	Details
	Consultation	
e.	Rehabilitation and Resettlement (R&R) involvement	No
f.	Project Cost (in lacs)	48400 Lakh
g.	EMP Cost (in lacs)	248 Lakh
h.	Employment Details	

Details of Products & By-products

Name of the product /By-product	Product / By-product	Existing	Proposed	Total	Unit	Mode of Transport / Transmission
Development of additional RESA along with allied facilities	Product	372.54	12.54	385.08000000000004	acres of land	NA

1) EMP Details

Sl. No.	Particulars	Capital Cost (in Lakh)	Recurring Cost (in Lakh)
1	Environmental Monitoring	-	10.00
2	Storm water drains	40.00	3.00
3	Green Belt Development and Compensatory afforestation	20.00	5.00
4	Eco restoration of mined out sites	150.00	20.00
	Total	210.00	38.00
Grand Total		R.248.00 Lakh	

2) CER Details

Sl.No.	Details	Total (in Rs.)
1	<ul style="list-style-type: none"> A vehicle to DVC unit Malappuram for control of insect disease epidemics. Purchase of new Blood Transport Van for Blood Centre, Nilambur. Product development & training center, Govt.Women's Polytechnic College, Kottakkal Purchase of computers and Interlocking of courtyard of school. Infrastructure development of G.M.L.P School,Karippur Storm water drainage system in ward 10 of Pallikkal Panchayath Setting up an old age home (Pinarayi Elders's Paradise , Model Senior Citizen Village,Kannur 	10,00,00,000/-
	Recurring Cost	15,00000.00
	Total	Rs. 10,15,00,000/-
<p>NB: As per the specific condition No. (i)18, the project proponent has to explore the possibilities of providing solar power / equipment to at least 200 houses built under Government of Kerala Life Mission in Calicut District through ANERT, with the approval of modified CER programmes by SEAC.</p>		

Identified mine sites for sourcing Ordinary Earth (OE)

S. No	Name	Village	Re Sy. No.	Area in Ha.	Approx Qty. in cum	Cluster No.	Cluster Area in Ha.
1	Muhammed	Cheekkcode	32/6	0.172	42484	2	1.8098
2	Muhammed K and Moideen KV	Cheekkcode	1/1 pt	0.5336	131799.2	2	
3	Mohan P G Shanmugadas Thayyil	Cheekkcode	1/9, 1/10, 1/11 pt	0.3172	78348.4	2	
4	Abdul Kareem, Shaneesh gafoor	Cheekkcode	1/9-1, 1-11-2	0.169	41668.9	2	
5	Muhammed Mustafa	Cheekkcode	44/9-1	0.6180	152314	2	
6	Mrs. Khadeeja, Hasina, Hafeefa, Ajeena, Salih, Feroz	Pookoluthur	44/10	0.4305	163288	22	0.4305
7	Jayarajan P	Muthuvalloor	44/3	0.4047	99960.9	10	2.3507
8	Ali T.	Muthuvalloor	138/1-15	0.1020	41363	10	
9	Abdul Salam	Muthuvalloor	307/17-1, 307/17, 263/1, 263/2	0.8015	197302	10	
10	Krishnan	Muthuvalloor	44	0.85	209703	10	
11	Amed C	Muthuvalloor	307/17-2	0.0905	33487	10	
12	Moosa Kutty, Ms. Nafeesa	Muthuvalloor	133/3, 139/2	0.1020	40388	10	
13	Bushra	Pookottur	156/6-1	0.22	54340	18	0.22
14	Abdul Latheef Raseena	Cheekcode	1/2, 1/3, 1/12	0.3116	76965.2	3	0.5896
15	Ameena C.V.	Cheekcode	48/5-9	0.2780	63888	3	
16	Aboobacker Siddique	Vazhakkad	105/9	0.589	145483	4	1.572
17	Muhammed Koya	Vazhakkad	93/3, 93/3-4	0.983	220108	4	
18	Shoukathali	Cheekkcode	45/3-13, 45/3-4	0.641	158327	3	0.641
19	Shahla Banu	Pulpata	64/5	0.3074	75927.8	16	2.6
20	Abdul Salam	Pulpata	64/5, 64/5/3	0.3481	85980.7	16	
21	Alavi Haji, Khadeeja	Pulpata	444/10	0.4740	117078	16	
22	Sabir, Haseeba	Pulpata	108/9-4, 141/5, 98/7	0.77	190190	16	
23	Khadeesa	Pulpata	69/7	0.3982	98355.4	16	
24	Mashbooba	Pulpata	78/6-6	0.0587	14498.9	16	
25	Abdul Nazar MC	Pulpatta	78/6-4, 73/11-6	0.074844	18486.5	16	

26	Sameena K	Pulpatta	78/6-1	0.0769	18994.3	16	
27	Sharafunneesa	Pulpatta	78/6-2	0.0647	15980.9	16	
28	Abdulla Koya	Vazhakkad	430 old survey	0.1800	44460	4	0.9964
				0.1092	26972.4		
29	Abdulla Koya	Vazhakkad	429/5, 429/8	0.0156	3853.2	4	
				0.062	15314		
30	Nuhmanul Haqu	Vazhakkad	93/12/3 Pt	0.067	16549	4	
31	Abu	Cheruvayoor	93/12-11, 93/12-10, 93/12-9, 93/12-3	0.2626	64861.70	4	
32	Muhammad Kutty	Cheruvallloor	490/1-1	0.1854	45793.8	4	
33	Rahima	Cheruvallloor	490/1	0.1146	28306.2	4	4.2216
34	Chandran	Muthuvalloor	28/13-2-2	0.174	42978	11	
35	Mustafa	Muthuvalloor	29/3, 45/8-3, 29-6	0.983	242801	11	
36	Shafeek	Muthuvalloor	30-07-2002	0.074	18278	11	
37	Veeran	Muthuvalloor	36/6-8	0.0813	20081.1	11	
38	Said Alvi	Vazhakad	51/13	0.1598	39470.6	11	
39	Assainar	Muthuvalloor	36/7-2	0.0211	5211.7	11	
40	Alavi	Muthuvalloor	28/19/1	0.1089	26898.3	11	
41	Lijeesh, Sajani	Muthuvalloor	28/13/2	0.0931	22995.7	11	
42	Chandran	Muthuvalloor	28/13/2	0.174	42978	11	
43	Ahammed Kutty	Muthuvalloor	36/9-3	0.0636	15709.2	11	
44	Ahammed Kutty K	Muthuvallur	36/9-2	0.636	15709.2	11	
45	Veeran	Vilayil	30	0.1176 1.0724 0.1176	29047.2 264882.8 29047.2	11	
46	Jasmal	Pulikkal Vazhakad	78/6-3	0.0587	14498.9	11	
47	Mohammad Haji	Mundakkal	26/8, 30/2-2	0.2865	70767.97	11	
48	Kunji Muhammed	Cherukavu	163/8	0.587	144989	8	0.7287
49	Kunji Muhammed	Cherukavu	163/3	0.1417	34999.9	8	
50	Rafeeque Afsal,	Pulikkal	30/1pt, 2/1, 2/2, 1/5	1.3534	334289.8	7	1.7137
	Abdul Kalam Azad, Rasheeda, Saleena	Vazhakad	51/13pt, 71/1, 71/2, 71/3	0.3603	88994.1		
51	Hafsath	Muthuvalloor	137/11/2	0.0511	8892	11	0.1991
52	Hafsath	Omanoor	48/5	0.0268	6617.13	5	
53	Ayisha Kutty	Omanoor	48/14-1	0.0405	10003.5	5	
54	Moosakkutty	Muthuvalloor	138/1-15	0.1020	18475.6	12	

55	Muhammed T.	Muthuvalloor	138/1-9	0.0640	79040	12	0.7471
56	Sayd Hameed	Muthuvalloor	84/1	0.3523	87018.1	12	
57	Mohanadasan	Vilayil	173, 173pt	0.4614 0.0347	113965.8 8570.9	13	0.4961
58	Muhammed Salim	Cheekkode	48/55	0.2670	46757.1	9	0.5147
59	Pottammal Methal Anees	Vazhakkad	335/2/4, 336/8/4, 335/2/5	0.4047 0.1449 0.1012	99960.9 35790.3 24996.4	1	0.6508
60	AlaviKuty	Kuzhimanna	225/1-3, 225/1/1-2	0.1482 0.6125	36605.4 151287.5	15	1.267
61	Unni Muhammed	Kuzhimanna	225/1/3, 225/1/1-2	0.1028 0.0283	25391.6 6990.1	15	
62	Mariyumma	Kuzhimanna	225/1/3, 225/1-2	0.0587 0.0222	14498.9 5483.4	15	
63	Muhammed	Kuzhimanna	225/1-3	0.1081	26700.7	15	
64	Pathumma	Kuzhimanna	225/1-3, 225/1/2	0.0597 0.0243	14745.9 6002.1	15	
65	Sanjeed	Morayur	268/1-3-1	0.4047	99960.9	19	1.5311
66	Rayeen	Morayur	273/1-5	0.084	20748	19	
67	Sanjeed	Morayur	268/1-5	0.4047	99960.9	19	
68	Abubaqar	Morayur	268/1-3	0.4047	99960.9	19	
69	Hamsa	Morayur	273/11, 273/6	0.029 0.204	7163 50388	19	
70	Jamsheera	Kakkad	41/1733	0.3776	93267.2	21	0.3776
71	Saithalavi Sirajudheen NoushadNoufah	Kondotty	205/6	0.2012	49696.4	20	0.5162
	Saithalavi Sirajudheen	Kondotty	205/15-2	0.045	11115		
72	Noushad Aboobacker Shiniyas	Kondotty	205/6	0.045	11115	20	
73	Saithalvi	Kondotty	205/15-1, 205/16	0.024	5968.8	20	
74	Saithalvi	Kondotty	205/6-2	0.201	49696.4	20	
75	Faseela C	Muthuvallur	158/3-2, 158/3-1	0.1055	26066.9	14	0.1055
TOTAL				21.8805	52,62,839		21.8805