



File No: SIA/7(a)/2492/2023

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), BIHAR)



Date 14/03/2024



To,

MR. C. K. TALUKDAR
DGM (E-C), DARBHANGA AIRPORT, AIRPORTS AUTHORITY OF INDIA
DARBHANGA AIRPORT, AIRPORTS AUTHORITY OF INDIA (AAI), CIRCLE DARBHANGA
SADAR, DIST. - DARBHANGA, BIHAR - 846005
cktalukdar@aai.aero

Subject: Grant of prior Environmental Clearance (EC) to the proposed project 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/BR/INFRA2/463763/2024 dated 22/02/2024 for grant of prior Environmental Clearance (EC) to the proposed project 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.	EC24B2902BR5818419N
(ii) File No.	SIA/7(a)/2492/2023
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	7(a) Airports Proposed development & operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar (Expansion) by Airports Authority of India.
(vii) Name of Project	AIRPORTS AUTHORITY OF INDIA DARBHANGA, BIHAR
(viii) Name of Company/Organization	SEIAA, Bihar
(ix) Location of Project (District, State)	No
(x) Issuing Authority	
(xi) Applicability of General Conditions as per EIA Notification, 2006	

3. 3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1 (Part A, B and

C)/EIA & EMP were submitted to the SEAC, Bihar for an appraisal by the State Level Expert Appraisal Committee (SEAC), Bihar under the provision of EIA notification 2006 and its subsequent amendments.

4. 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 in the SEAC Meeting for EC.

5. The SEAC, Bihar in its meeting held on 23/02/2024, based on 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 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.

6. The above-mentioned proposal has been considered by State Environment Impact Assessment Authority (SEIAA), Bihar in the meeting held on 02/03/2024. The minutes of the meeting and all the Application and documents submitted Form 1 (Part A, B and C), EIA/EMP report etc. are available on PARIVESH portal which can be accessed by scanning the QR Code above.

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 Level Expert Appraisal Committee(SEAC), Bihar hereby accords Environment Clearance to the instant proposal of MR. C. K. TALUKDAR under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions.

8. The SEIAA, Bihar 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. This issues with the approval of the Competent Authority.

Annexure 2

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Proposed development & operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar (Expansion) by Airports Authority of India.	
b.	Latitude and Longitude of the project site	26.18622350105095,85.91599471200522 26.19112834274514,85.92174910795468	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	
		Non-Forest Land (A)	303.514
		Forest Land (B)	0
		Total Land (A+B)	303.514
d.	Date of Public	Public consultation for the project was held on 2024-02-15	

S. No.	Particulars	Details
	Consultation	
e.	Rehabilitation and Resettlement (R&R) involvement	NO
f.	Project Cost (in lacs)	103066
g.	EMP Cost (in lacs)	872
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
Passenger handling capacity	Product	0.83	2.17	3	Million passengers per annum (MPPA)	NA

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, BIHAR

F. No.:- SIA/7(a)/2492/2023

Sub: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA Project "Darbhanga Airport, (Expansion) Airports Authority of India." at Village-Darbhangha Airport, Vasudeopur, District:- Darbhanga, State:- Bihar; by Darbhanga Airport, (Expansion) Airports Authority of India, [Total Area-21.31 Hectare, (52.65 acre)]- Environmental Clearance regarding.

- Reference:-**
1. MoEF&CC ToR Proposal No. - SIA/BR/INFRA2/454001/2023, MoEF&CC EC Proposal No. - SIA/BR/INFRA2/463763/2024 & SEIAA File No.:- SIA/7(a)/2492/2023.
 2. Scrutiny fee submission dated 06-12-2023.
 3. ToR issued date 29-12-2023.
 4. Final EIA submission dated 02-03-2024.
 5. SEAC meeting held on 23-02-2024 (For EC).
 6. SEIAA meeting held on 02-03-2024 (For EC).

Sir,

This has reference to your online application for the above proposal of Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA Project "Darbhanga Airport, (Expansion) Airports Authority of India" at Village-Darbhangha Airport, Vasudeopur, District:- Darbhanga, State:- Bihar; The details of the projects are as follows:-

Sl. No.	Item	Details
1.	Name of the project	Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA Project "Darbhanga Airport, (Expansion) Airports Authority of India." at Village-Darbhangha Airport, Vasudeopur, District:- Darbhanga, State:- Bihar;
2.	S. No. in the Schedule	7 (a)
3.	Type of Project	Airport
4.	Total Plot Area	Area-21.31 Hectare, (52.65 acre)
5.	Description of Infrastructure Developmental works under the Proposed Project	1. Construction of Terminal Building of built up area 56992 sqm. 2. Construction of Utility block of built up area 2230 sqm. 3. Ground Support Equipment (GSE) area 5000 sqm. 4. Construction of Apron for 10 nos. parking for A321 5. Car Parking Area will be 10050 sqm. which includes Car parking for 238 cars, parking for staff for 66 cars and buses

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		parking for 4 buses. 6. Construction of Taxiway which will include 2 link taxiways and 2 apron taxiways 7. Construction of Commercial & retail space (city side) with footprint area of 12,502 sqm. Construction of Fuel station with footprint area of 6570 sqm.
6.	Total Green Belt Area	53,267 sq.m. including open area (25% of total plot area)
7.	Aerodrome elevation	47 m AMSL (154 Feet)
8.	Latitude & Longitude	Latitude: 26° 11'39. 00" N Longitude: 85°54'55. 39" E
9.	Water Demand & Source	Daily total water demand: 1126 KLD Daily Fresh water demand: 597 KLD Daily recycled water demand : 529 KLD Source: Ground Water
10.	Power Requirement	Total Power demand: 2.9 MW Source: State Grid
11.	Power back up source	DG Set 750 KVA x 1 (w) 1750 KVA x 3 no. (2w+1 S) Fuel: HSD
12.	Renewable Source of Energy	Roof Mounted Grid tied Solar Photo Voltaic (PV) Plant: 1000 KW
13.	Waste water generation & management	Waste water generated: 557 KLD Management Treatment in STP of capacity 670 KLD to be developed on modular basis.
14.	Solid Waste generation	Municipal Solid Waste: 2170 kg/day to be segregated & disposed off as per SWM Rules.
15.	Estimated Project Cost	Total Project Cost - ₹ 911.66 Crores

PREMISES OF THE ENVIRONMENTAL CLEARANCE

This Environmental Clearance is being issued on the premises which have been substantiated / described in detail in the format of application along with enclosed affidavits / certificates / undertakings etc. furnished therewith by the project proponent:-

- (i) Information provided, descriptions mentioned are complete, true and actual and no relevant fact has been concealed to obtain Environmental Clearance deceitfully by the project proponent.
- (ii) Environmental Clearance shall be liable to be revoked if furnished information, provided description / Certificates / Affidavits / Undertaking etc. are found false/ concocted at any stage of its validity.

(Signature)

- (iii) Project Proponent shall intimate SEIAA immediately if there is any change in their official address / E-mail / Ph. No / Cell. no etc failing which communication sent to them on old address shall be considered as delivered.
- (iv) This Environmental Clearance is issued without affecting any court order / statutory other institutions as well as relevant other laws enactment by Ministry of Environment, Forest & Climate Change, Government of India, New Delhi.

I. Statutory compliance:

1. The Project Proponent shall obtain Forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
2. The Project Proponent shall obtain clearance from the National Board for Wildlife, if applicable.
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. (incase of the presence of schedule-I species in the study area).
4. 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.
5. 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 Bihar State Pollution Control Board.
6. The Clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained.
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.

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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.

II. Air quality monitoring and preservation

1. The project proponent shall install system to carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x 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. 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.
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.
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.
5. The excavation working area should be sprayed with water after operation so as to maintain the entire surface wet.
6. Excavated materials shall be handled and transported in a manner that they do not cause any problems of air pollution.

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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.

III. Water quality monitoring and preservation:

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.
2. Proper drainage systems, emergency containment in the event of a major spill during monsoon season etc. shall be provided.
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.
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.
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.
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.
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.
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.
9. A detailed drainage plan for rain water shall be drawn up and implemented.

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IV. Noise monitoring and prevention:

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.
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 equipments.
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. 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.
5. Where construction activity is likely to cause noise nuisance to nearby residents, restrict operation hours between 7 am to 6 pm.

V. Energy Conservation measures:

1. Compliance with the Energy Conservation Building Code 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.

VI. Waste Management:

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).
2. The project activity shall conform to the Fly Ash notification issued under the Environment Protection Act of 1986.
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

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disposed off as per Solid Waste Management Rules, 2016 and Construction and Demolition Waste Rules, 2016.

4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
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. 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.
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 Municipal Solid Waste generated from project.
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.

VII. Green Cover:

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.
2. 53,267 m² (25%) of the total plot area shall be kept under green area cover within the project site.

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3. Top soil shall be separately stored and used in the development of green belt.

VIII. Public Hearing and Human Health Issues:

1. Construction site should be adequately barricaded before the construction begins.
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.
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.
4. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis.

IX. Corporate Environment Responsibility:

1. The Project Proponent shall comply with the provisions contained in this Ministry's O.M. vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. 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 shareholders / 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.
3. 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 the head of the organization.

4. 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 SEIAA / Ministry, Regional Office along with the Six-Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Special Condition:

1. The proposed area is covered with shrubs, herbs, and trees all around. The proponent is responsible for maintaining these plants during the project's construction phase.
2. Trees cannot be felled or transferred unless necessary. Where necessary, tree felling must be with prior permission from the concerned regulatory authority.
3. Old trees should be retained based on girth and age criteria set by the Forest Department. Plantations must be kept from species (cut) to species (planted).
4. Native plants must be planted as part of the landscape design. Plantation species must be carefully selected to reduce bird nesting and improve pollution and noise control measures.

X. Miscellaneous:

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.
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.
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.

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.
5. 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.
6. The criteria pollutant levels namely; PM₁₀, PM_{2.5}, SO₂, NO_x (ambient levels) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
7. 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.
8. The Project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. 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. 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) / SEIAA, Bihar.
11. 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.
12. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

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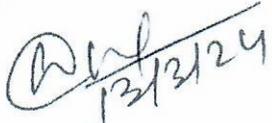
14. The Regional Office of the MoEF&CC, GoI / SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
15. The above conditions shall 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 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 and any other Court of Law relating to the subject matter.
16. Environmental Clearance shall remain valid for a maximum period of 10 years or completion of project whichever is earlier.
17. Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Sd/-

(Abhay Kumar)
Member-Secretary
SEIAA, Bihar

Copy, through email, for information and necessary action to :-

1. The Secretary, Environment, Forest and Climate Change Deptt., Govt. of Bihar, Sinchai Bhawan, Patna - 15.
2. The Member Secretary, Bihar State Pollution Control Board, Patna-23.
3. RO, Regional office, MoEF&CC, 2nd Floor, Headquarter - Jharkhand State Housing Board, Harmu Chowk, Ranchi, Jharkhand - 834002.
4. Guard file.


(Abhay Kumar)
Member Secretary,
SEIAA, Bihar

Signature Not Verified

Digitally Signed by: Shri Abhay Kumar IFS
Member Secretary, SEIAA

Date: 14/03/2024