



F. No. - SIA/7(a)/2492/2023
STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
BIHAR

2nd Floor, Beltran Bhawan
Shastri Nagar
Patna - 800 023
E-mail:- sciasbihar@gmail.com
sciasma.br@gmail.com
Telephone No.:- 0612 - 2281255

Dated:- 29/12/2023

To,

**Dy. General Manager, (E-C),
Darbhanga Airport, Airports Authority of India,
Darbhanga Sadar,
District-Darbhanga, Bihar-846005,
E-mail: ektalukdar@aai.aero,
Mobile No.:- 8638457768.**

Sub:

**Proposed Development & Operation of New Civil Enclave Project
"Darbhanga Airport, (Expansion) Airports Authority of India." at
Village-Darbhanga Airport, Vasudeopur, District:- Darbhanga,
State:- Bihar; by Darbhanga Airport, (Expansion) Airports
Authority of India, [Total Area-21.31 Hectare. (52.65 acre)] – Reg.
Terms of Reference.**

Ref:

1. Online Application - SIA/BR/TNFRA2/454001/2023.
2. Security fee submission dated 07-12-2023.
3. Minutes of the SIAC meeting held on 09-12-2023
4. Minutes of the SI/AA meeting held on 16-12-2023

Sir,

This has reference to the online proposal submitted in the State Level Environment Impact Assessment Authority to prescribe the Terms of Reference (ToR) for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of the EIA Notification, 2006. For this purpose, the proponent had submitted online information in the prescribed format (Form - I) along with a Pre-feasibility Report. The details of the proposal as described in the application are as follows:-

1.	<u>Online Proposal No.</u>	SLA/BR/INTRA2/454001/2023
2.	<u>File No.</u>	SLA/7(a)/2492/2023
3.	<u>Name of the Proposal</u>	Proposed Development & Operation of New Civil Enclave Project 'Darbhanga Airport, (Expansion) Airports Authority of India,' at Village-Darbhanga Airport, Vasudeopur, District:- Darbhanga, State:- Bihar;
4.	<u>Category of the Proposal:</u>	Airport
5.	<u>Project/Activity applied for</u>	7 (a) Airport
6.	<u>Area of the Project</u>	21.31 Ha
7.	<u>Project cost</u>	Rs. 911.66 Crores.
8.	<u>Aerodrome Reference Point (ARP) of Darbhanga Airport (under IAF)</u>	Latitude: 26° 11'39.00" N Longitude: 85°54'55.39" E
9.	<u>Aerodrome elevation</u>	47 m AMSL
10.	<u>Water demand/Waste water generation & management</u>	Total daily water demand: 1.126 KLD Daily fresh water demand: 597 KLD Daily recycle water demand: 529 KLD Waste water generated: 557 KLD Management: Treatment in STP of capacity 670 KLD to be developed on modular basis.

In this regard, under the provisions of the EIA Notification, 2006 as amended, the ToR for the purpose of preparing Environment Impact Assessment report and Environment Management Plan for obtaining prior Environmental Clearance is prescribed as follows:-



A. STANDARD TERMS OF REFERENCE

1. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental angle, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weight age criteria for short-listing selected site.
2. Details of the land use break-up for the proposed project, Details of land use around 10 km radius of the project site. Examine and submit detail of land use around 10 km radius of the project site and map of the project area and 10 km area from boundary of the proposed/existing project area, delineating project areas notified under the wildlife (Protection) Act, 1972/critically polluted areas as identified by the CPCB from time to time/notified eco-sensitive areas/interstate boundaries and international boundaries. Analysis should be made based on latest satellite imagery for land use with raw images.
3. Submit the present land use and permission required for any conversion such as forest, agriculture etc. land acquisition status, rehabilitation of communities/ villages and present status of such activities. Check on flood plain of any river.
4. Examine and submit the water bodies including the seasonal ones within the corridor of impacts along with their status, volumetric capacity, quality likely impacts on them due to the project.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area, any obstruction of the same by the airport.
6. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.
7. Examine the impact of proposed project on the nearest settlements.
8. Examine baseline environmental quality along with projected incremental load due to the proposed project/activities



9. Examine and submit details of levels, quantity required for filling, source of filling material and transportation details etc. Submit details of a comprehensive Risk Assessment and Disaster Management Plan including emergency evacuation during natural and man-made disaster integrating with existing airport.
10. Examine road/rail connectivity to the project site and impact on the existing traffic network due to the proposed project/activities. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
11. Submit details regarding R&R involved in the project.
12. Examine the details of water requirement, use of treated waste water and prepare a water balance chart. Source of water vis-à-vis waste water to be generated along with treatment facilities to be proposed.
13. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water.
14. Examine details of Solid waste generation treatment and its disposal.
15. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
16. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
17. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
18. Examine baseline environmental quality along with projected incremental load due to the proposed project/activities.
19. The air quality monitoring should be carried out as per the notification issued on 16th November, 2009.

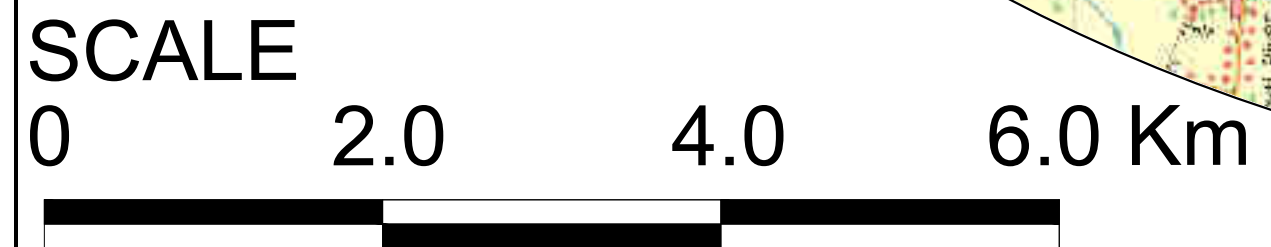
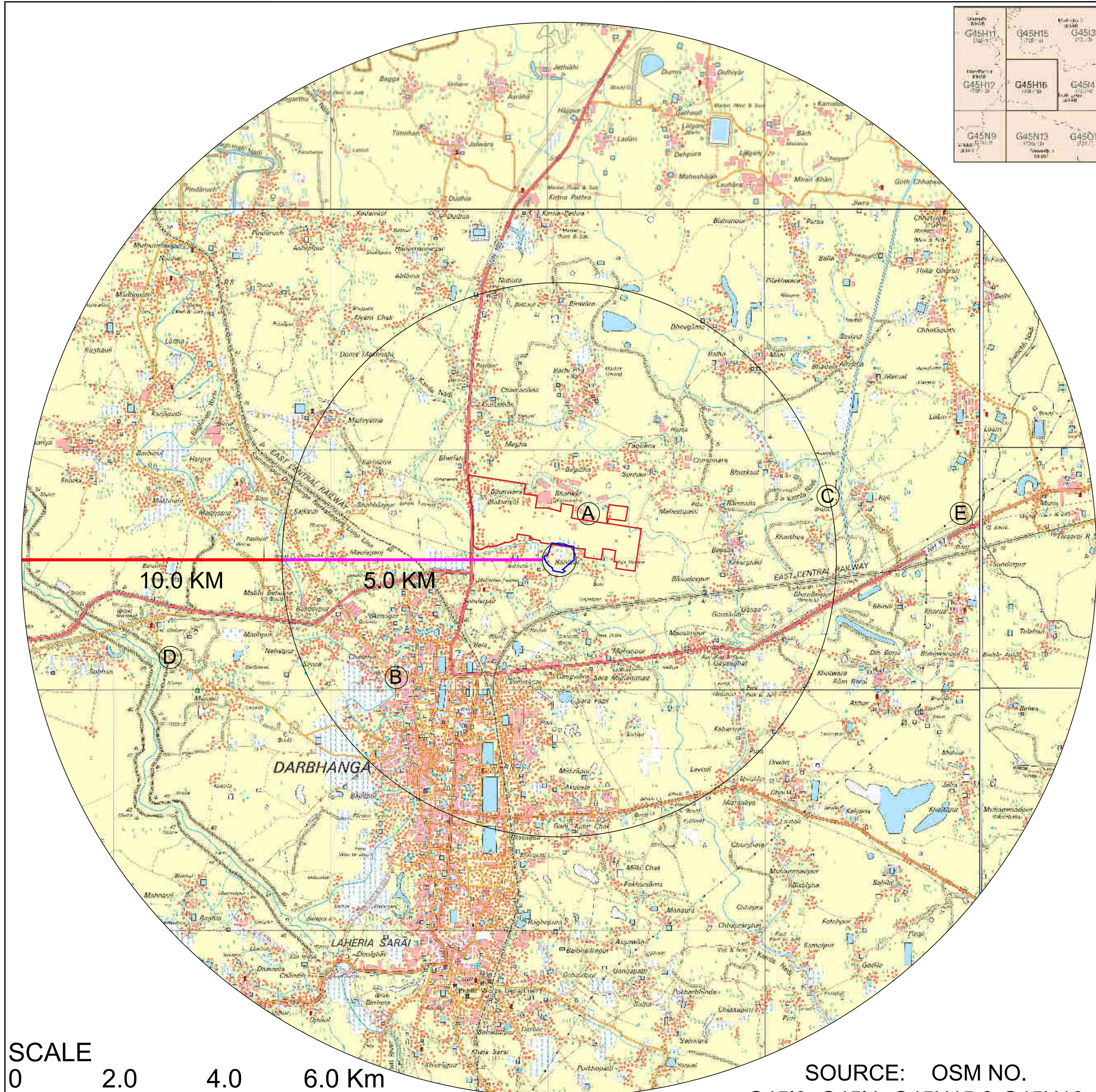
20. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
21. Submit details of corporate social responsibilities (CSR)
22. Submit details of the trees to be cut including their species and whether it also involves any protected or endangered species. Measures taken to reduce the number of the trees to be removed should be explained in detail. Submit the details of compensatory plantation. Explore the possibilities of relocating the existing trees.
23. Examine the details of afforestation measures indicating land and financial outlay. Landscape plan, green belts and open spaces may be described. A thick green belt should be planned all around the nearest settlement to mitigate noise and vibrations. The identification of species/ plants should be made based on the botanical studies.
24. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the TOR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the web-site.
25. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
26. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
27. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

28. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measures, project proponent can refer to the model ToR available on Ministry website "<http://moct.nic.in/Mamlat/Airport/>".

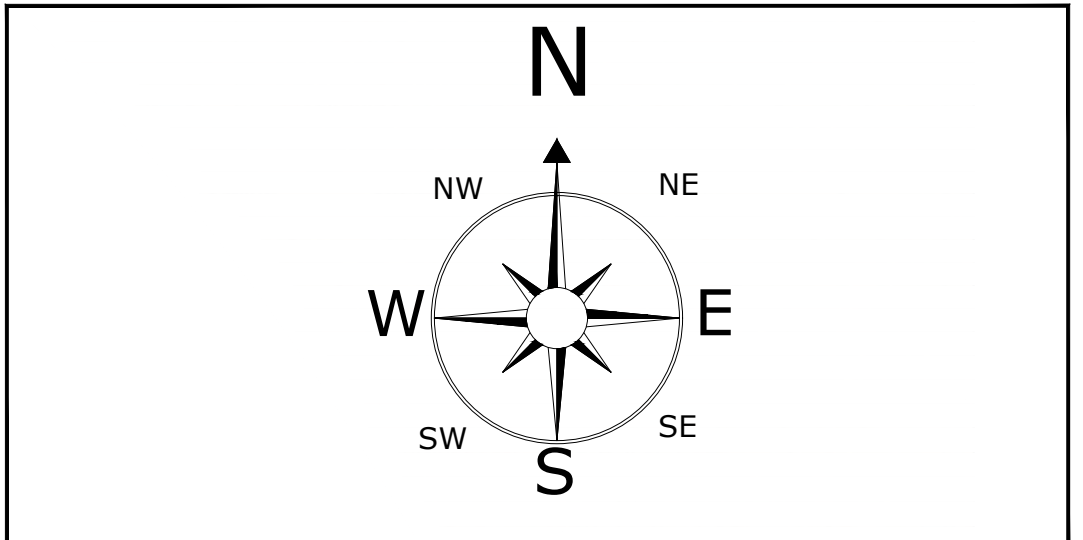
B. Special Conditions

1. Study the drainage behavior at the site and Conduct Contour Survey of the area.
2. Submit the vehicle movement plan.
3. Submit STP/ETP Plan.
4. Submit the chemical and physical properties of soil at the project site.
5. Submit water harvesting plan, hazardous waste management plan.

 29/12/2023
(Sudhir Kumar)
Member Secretary,
SEIAA, Bihar



SOURCE: OSM NO.
G45I3, G45I4, G45H15 & G45H16



Legend	
Project Site	
Airport Boundary	

Particulars	Distance (km)	Direction
Water Bodies		
A. Kamla Nadi	1.0	NE
B. Bagmati River	3.8	WSW
C. Project Brance Canal	5.25	ENE
D. Khiroi Nadi	7.7	WSW
E. Jiwachh Nadi	7.7	ENE

TOPOGRAPHICAL MAP OF 10 KM RADIUS

Project - Proposed development & operation
of New Civil Enclave to facilitate 3.00 MPPA
at Darbhanga Airport, Bihar under
RCS-UDAN scheme of Govt. of India
Address: Darbhanga airport, Village
Vasudepur, District Darbhanga, Bihar

CONVENTIONAL SYMBOLS

Express highway, with toll; with bridge; with distance stone	
Road metalled; according to importance	
Roads double carriageway; according to importance	
Unmetalled road. Cart-track. Peak-track with pass. Foot-path	
Stream; with track in bed; undefined. Canal	
Dams: masonry or rock-filled, earthwork. Weir	
River; dry with water channel; with island & rocks. Tidal river	
Submerged rocks. Shoal. Swamp. Reeds	
Wells: lined, unlined. Tube-well. Spring. Tanks: perennial, dry	
Embankments: road or rail; tanks. Broken ground	
Railways: broad gauge: double, single with station; under constrn	
Railways, other gauges: double; single with distance stone; stop	
Mineral line or tramway, Kilm. Cutting with tunnel	
Cuttings with sub-features. Rocky slopes. Cliffs	
Sand features: (flat, island hills) (permanent), (dryness/shifting)	
Towns or Villages: inhabited, deserted. Fort	
Hills: permanent; temporary. Tower. Antiquities	
Temple, Chhatri, Church, Mosque, Idgah, Tomb, Graves	
Lighthouse. Lightship. Buoy; lighted, unlighted. Anchorage	
Mine. Vine on trellis. Grass. Scrub	
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees	
Areas: cultivated; wooded. Surveyed tree	
Boundaries: international	
state; domestic; undermarked	
district; subdivision, taluk or Sikkim; forest	
Boundary, Pillars: surveyed; unlocated	
Height, triangulated; station; point; approximate	
Bench-mark: geodetic; tertiary; canal	
Post office; Telegraph office. Overhead tank	
Rest house or inspection bungalow, Circuit house, Police station	
Camping ground. Forest: reserved; protected	
Specified names: administrative; locality or tribal	
Hospital, Dispensary; Veterinary; Hospital; Dispensary	
Airport: Helipad, Tourist site	
Power line: with pylons surveyed; with poles unsurveyed	



AIRPORTS AUTHORITY OF INDIA
CIVIL ENCLAVE, DARBHANGA

AUTHORIZATION TO REPRESENT AIRPORTS AUTHORITY OF INDIA REGISTERED OFFICE AT RAJIV GANDHI BHAWAN, SAFDARJUNG AIRPORT, NEW DELHI-110003.

"Certified that Mr. C.K. Talukdar, DGM (E-C) of "AIRPORTS AUTHORITY OF INDIA, DARBHANGA AIRPORT" be and is hereby authorized to sign and execute all agreements, undertakings, applications, returns, papers, receipts, and documents relating to "Proposed development & operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar under RCS-UDAN scheme of Govt. of India" and all other document(s) which require authentication in the name and on behalf of the Company and to do all or any of the acts, deeds, matters and things as may be considered expedient and necessary in the same regard, on behalf of the Company.

RESOLVED further that Mr. C.K. Talukdar, DGM (E-C), of "AIRPORTS AUTHORITY OF INDIA, DARBHANGA AIRPORT" be and is hereby authorized to appear and act on behalf of and represent the Company for "Proposed development & operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar under RCS-UDAN scheme of Govt. of India" before Ministry of Environment, Forest & Climate Change, New Delhi, State Environmental Impact Assessment Authority (SEIAA), Bihar, State Level Expert Appraisal Committee (SEAC), Bihar, Bihar State Pollution Control Board (BSPCB) and similar other authorities and to sign and execute all applications, returns, objections, documents, agreements and papers that may be required for and on behalf of the Company in or in relation to any matter in which it is interested or may be concerned in any way.

For Airports Authority of India, Darbhanga Airport

(NAME) C.K. Talukdar

DESIGNATION DGM (E-C)

Specimen Signature of Authorized signatory

ATTESTED BY:

NAME: Satyyendra Jha

Designation: Airport Director

विमानपत्तन निदेशक / Airport Director

भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India

दरभंगा हवाई अड्डा / Darbhanga Airports

20/10/23

सि. के. तालुकदार / C. K. Talukdar
ज. प्रबन्धक (अर्थ-निर्माण) / Jt. Genl. Manager
आवक विमानपत्तन प्राधिकरण / Airports Authority of India
दरभंगा हवाई अड्डा-848005 / Darbhanga Airports-848005

CONFIDENTIAL

SEC:1.L214

June 5, 2023

Inter-Office Note

Sub: Forwarding of Extract of Board Minutes of 214th Board Meeting

Please find enclosed herewith the extract of the Minutes (duly certified by undersigned) of the following Agenda Items from the minutes of 214th Board Meeting held on May 19, 2023 approved by the Chairman, AAI for information and further necessary action:

Item No. 214.40	To consider & approve the proposal for "Development of Bagdogra Airport" at an Estimated cost of Rs. 1549.00 Cr. and take up the case further for the approval of PIB & CCEA.
Item No. 214.12F	To apprise the AAI Board about status of Work of Development of New Civil Enclave at Darbhanga

Chairman, AAI has directed that respective Directorate shall submit Action Taken report on the decisions taken in the previous Board Meetings to the Company Secretary, who shall compile the ATRs received from Directorates and circulate to the Board as a mandatory agenda item. In view of the above, it is requested that Action Taken Report on the aforesaid agenda items be sent to this office for apprising AAI Board in the next meeting within 15 days of the receipt of the Extract of the minutes.

(Apil Agrawal)
Sr. Mgr. (CA & CS)

Encl. As above.

Shri O. P. Chugh
ED (Engg.) - ER

Am 6.17.23
(21/02/23)

Am 6.17.23
21/02/23

Am 6.17.23
21/02/23

Am 6.17.23
21/02/23

CERTIFIED TRUE COPY OF THE EXTRACT FROM THE MINUTES OF 214TH BOARD MEETING HELD ON MAY 19, 2023

214.42F TO APPRISE THE AAI BOARD ABOUT STATUS OF WORK OF DEVELOPMENT OF NEW CIVIL ENCLAVE AT DARBHANGA

Shri C. P. Chugh, ED (Engg.) ED (Engg.) - ER & NEZ informed the Board that:

(i) Darbhanga Airport belongs to Indian Air Force. AAI operates a temporary Civil Enclave spread over an area of 2.3 Acres;

(ii) Due to tremendous passenger traffic growth witnessed in past one year, the existing terminal building (including proposed expansion) is insufficient to cater to increasing passenger traffic and demand from airlines to operate more flights. The land parcel of 78 acres (54 acres Land pocket to Terminal Building & associated works - 24 acres land pocket for operational requirement) was identified for the Development of a new civil enclave, for which the Administrative approval has been accorded by Bihar Cabinet;

(iii) The existing Terminal building is having an area of 1400 sqm for handling 100 passenger at a peak hour, which will be further enhanced to 300 peak hour passengers by the expansion of Interim Terminal Building by 1748 sqm which is in progress and likely to be completed by July 2023. To cater to the increasing growth and future demand, it was decided to develop a new Civil Enclave by acquiring land from State Govt.;

(iv) Scope of Work includes Construction of centrally air-conditioned, Carbon Neutral and GRIHA-5 compliant New Domestic Terminal Building (including basement of 30% ground coverage area) having an area of 48,000 Sqm with all modern facilities and amenities, shall be designed to cater 2000 passengers at a time, Construction of Apron for parking of 07 nos. of A321 in Phase-I, Construction of 02 Nos. Link Taxiways and Apron Taxiway, Construction of GSF area 3000 sqm (Approx.), Apron taxi lanes & Drainage System etc.;

(v) The estimated cost is of Rs. 911.66 Cr.;

After discussion, the Board passed the following resolution:

"RESOLVED THAT the approval of the board be and is hereby accorded to forward the case for approval of PIB for the work of "Development of New Civil Enclave at Darbhanga, Bihar" at Preliminary estimated Cost of Rs. 911.66 Crores (including GST)."



06/04/2023

जमाबंदी पंजी प्रति

AIRPORTS AUTHORITY OF INDIA, स्वयं- जाति- N/A

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यह एक कम्पयुटर जनित प्रति है
 किसी भी प्रकार की अशुद्धियों के लिए सम्बन्धित अंचलाधिकारी से संपर्क करे
 प्लाट का नक्शा देखने के लिए प्लाट नंबर क्लिक करें



**QUALITY COUNCIL
OF INDIA**
Creating the Future with Quality



National Accreditation Board for Education and Training



Certificate of Accreditation

Gaurang Environmental Solutions Pvt. Ltd.

102, SNG Shree Ratna Apartments, Peetal Factory, Jhotwara Road, Bani Park, Jaipur, Rajasthan, 302016

The organization is accredited as **Category-A** under the QCI-NABET Scheme for Accreditation of EIA Consultant Organization, Version 3: for preparing EIA-EMP reports in the following Sectors –

S. No	Sector Description	Sector (as per)		Cat.
		NABET	MoEFCC	
1	Mining of minerals including opencast/ underground mining	1	1 (a) (i)	A
2	Offshore and onshore oil and gas exploration, development & productions	2	1 (b)	A
3	Thermal power plants	4	1 (d)	B
4	Mineral beneficiation	7	2(b)	A
5	Metallurgical industries (Ferrous & non-ferrous)	8	3 (a)	A
6	Cement Plants	9	3(b)	A
7	Leather/skin/hide processing industry	15	4 (f)	B
7	Chemical Fertilizers	16	5 (a)	A
8	Synthetic organic chemicals industry	21	5 (f)	A
9	Distilleries	22	5 (g)	A
10	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of Schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	28	-	B
11	Air Ports	29	7 (a)	A
12	Industrial estates/ parks/ complexes/ Areas	31	7 (c)	A
13	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	32	7 (d)	A
14	Bio-medical waste treatment facilities	32A	7 (da)	B
15	Ports, harbours, break waters and dredging	33	7(e)	A
16	Common effluent treatment plants (CETPs)	36	7 (h)	B
17	Common municipal solid waste management facility (CMSWMF)	37	7 (i)	B
18	Building and construction projects	38	8 (a)	B
19	Townships and Area development projects	39	8 (b)	B

Note: Names of approved EIA Coordinators and Functional Area Experts are mentioned in SAAC minutes dated October 6, 2023 posted on QCI-NABET website.

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no. QCI/NABET/ENV/ACO/23/3021 dated November 9, 2023. The accreditation needs to be renewed before the expiry date by Gaurang Environmental Solutions Pvt. Ltd., Jaipur following due process of assessment

Sr. Director, NABET
Dated: November 9, 2023

Certificate No.
NABET/EIA/2023/SA 0203

Valid up to
December 7, 2023

For the updated List of Accredited EIA Consultant Organizations with approved Sectors please refer to QCI-NABET website.





QCI/NABET/ENV/ACO/23/3058

Dec 08, 2023

To

Gaurang Environmental Solutions Pvt. Ltd., Jaipur
SNG Shree Ratna Apartments Near Tambi Petrol Pump, Bani Park,
Jaipur, Rajasthan 302016

Sub.: Extension of Validity of Accreditation till March 07, 2024 – regarding
Ref.. 1. Certificate no. NABET/EIA/2023/RA 0192 (Rev.02)

Dear Sir/Madam

This has reference to the accreditation of your organization under the QCI-NABET EIA Scheme, the validity of **Gaurang Environmental Solutions Pvt. Ltd., Jaipur** is hereby extended till March 07, 2024, or completion of the assessment process, whichever is earlier.

The above extension is subject to the submitted documents/required information with respect to your application and timely submission and closure of NC/Obs during the process of assessment.

You are requested not to use this letter after the expiry of the above-stated date.

With best regards.

(A K Jha)
Sr. Director, NABET

SL. No.	Name and Address EIA Consultant Organization	Scope of Accreditation			
		As per NABET Scheme		Project or Activity as per Schedule of MoEFCC Notification dated September 14, 2006 and subsequent Amendments	
		Sect Number	Name of Sector	Cat gor	
93	Gaurang Environmental Solutions Pvt. Ltd. Address:SNG Shree Ratna Apartments Near Tambi Petrol Pump, Bani Park, Jaipur, Rajasthan 302016 Head Name:VIPUL KHANDELWAL Head Designation:Director Mobile Number:9782074776 Email: gaurangenviro@gmail.com; vipul.environ@gmail.com Tel:01414029115 Remarks:Conditions apply	1	Mining of minerals including open cast/ underground mining	A	1 (a) (i)
		2	Onshore and Off shore oil and gas exploration, development & productions	A	1 (b)
		4	Thermal power plants	A	1 (d)
		7	Mineral beneficiation	A	2 (b)
		8	Metallurgical industries (ferrous & non-ferrous)	A	3 (a)
		9	Cement plants	A	3 (b)
		15	Leather/skin/hide processing industry	B	4 (f)
		16	Chemical Fertilizers	A	5 (a)
		21	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	A	5 (f)
		22	Distilleries	A	5 (g)
		28	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of Schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	B	-
		29	Air ports	A	7 (a)

Certificate No.
Validity: 07/

Validity Extension
Extension L
UserName:
Accreditation
category: A

SL. No.	Name and Address EIA Consultant Organization	Scope of Accreditation			
		As per NABET Scheme			Project or Activity as per Schedule of MoEFCC Notification dated September 14, 2006 and subsequent Amendments
		Sect Number	Name of Sector	Cat gor	
		31	Industrial estates/ parks/ complexes/areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes	A	7 (c)
		32	Common hazardous waste treatment, storage and disposal facilities	A	7 (d)
		32 A	Bio-medical waste treatment facilities	B	7 (da)
		33	Ports, harbours, break waters and dredging	A	7 (e)
		34	Highways	B	7(f)
		36	Common Effluent Treatment Plants (CETPs)	B	7 (h)
		37	Common municipal solid waste management facility (CMSWMF)	B	7 (i)
		38	Building and construction projects	B	8(a)
		39	Townships and Area development projects	B	8 (b)



BIHAR STATE POLLUTION CONTROL BOARD
PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna - 800 010

Patna, dated:-

Ref. No.:-

From, S. Chandrasekar, IFS
Member Secretary.

To,

Sri Satyendra Jha (AGME-C),
M/S Airports Authority Of India,
At-Ranipur, near NH-105, Darbhanga,
Dist- Darbhanga -846005.

Sub: Extension of validity period of 'Consent-to-Establish (NOC)' for **Flight Operations- 6 No./Day** & setting up an interim civil terminal inside the Air Force Station At-Ranipur, near NH-105, Darbhanga, Dist- Darbhanga 846005 (ref. no: 2928, dated: 22.06.2020)

Ref: Your Online Application No.- 6614513, dated 22.06.2023.

Sir,

With reference to the subject mentioned above it is to inform that the validity period of the 'Consent-to-Establish (NOC)' issued vide this office ref. no. 2928, dated: 22.06.2020 in favour of **M/s Airports Authority Of India** vide online application no. 3301535 dated: 26.12.2019 for establishment of an interim civil terminal inside the Air Force Station, Capacity **Flight Operations- 6 No./Day** At-Ranipur, near NH-105, Darbhanga, Dist- Darbhanga 846005 is extended up to one year from the date of issue.

All other terms & conditions of the 'Consent-to-Establish' under reference will remain unchanged.

Your Faithfully

Sd/-

(S. Chandrasekar)
Member Secretary

Memo No.:- 1992

Patna, dated:- 05/10/23

Copy to: The Regional Officer, Regional Office, Bihar State Pollution Control Board, Muzaffarpur for favour of information and necessary action.

(S. Chandrasekar)
Member Secretary



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-8/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna - 800 010

Ref. No.-

Patna, Dated-

"CONSENT-TO-ESTABLISH" (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

REFERENCE

- i Name and address of the Proponent: Sri Ganesh Kumar Chandna, DGM (E-C), Airport Authority of India Civil Enclave, IAF Station, Darbhanga-846004.
- ii Application No. 3301535, dated 26.12.2019 of the proponent for setting up an interim civil terminal inside the Air Force Station premises at Ranipur, near NH-105, Darbhanga till the completion of Permanent Civil Enclave by AAI on the land to be provided by the State Government.
- iii Applicant submitted that:
 - a) Indian Air-force (IAF) is already having operative establishment at Darbhanga including runway, Air-traffic Control, Air-navigation services, other offices, road etc. The IAF Station at Darbhanga is selected under UDAN/RCS Scheme by the Central Government vide MoU between Ministry of Civil Aviation & Govt. of Bihar.
 - b) At IAF station Darbhanga, Air-strip already exists and is under prevalent operation of Indian Air-force and it is being used for defence as well as non-schedule civil flights such as for VIP movement, state govt flight etc. To make it compatible for regular civil flight operation, the existing runway is to be re-surfaced.
 - c) To immediately start the civil flight operation from Darbhanga, AAI proposed to make an interim arrangement till the completion of Permanent Civil Enclave to fulfil the long pending demand of the state. Accordingly, AAI is constructing a porta cabin type pre-engineered Interim Terminal Building (ITB) of 1408 sqm area.
 - d) The construction of bunkering/re-fueling and or air traffic control facilities are not proposed to be constructed in this project.
 - e) The airstrip is only being strengthened just to make it compatible for regular civil flight operation as per the requirement of DGCA/ICAO

AFTER CONSIDERING

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003 and as amended;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981; and
- (iv) Online reply dated 18.03.2020, 20.05.2020, 18.06.2020 and other documents submitted by the applicant with application.

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS

Specific Conditions

1. That, Consent-to-Operate for the project shall be obtained from the Bihar State Pollution Control Board as required under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981;
2. That, they shall comply with the provisions (whichever applicable) of The Water Act, 1974, The Air Act, 1981, The Environment (Protection) Act, 1986, Rules and notifications issued there under;
3. That, they shall obtain prior permission for installation of bore well and extraction of groundwater from Central Groundwater Authority (CGWA)/Competent Authority;
4. That, they shall have to submit suitable and separate drainage system for sewer/other wastewater and storm water. No sewage or untreated waste water would be discharged through storm water drains;
5. That, they shall adopt rain water harvesting as provisions made by the local bye-law. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per CPCB guideline. Ensure proper management of storm water to optimum use and allow it to be by-passed during times of heavy rain to avoid any flooding problem inside the campus. Submit well-designed rainwater harvesting system & storm water management plan;

195

6. That, the sewage including from the existing terminal shall be treated in Sewage Treatment - Plant (STP) and after treatment; the water will be recycled for cooling, flushing of toilets, floor washing/cleaning, gardening/horticulture etc, with remainder if any, to be discharged into the public sewer system and submit an action plan;
7. That, the project proponent shall make provisions for drinking water at convenient place; for passengers and also at cafeterias as to reduce generation of solid wastes including PET bottles;
8. That, the quality of treated sewage of STP shall have to comply with the following standards:

Sl No.	Parameter	Limiting concentration in mg/l, except pH and Fecal Coliform
1	pH	5.5-9.0
2	BOD	10
3	Total Suspended Solids (TSS)	20
4	COD	50
5	Nitrogen-Total	10
6	Phosphorus-Total for discharge into Ponds, Lakes	1.0
7	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100 ml)	Desirable-100 Permissible-230

9. That, sludge generated from the STP will be dried and later it will be used as manure in green belt development/gardening/horticulture etc;
10. That, 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 in wet condition;
11. That, the soil/construction materials (if any) carried by the vehicles should be covered by impervious sheeting to ensure that the dust materials do not leak/spread from the vehicle;
12. That, the solid waste generated shall be properly collected, segregated and disposed according to the provisions of the Solid Waste Management Rules, 2016. Bio-degradable waste shall be composted and re-used within the facility for gardening purposes and remaining waste shall be disposed through authorized dealers/vendors;
13. That, they shall comply with the provisions (whichever applicable) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. The used oil from DG sets as hazardous waste will be stored in HDPE drums in isolated covered facility. This used oil will be sold to authorized recyclers and record shall be maintained. Necessary care will be taken so that spills/leaks of used oil from storage are avoided;
14. That, they shall comply with the provisions (whichever applicable) of the E-Waste (Management) Rules, 2016. The e-waste generated shall be disposed of by handing over to the authorised collection centre and a record shall be maintained;
15. That, they shall comply with the provisions (whichever applicable) of the Plastic Waste Management Rules, 2016. They will make effort to discourage the use of plastics so that minimum generation of plastics wastes to be taken place;
16. That, they shall comply with the provisions (whichever applicable) of the Bio-Medical Waste Management Rules, 2016 in case of generation of clinical/hospital wastes from health care facilities available in the premises;
17. That, in case of construction activities they shall comply with the provisions (whichever applicable) of the Construction and Demolition Waste Management Rules, 2016;
18. That, maximum efforts will be made to retain existing tree cover as well as new saplings shall be planted during monsoon season; and
19. That, surface having unpaved and loose soil, if any, shall be adequately sprinkled with water, to suppress dust.

General Conditions

1. That, necessary clearance from Directorate General of Civil Aviation (DGCA) and Airports Authority of India (AAI) for safety and project facilities shall be obtained;

2. That, they shall provide adequate fire safety measures and equipment as required under the Rules and obtain necessary permission/NOC from competent authority as required;
3. That, they shall obtain all mandatory clearance/ permission from all relevant agencies;
4. That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31st March, shall be submitted by the month of September every year;
5. That, maximize recycling of water and utilization of treated sewage water by adopting 3 R's (reduce, reuse and recycle) concept and rain water in harvesting;
6. The runoff from paved structures like Runways, Taxiways can be routed through drains to soil separation tanks and sedimentation basins before being discharged into rainwater harvesting structures;
7. That, they shall provide electromagnetic flow meter at the inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater in irrigation purposes as well as back into the system for flushing/horticulture purpose/green belt development etc. and shall maintain a record of readings of each such meter on daily basis;
8. That, diesel power generating sets (DG Sets), if any; as source of backup power should be of 'Acoustic Enclosed Type' and conforms to the Rules made under the Environment (Protection) Act, 1986. The height of exhaust of DG sets should be as under: Exhaust Stack Height formula:- (Ht of Building in meter + $0.2\sqrt{\text{KVA}}$) m;
9. That, they shall maintain overall noise levels in and around the airport area well within prescribed standards under the Rules by providing noise control measures including acoustic hoods or materials/silencers/enclosures/tree plantation etc;
10. That, they shall comply with the applicable provisions/directions of the State Govt./BSPCB including the directions that no person shall manufacture, import, store, sell or use any kind of plastic carry bags;
11. That, the project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive;
12. That, in compliance of direction of the Hon'ble Supreme Court and vide Board's HQ ref. no. 2638, dated 09.07.2019, they shall make provisions for display of data outside main unit gate about quantity and quality of water discharge and air emission along with solid waste generated within the unit premises; and
13. That, not withstand any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under.

NOTE:-

1. That, this CTE is granted in light of the assertions made vide letter dated 18.03.2020, 20.05.2020 and 18.06.2020, Board is seeking clarification from competent authority regarding applicability of provisions of EIA Notification, 2006. This CTE/NOC shall be governed by the decision of the competent authority on this issue.
2. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
3. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed project but shall be subject to compliance of all the conditions indicated above; and
4. The NOC, granted, shall be valid for a period of one year from the date of issue.

Sd/-

(Alok Kumar)

Member Secretary

Patna, Dated:- 22.6.2020

Memo No.:- 2928
Copy forwarded to Sri Ganesh Kumar Chandna, DGM (E-C), Airport Authority of India, Civil Enclave, IAF Station, Darbhanga-846004/RO, BSPCB, Muzaffarpur for favour of information and necessary action.

 22/6/20
(Alok Kumar)
Member Secretary

3



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-D/2, PALIPUTRA INDUSTRIAL AREA,

PATLIPUTRA, Patna - 800 010

Ref. No. - 4397

Patna, dated- 21/10/20

EMISSION CONSENT ORDER

With reference to the online application no. 3858310 dated: 05.08.2020 of Airport Authority of India Civil Enclave, IAF Station, Darbhanga-846004 for consent under sections 21 of the Air (Prevention and Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their interim civil terminal inside the 'Air Force Station' premises at Ranipur, near NH-105, Darbhanga (Darbhanga Airport) for the period of five years or till the completion of Permanent Civil Enclave by AAI, whichever one is earlier, from the date of issue with the following conditions:-

- 1 That, he /they shall comply with the requirements of Rule 14 of the Environment (Protection) Rule, 1986; provisions (whichever applicable) of the Hazardous and Other Wastes (Management & Transboundary Movement), Rules 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
- 2 That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
- 3 That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;
- 4 That, they shall maintain overall noise levels in and around the airport area well within prescribed standards under the Rules by providing noise control measures including acoustic hoods, materials/silencers/enclosures/tree plantation etc;
- 5 That, the unit shall submit ambient noise level test report to the Board by the month of December every year and that shall conform to the standard as prescribed by the Board.
- 6 That, diesel power generating sets (DG Sets), if any as source of power backup should be of 'Acoustic Enclosed Type' and shall conform to the Rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be as under:
Stack Height formula:- (Ht of Building in meter + 0.2√KVA) m;
- 7 That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31st March, shall be submitted by the month of September every year.
- 8 That, in compliance of direction of the Hon'ble Supreme Court and vide Board's HQ ref no - 2638 dated 09.07.2019, they shall make provisions for display of data outside main gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises;
- 9 That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and
- 10 That, the authority shall do tree plantation on the space available all around the campus and it shall be developed as green belt.

To

Sri Ganesh Kumar Chandna, DGM (E-C),
Airport Authority of India,
Civil Enclave, IAF Station,
Darbhanga-846004.


(S. Chandrasekar)
Member-Secretary

**BIHAR STATE POLLUTION CONTROL BOARD**

PARIVESH BHAWAN, PLOT NO. N5-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna - 800 010

Ref. No. - 4397

Patna Dated: 21-10-20

DISCHARGE CONSENT ORDER

With reference to the online application no. 3858310 dated: 05.08.2020 of Airport Authority of India, Civil Enclave, IAF Station, Darbhanga-846004 for consent under sections 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to bring into use his/their new/alterd/existing outlet(s) for discharge of trade effluent and/or domestic sewage from interim civil terminal inside the 'Air Force Station' premises at Ranipur, near NH-105, Darbhanga (Darbhanga Airport) for the period of five years or till the completion of Permanent Civil Enclave by AAI, which one is earlier, from the date of issue with the following conditions:-

- 1 That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;
- 2 That, he /they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; provisions (whichever applicable) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rule, 2016, Rules 4, 5, 7, 8, 10, 11, 12, 13, 15 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
- 3 That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
- 4 That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;
- 5 That, they shall submit analysis report of treated sewage wastewater after every six months and the quality of treated sewage of STP shall have to comply with the following standards:

Sl No.	Parameter	Limiting concentration in mg/l, except pH and Fecal Coliform
1	pH	5.5-9.0
2	BOD	10
3	Total Suspended Solids (TSS)	20
4	COD	50
5	Nitrogen-Total	10
6	Phosphorus-Total for discharge into Ponds, Lakes	1.0
7	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100 ml)	Desirable-100 Permissible-230

- 6 That, they shall submit copy of permission letter obtained from CGWA for installation & extraction of groundwater at earliest;
- 7 That, the rainwater harvesting system shall be maintained as functional;
- 8 That, they shall provide electromagnetic flow meter at the inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater in irrigation purposes as well as back into the system for flushing/horticulture purpose/green belt development etc. and shall maintain a record of readings (logbook) of each such meter on daily basis;
- 9 That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31st March, shall be submitted by the month of September every year;

10 That, in compliance of direction of the Hon'ble Supreme Court and vide Board's HQ ref no.-
2638, dated 09.07.2019, they shall make provisions for display of data outside main gate about
quantity and quality of water discharge and air emission along with solid waste generated within
the premises; and

11 That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of
the environmental laws including policies and guidelines made there under.

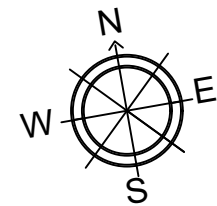
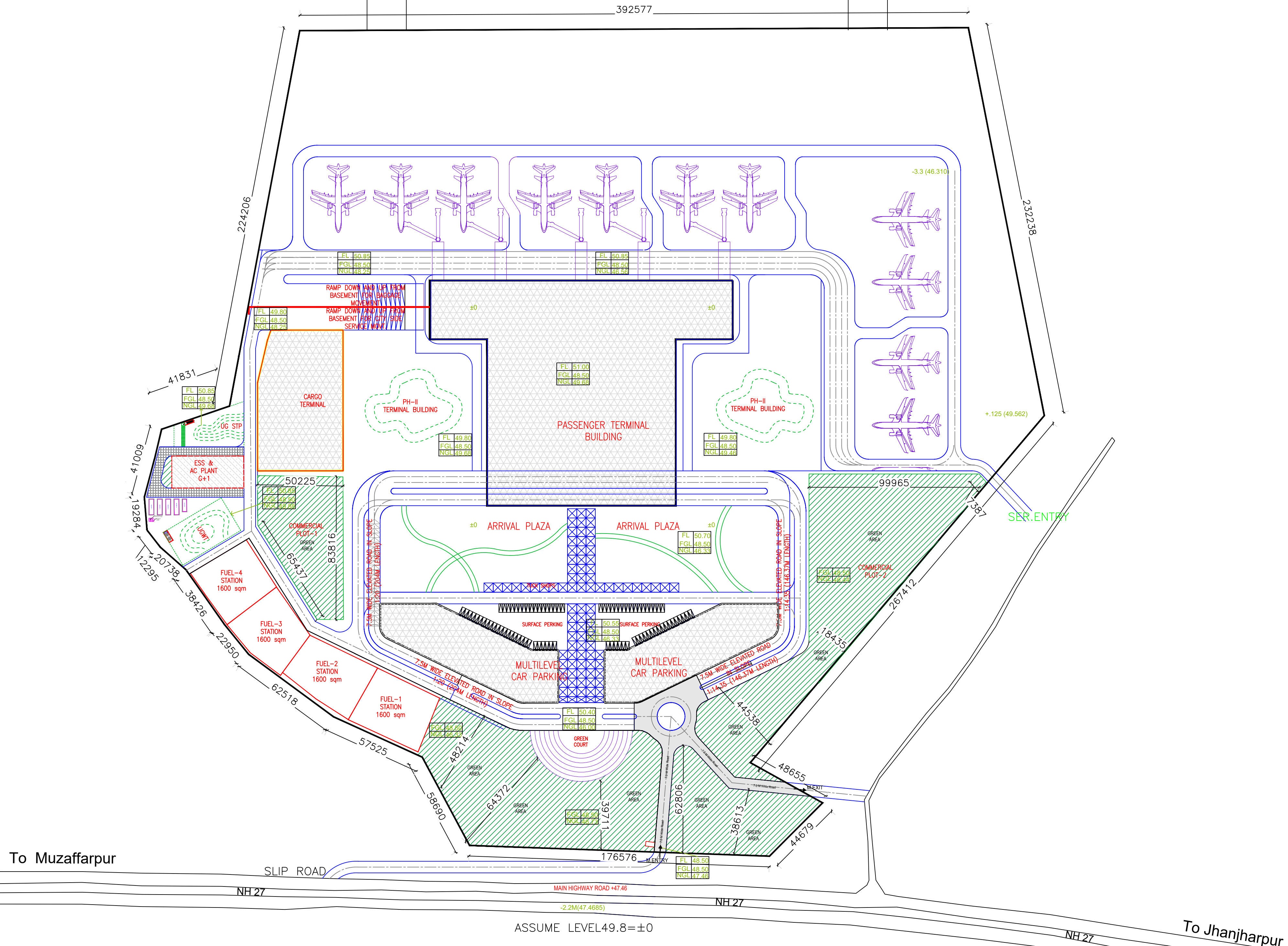
To

Sri Ganesh Kumar Chandna, DGM (E-C),
Airport Authority of India,
Civil Enclave, IAF Station,
Darbhanga-846004.


(S. Chandrasekar)
Member-Secretary

21/6/20

Particular	Area in Sq. m.	Area in Ha.	% of total area
Terminal building	17771	1.7771	8.3
Green & open area	53267	5.3267	25
Area of services retail & commercial space	22498	2.2498	10.6
Paved Pavement/Road area	109481	10.9481	51.4
Parking	10050	1.005	4.7
Total	213067	21.3067	100



LEGEND

PROJECT BOUNDARY	
GREEN AREA	
ROAD	

DATE	REV.	REV. BY	DESCRIPTION
12/29/2019	1		
12/29/2019	2		

ARCHITECT
SURESH GOEL AND ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS
C-85, SHIVALIK
NEW DELHI-110017
TEL(011)26676254, 41034450
MAIL: general@sgdesignlab.com

MEP CONSULTANT
DESIGN CENTRE CONSULTING ENGINEERS
PVT.LTD

OFFICE NO. 44 TO 47, 4TH FLOOR
ANSAL PLAZA, DABUR CHOWK
VAISHALI, GHAZIABAD, UP
PHONE: 0120-4333451, 4333452



DATE-	PROJECT CODE
DRAWN BY- SIDDHI	CHECKED BY- SUBHASH
APPROVED BY- BINOD	

PROJECT:
DEVELOPMENT OF NEW CIVIL
ENCLAVE AT DARBHANGA, BIHAR

DRAWING PURPOSE-
AAI

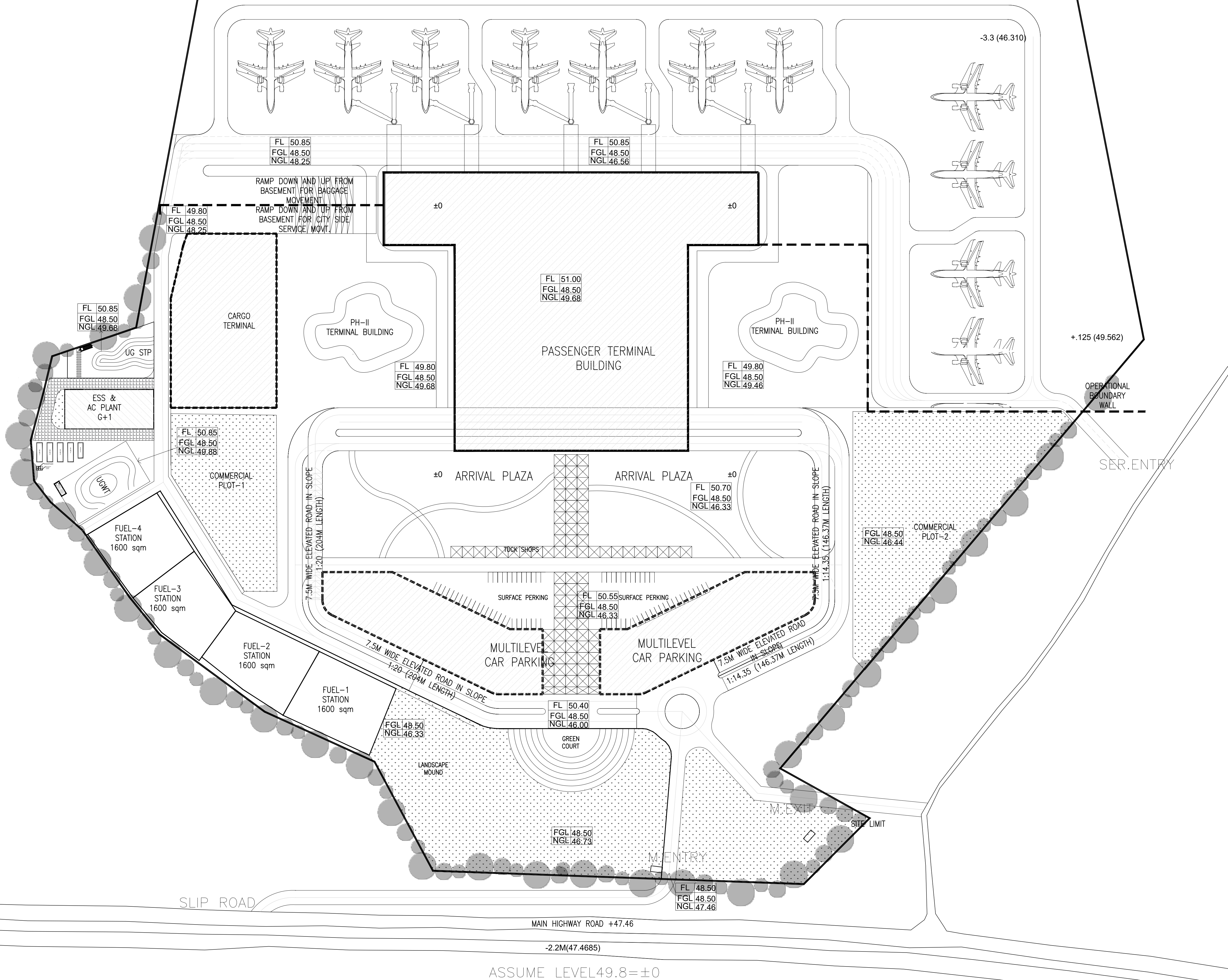
CLIENT :
AAI

BUILDING TYPE-
MASTER PLAN

DRAWING TITLE - LAYOUT PLAN

DRAWING NUMBER

SHEET SIZE :
SHEET NO :



NOTE :- ALL THE STEEL STRUCTURE UP TO 8 METER HEIGHT SHALL BE PAINTED WITH FIRE RESISTANCE PAINT AND ABOVE 8 METER HEIGHT SHALL BE PAINTED WITH PU PAINTS (ALL AS PER MANUFACTURER SPECIFICATION) EXCEPT STEEL COLUMNS WHICH SHALL BE PAINTED WITH FIRE RESISTANCE PAINT FROM FOUNDATION LEVEL TO ROOF LEVEL.

DATE	REV.	REV. BY	DESCRIPTION
05-10-2023	6	VS	AS MEETING DATED 29-09-2023
29-09-2023	5	VS	AS MEETING DATED 22-09-2023
16-09-2023	4	VS	AS MEETING DATED 15-09-2023
	3		
	2		
	1		

ARCHITECT
SURESH GOEL AND ASSOCIATES
ARCHITECTS . ENGINEERS . PLANNERS

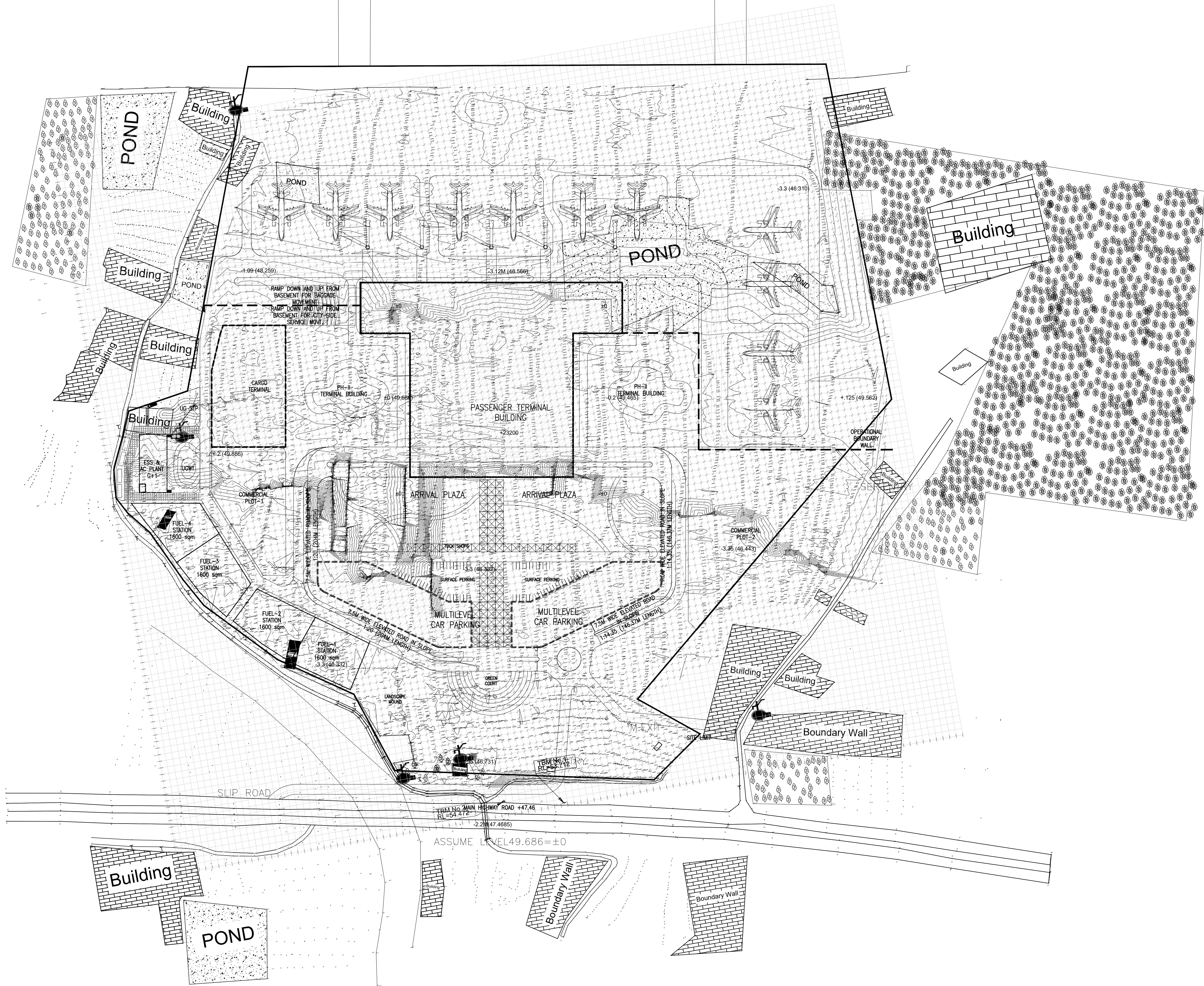
DWG ISSUED ON 05.10.2023 AT NEW DELHI PROJECT CODE

SIG	SIG	SIG	2023018
NAME :	NAME :	NAME :	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	PTB

PROJECT:
DEVELOPMENT OF NEW CIVIL ENCLAVE AT DARBHANGA, BIHAR

C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL: general@sgadesignlab.com	AAI
CLIENT :	

	BUILDING TYPE PASSENGER TERMINAL BUILDING	
	DRAWING TITLE LANDSCAPE PLAN	
	DRAWING NUMBER 202318-S4-PTB-AP-102-R1	
SCALE : 1:1000	SHEET SIZE : A1	SHEET NO :



NOTE :-
ALL THE STEEL STRUCTURE UP TO 8 METER HEIGHT SHALL BE PAINTED WITH FIRE RESISTANCE PAINT AND ABOVE 8 METER HEIGHT SHALL BE PAINTED WITH PU PAINTS (ALL AS PER MANUFACTURER SPECIFICATION) EXCEPT STEEL COLUMNS WHICH SHALL BE PAINTED WITH FIRE RESISTANCE PAINT FROM FOUNDATION LEVEL TO ROOF LEVEL.

05-10-2023	6	VS	ASMEETING DATED 29-09-2023
29-09-2023	5	VS	ASMEETING DATED 22-09-2023
16-09-2023	4	VS	ASMEETING DATED 15-09-2023
	3		
	1		

06-09-2023	2		
DATE	REV.	REV. BY	DESCRIPTION

ARCHITECT
SURESH GOEL AND ASSOCIATES
ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON 05.10.2023 AT NEW DELHI PROJECT CODE

SIG	SIG	SIG	2023018
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NAME : NAME : NAME : BUILDING CODE

ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	PTB
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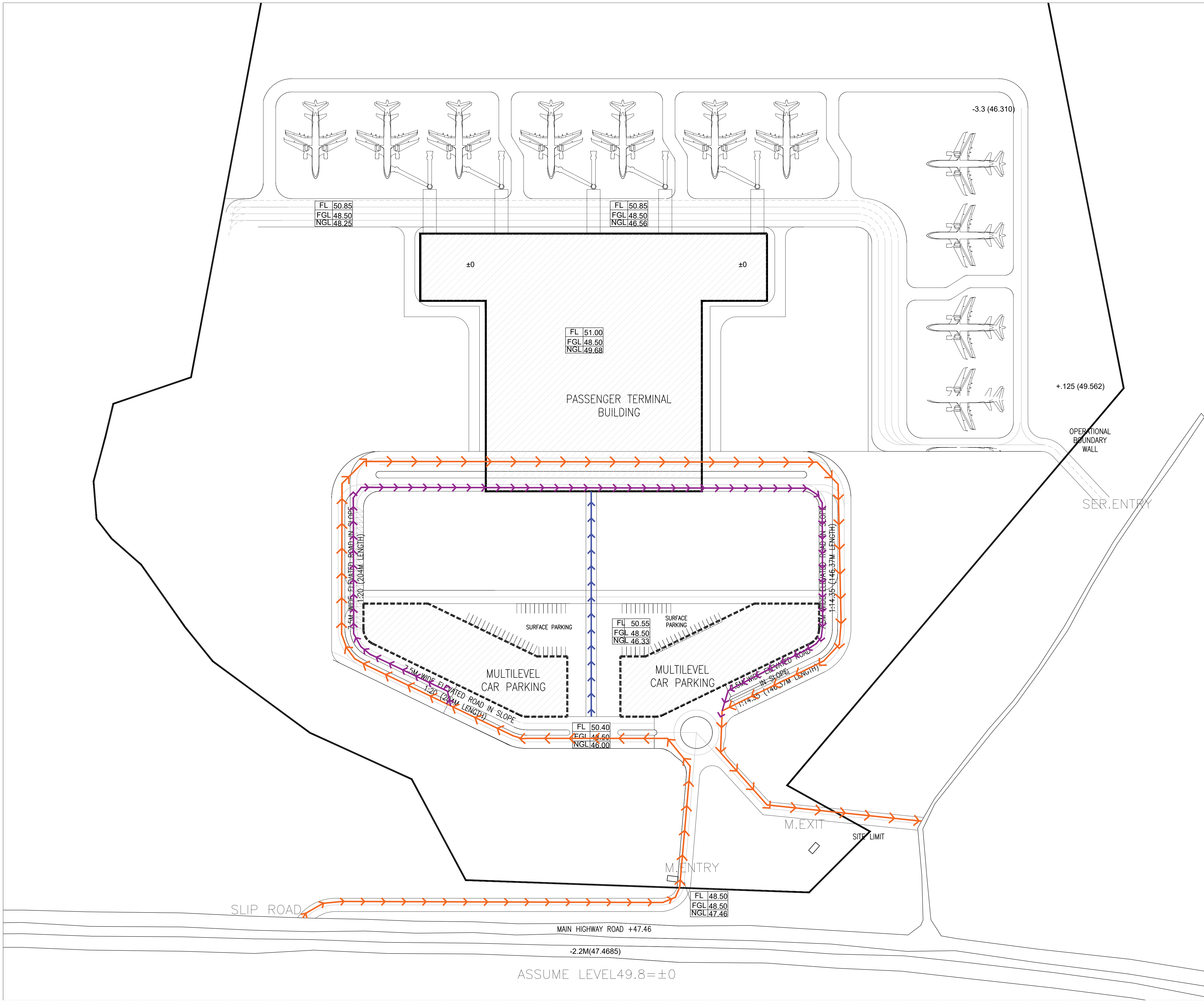
PROJECT:
DEVELOPMENT OF NEW CIVIL
ENCLAVE AT DARBHANGA, BIHAR

C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL: general@sgadesignlab.com	AAI
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CLIENT :

	BUILDING TYPE PASSENGER TERMINAL BUILDING
	DRAWING TITLE SUREVY & CONTOUR PLAN
	DRAWING NUMBER 202318-S4-PTB-AP-222

SCALE : 1:1000 SHEET SIZE : A1 SHEET NO :



LEGEND:

- VEHICULAR MOVEMENT
- ELEVATED ROAD VEHICULAR MOVEMENT
- PEDESTRIAN MOVEMENT

NOTE :- ALL THE STEEL STRUCTURE UP TO 8 METER HEIGHT SHALL BE PAINTED WITH FIRE RESISTANCE PAINT AND ABOVE 8 METER HEIGHT SHALL BE PAINTED WITH PU PAINTS (ALL AS PER MANUFACTURER SPECIFICATION) EXCEPT STEEL COLUMNS WHICH SHALL BE PAINTED WITH FIRE RESISTANCE PAINT FROM FOUNDATION LEVEL TO ROOF LEVEL.

05.10.2023	6	VS	AS MEETING DATED 29.09.2023
29.09.2023	5	VS	AS MEETING DATED 22.09.2023
16.09.2023	4	VS	AS MEETING DATED 15.09.2023
	3		
	1		
06.09.2023	2		
DATE	REV.	REV. BY	DESCRIPTION

ARCHITECT
SURESH GOEL AND ASSOCIATES
ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON 05.10.2023 AT NEW DELHI PROJECT CODE

SIG	SIG	SIG	2023018
NAME :	NAME :	NAME :	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	

PROJECT:
DEVELOPMENT OF NEW CIVIL ENCLAVE AT DARBHANGA, BIHAR

C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL: general@sgadesignlab.com	AAI
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CLIENT :

	BUILDING TYPE	
	DRAWING TITLE VEHICULAR CIRCULATION PLAN	
	DRAWING NUMBER 202318-S4-PTB-AP-225-R0	
SCALE : 1:1000	SHEET SIZE : A1	SHEET NO :



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

(As ISO : 9001 : 2015, 14001 : 2015 & ISO 45001 : 2018 & NABL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), CPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870972, 7503031146, 9999794369

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ambient Air Quality	AAQ-231223-018	05/01/2024

Issued To: M/s Airport Authority of India
 Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar
 Location: Darbhanga Airport, Village Vasodepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn By: Mr. Sonu & Shyam (NTL) : Monitoring Period: Oct 2023 – Dec 2023
 Sampling Location: Project Site : Protocol Used: CPCB Guidelines
 Sampling Plan & Procedure: SOP-AAQ/08 : Sampling Instrument Used: Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler

S. No.	Monitoring Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	05.10.2023	57.36	17.86	9.65	16.70	0.81
2	08.10.2023	62.42	29.28	10.35	16.69	0.97
3	12.10.2023	69.48	28.83	9.63	15.55	0.84
4	15.10.2023	59.72	32.13	10.47	16.83	0.95
5	19.10.2023	62.55	30.91	10.65	15.57	0.86
6	22.10.2023	66.49	29.12	9.6	15.86	0.93
7	26.10.2023	61.43	29.42	10.72	14.94	0.89
8	29.10.2023	63.57	29.83	11.21	15.53	0.99
9	02.11.2023	61.62	34.59	9.63	16.62	0.86
10	05.11.2023	68.51	32.88	10.69	15.48	1.05
11	09.11.2023	70.61	32.23	11.3	17.40	0.80
12	12.11.2023	64.48	34.82	10.35	15.66	0.85
13	16.11.2023	59.23	32.15	9.66	16.46	1.05
14	19.11.2023	55.88	33.01	10.68	16.58	1.05
15	23.11.2023	60.3	32.04	9.63	15.50	0.84
16	26.11.2023	55.89	29.09	10.3	13.49	0.88
17	01.12.2023	56.24	30.99	9.7	16.08	1.03
18	04.12.2023	55.76	30.34	9.72	16.33	0.84
19	08.12.2023	55.41	28.33	9.58	14.77	1.05
20	11.12.2023	62.58	30.17	10.67	15.26	1.07
21	15.12.2023	66.49	29.64	10.62	15.77	1.03
22	18.12.2023	67.43	27.04	11.24	14.94	0.83
23	22.12.2023	63.57	28.82	10.53	15.08	0.85
24	25.12.2023	58.32	27.87	9.62	14.78	1.03
Min		55.41	27.04	9.58	14.77	0.81
Max		70.61	34.82	11.3	17.40	1.07
Avg		62.14	30.51	10.26	15.85	0.93
98 percentile		70.61	34.71	11.27	17.24	1.06
NAAQS, For 24 hourly monitoring (except CO for Eight hour)		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: Sankshi & Umashankar

Designation: Analyst

Date: 01.01.2024

Shalu

Sr. Analyst

03.01.2024

Ajay Adhikari

Technical Manager/Quality Manager

05.01.2024

ANALYSIS BY

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Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201304

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ambient Air Quality	AAQ-231223-019	05/01/2024

Issued To: **M/s Airport Authority of India**
 Project Name: **Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar**
 Location: **Darbhangha Airport, Village Vasudepur, District- Darbhanga, Bihar**

Sampling & Analysis Data

Sample Drawn By: **Mr. Somi & Shyam (NTL)** : Monitoring Period: **Oct 2023 – Dec 2023**
 Sampling Location: **Maulaganj** : Protocol Used: **CPCB Guidelines**
 Sampling Plan & Procedure: **SOP-AAQ/08** : Sampling Instrument Used: **Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler**

S. No.	Monitoring Date	PM10	PM2.5	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	05.10.2023	71.38	36.47	11.87	15.57	0.54
2	08.10.2023	66.72	34.52	13.36	18.63	0.77
3	12.10.2023	68.84	37.76	09.82	13.49	0.98
4	15.10.2023	75.24	35.54	11.35	15.86	0.87
5	19.10.2023	77.28	43.71	09.46	14.64	0.64
6	22.10.2023	69.61	38.34	12.01	17.88	0.47
7	26.10.2023	71.15	43.85	10.48	16.05	0.89
8	29.10.2023	76.87	44.85	8.76	15.23	1.04
9	02.11.2023	81.96	38.72	9.78	14.74	0.99
10	05.11.2023	75.17	34.67	9.82	14.43	0.60
11	09.11.2023	78.21	36.47	11.74	15.01	0.98
12	12.11.2023	79.42	49.58	10.13	16.39	0.87
13	16.11.2023	72.4	40.51	8.32	14.63	0.82
14	19.11.2023	84.12	38.64	7.46	13.56	0.91
15	23.11.2023	78.25	35.28	8.99	14.75	0.82
16	26.11.2023	79.07	39.56	9.17	14.95	0.98
17	31.12.2023	84.15	38.07	12.48	16.72	0.98
18	04.12.2023	78.69	42.76	9.56	14.76	1.82
19	08.12.2023	79.78	48.51	9.24	12.97	0.88
20	11.12.2023	87.3	36.03	12.09	16.18	0.85
21	15.12.2023	76.23	38.44	13.16	17.39	1.34
22	18.12.2023	69.03	46.93	13.45	17.37	0.98
23	22.12.2023	79.53	47.49	11.14	16.17	0.98
24	25.12.2023	78.98	43.73	10.09	14.71	0.87
Min		66.72	34.52	7.46	12.97	0.47
Max		87.3	49.38	13.45	18.63	1.82
Avg.		76.64	40.41	10.52	15.59	0.91
98 percentile		85.85	48.98	13.41	18.19	1.55
NAAQS, For 24 hourly monitoring (except CO for Eight hour)		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: **Shakshi & Umeshankar**
 Designation: **Analyst**
 Date: **01.01.2024**

Name: **Shalu**
 Designation: **Sr. Analyst**
 Date: **03.01.2024**

Name: **Amy Adhikari**
 Designation: **Technical Manager/ Quality Manager**
 Date: **05.01.2024**

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ambient Air Quality	AAQ-231223-020	05/01/2024

Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn By: Mr. Sonu & Shyam (NTL) : Monitoring Period: Oct 2023 – Dec 2023

Sampling Location: Bela : Protocol Used: CPCB Guidelines

Sampling Plan & Procedure: SOP-AAQ/08 : Sampling Instrument Used: Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler

S. No.	Monitoring Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	05.10.2023	66.40	39.53	6.6	17.15	0.31
2	08.10.2023	69.77	40.53	7.12	18.87	0.79
3	12.10.2023	66.77	38.45	7.28	16.45	0.68
4	15.10.2023	64.59	43.22	7.87	18.12	0.63
5	19.10.2023	64.46	40.89	6.33	16.72	0.62
6	22.10.2023	66.36	39.56	30.22	18.56	0.59
7	26.10.2023	67.43	40.02	11.11	17.07	0.72
8	29.10.2023	69.11	38.59	6.49	17.55	0.75
9	02.11.2023	68.42	41.56	7.86	19.44	0.63
10	05.11.2023	68.97	44.58	6.42	15.98	0.56
11	09.11.2023	64.19	43.47	10.26	16.23	0.67
12	12.11.2023	64.18	39.56	8.61	17.48	0.53
13	16.11.2023	65.42	39.59	9.62	18.55	0.56
14	19.11.2023	64.16	38.55	7.61	17.68	0.75
15	23.11.2023	71.05	36.41	7.89	19.6	0.63
16	26.11.2023	67.42	38.27	6.82	18.81	0.54
17	01.12.2023	66.42	40.86	6.65	15.55	0.62
18	04.12.2023	70.12	39.55	7.24	16.85	0.59
19	08.12.2023	72.16	37.95	7.72	18.41	0.76
20	11.12.2023	69.43	40.55	6.65	17.28	0.52
21	15.12.2023	66.87	40.64	8.54	16.78	0.62
22	18.12.2023	64.78	39.79	7.63	18.23	0.68
23	22.12.2023	70.1	40.12	6.46	17.64	0.61
24	25.12.2023	70.22	40.19	6.45	16.47	0.73
Min		63.42	36.41	6.33	15.55	0.51
Max		72.16	45.22	11.11	19.6	0.79
Avg.		67.37	40.17	7.73	17.55	0.64
98 percentile		71.65	44.93	10.72	19.53	0.78
NAAQS, For 24 hourly monitoring (except CO for Eight hour)		100 µg/m ³	40 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: Shalchi & Umashankar

Designation: Analyst

Date: 01.01.2024

Shalu

Sr. Analyst

03.01.2024

Amy Adhikari

Technical Manager/Quality Manager

05/01/2024

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TEST CERTIFICATE

Test Report of Ambient Air Quality	Report Code AAQ-231223-021	Date of Issue 05/01/2024
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Issued To: **M/s Airport Authority of India**
 Project Name: **Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar**
 Location: **Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar**

Sampling & Analysis Data

Sample Drawn By: **Mr. Sonu & Shyam (NTL)** : Monitoring Period: **Oct 2023 - Dec 2023**
 Sampling Location: **Bijli** : Protocol Used: **CPCB Guidelines**
 Sampling Plan & Procedure: **SOP-AAQ/08** : Sampling Instrument Used: **Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler**

S. No.	Monitoring Date	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	03.10.2023	68.26	35.6	5.8	10.23	0.3
2	08.10.2023	72.44	40.33	8.5	12.55	0.66
3	12.10.2023	67.75	49.33	4.45	15.5	0.38
4	15.10.2023	70.91	42.91	5.7	12.1	0.58
5	19.10.2023	73.82	36.21	7.69	13.82	0.48
6	22.10.2023	65.64	50.76	6.3	14.92	0.72
7	26.10.2023	73.76	46.73	7.63	12.7	0.35
8	29.10.2023	76.79	34.74	5.36	11.91	0.68
9	02.11.2023	76.89	40.71	6.87	15.81	0.43
10	05.11.2023	81.51	45.36	8.78	12.59	0.66
11	09.11.2023	66.39	34.8	6.61	10.7	0.34
12	12.11.2023	69.71	47.07	5.69	13.83	0.62
13	16.11.2023	83.42	39.28	7.73	11.31	0.47
14	19.11.2023	69.75	44.32	9.1	13.55	0.68
15	23.11.2023	70.69	49.26	5.81	15.76	0.42
16	26.11.2023	82.98	45.14	9.02	11.98	0.6
17	01.12.2023	78.33	51.57	3.56	10.22	0.41
18	04.12.2023	72.68	42.73	3.33	12.41	0.7
19	08.12.2023	69.69	51.59	6.12	11.51	0.37
20	11.12.2023	79.91	40.93	8.59	15.5	0.62
21	15.12.2023	71.49	43.38	6.79	11.75	0.47
22	18.12.2023	66.44	42.92	5.74	10.65	0.72
23	22.12.2023	67.53	40.29	8.45	13.62	0.35
24	25.12.2023	70.94	42.84	6.9	13	0.65
Min		65.64	34.74	5.36	10.22	0.34
Max		83.42	51.59	9.10	15.81	0.77
Avg.		72.82	43.34	6.88	12.83	0.54
98 percentile		83.22	51.58	9.06	15.79	0.75
NAAQS, For 24 hourly monitoring (except CO for Eight hourly)		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: **Shukshi & Umashankar**
 Designation: **Analyst**
 Date: **01.01.2024**

Shale
 Sr. Analyst
 03.01.2024

Ajay Adhikari
 Technical Manager / Quality Manager
 05.01.2024

ANALYSIS BY

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ambient Air Quality	AAQ-231223-022	05/01/2024

Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport,

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn By: Mr. Sonu & Shyam (NTL) : Monitoring Period: Oct 2023 - Dec 2023

Sampling Location: Diwari : Protocol Used: CPCB Guidelines

Sampling Plan & Procedure: SOP-AAQ/08 : Sampling Instrument Used: Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler

S. No.	Monitoring Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	06.10.2023	76.75	41.2	9.71	16.35	0.53
2	09.10.2023	77.13	38.63	9.78	15.88	0.81
3	13.10.2023	73.88	40.85	9.28	16.41	0.60
4	15.10.2023	75.31	41.26	10.23	16.63	0.52
5	20.10.2023	71.01	40.35	10.18	15.93	0.47
6	23.10.2023	72.39	38.48	9.18	16.38	0.5
7	27.10.2023	68.92	36.65	8.52	15.22	0.55
8	30.10.2023	70.06	34.55	9.98	15.01	0.53
9	03.11.2023	69.12	36.69	9.52	15.99	0.51
10	06.11.2023	65.98	35.47	9.65	14.25	0.47
11	10.11.2023	64.35	36.58	8.33	14.11	0.45
12	13.11.2023	60.68	37.56	9.65	13.24	0.53
13	17.11.2023	61.78	34.83	8.32	13.24	0.51
14	20.11.2023	59.1	36.96	8.68	14.33	0.55
15	24.11.2023	58.23	32.14	7.96	14.04	0.79
16	27.11.2023	56.32	35.43	8.47	13.34	0.54
17	02.12.2023	59.63	34.88	8.45	13.21	0.52
18	05.12.2023	57.99	35.63	7.98	12.92	0.49
19	09.12.2023	55.63	32.58	8.02	13.58	0.68
20	12.12.2023	54.53	33.33	8.53	13.33	0.45
21	16.12.2023	55.63	32.22	8.97	12.91	0.74
22	19.12.2023	55.81	34.18	8.56	12.45	0.52
23	23.12.2023	53.28	30.21	7.95	12.38	0.52
24	26.12.2023	54.55	31.69	8.76	12.87	0.43
Min		53.28	30.21	7.95	12.38	0.43
Max		77.13	41.26	10.23	16.63	0.81
Avg		63.67	36.04	8.92	14.36	0.55
95 percentile		76.96	41.23	10.21	16.53	0.80
NAAQS, For 24 hourly monitoring (except CO for Eight hour)		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: Shakshi & Umashankar

Designation: Analyst

Date: 01.01.2024

Name: Shalu

Sr. Analyst

01.01.2024

Name: Arun Adhikari

Technical Manager/Quality Manager

05.01.2024

ANALYSIS BY

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AUTHORIZED SIGNATORY

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TEST CERTIFICATE

Test Report of Ambient Air Quality	Report Code AAQ-231223-023	Date of Issue 05/01/2024
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Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn By: Mr. Sonu & Shyam (NTL) : Monitoring Period: Oct 2023 – Dec 2023

Sampling Location: Happy Hours Play School : Protocol Used: CPCB Guidelines

Sampling Plan & Procedure: SOP-AAQ/08 : Sampling Instrument Used: Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler

S. No.	Monitoring Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	06.10.2023	68.64	45.12	11.12	18.32	0.56
2	09.10.2023	67.9	38.54	13.65	18.67	0.57
3	13.10.2023	71.00	40.59	16.76	17.89	0.48
4	16.10.2023	65.12	38.37	15.70	18.31	0.49
5	20.10.2023	67.97	43.21	13.89	15.89	0.45
6	23.10.2023	65.21	41.78	12.45	15.62	0.53
7	27.10.2023	66.87	35.67	16.78	16.09	0.58
8	30.10.2023	63.32	37.98	14.67	17.2	0.47
9	03.11.2023	71.45	38.54	13.78	19.72	0.56
10	06.11.2023	69.43	41	9.29	26.01	0.43
11	10.11.2023	70.65	43.82	10.67	19.01	0.46
12	13.11.2023	69.32	41.88	13.62	19.68	0.43
13	17.11.2023	64.21	38.74	14.21	17.92	0.41
14	20.11.2023	74.65	36.78	14.65	18.77	0.39
15	24.11.2023	66.76	41.77	16.33	19.99	0.45
16	27.11.2023	61.41	34.89	11.93	20.31	0.42
17	02.12.2023	64.35	36.22	13.9	18.56	0.39
18	05.12.2023	69.34	34.21	14.21	19.32	0.41
19	09.12.2023	61.67	37.12	13.71	19.9	0.4
20	12.12.2023	61.89	38.34	13.76	18.91	0.49
21	16.12.2023	70.44	36.9	12.89	19.61	0.52
22	19.12.2023	62.1	31.56	11.67	19.86	0.41
23	23.12.2023	59.28	36.22	14.78	19.8	0.49
24	26.12.2023	59.51	38.56	18.56	20.01	0.48
Min		59.28	31.56	9.23	15.62	0.39
Max		74.65	45.12	18.56	20.31	0.58
Avg		66.36	38.65	13.87	18.74	0.47
98 percentile		73.18	44.52	17.74	20.17	0.58
NAAQS, For 24 hourly monitoring (except CO for Eight hour)		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: Shikshi & Umashankar

Designation: Analyst

Date: 01.01.2024

Shalu

Sr. Analyst

03.01.2024

Ajay Adhikari

Technical Manager/ Quality Manager

05.01.2024

ANALYSIS BY

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

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Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ambient Air Quality	AAQ-231223-024	05/01/2024

Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn By: Mr. Somu & Shyam (NTL) : Monitoring Period: Oct 2023 – Dec 2023
 Sampling Location: Air Force School Darbhanga : Protocol Used: CPCB Guidelines
 Sampling Plan & Procedure: SOP-AAQ/08 : Sampling Instrument Used: Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler

S. No.	Monitoring Date	PM10	PM2.5	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	06.10.2023	59.90	24.79	7.18	14.00	0.64
2	09.10.2023	60.19	22.78	8.31	15.26	0.67
3	12.10.2023	62.29	23.73	7.92	15.46	0.65
4	16.10.2023	62.80	22.74	7.34	14.32	0.65
5	20.10.2023	64.40	26.79	8.48	15.02	0.69
6	23.10.2023	61.97	23.81	7.20	14.55	0.67
7	27.10.2023	65.47	22.85	7.96	15.45	0.66
8	30.10.2023	63.46	22.74	7.81	13.93	0.66
9	03.11.2023	65.45	26.76	8.84	15.82	0.67
10	06.11.2023	67.88	23.82	8.11	16.25	0.64
11	10.11.2023	65.92	27.38	8.79	15.26	0.67
12	13.11.2023	67.27	24.86	8.18	15.65	0.67
13	17.11.2023	66.37	25.94	8.79	15.72	0.65
14	20.11.2023	62.67	26.83	8.15	14.96	0.64
15	24.11.2023	65.19	22.71	7.71	14.74	0.67
16	27.11.2023	69.02	22.85	8.55	15.28	0.66
17	02.12.2023	64.75	22.62	7.75	14.07	0.65
18	05.12.2023	62.16	22.77	7.30	14.40	0.64
19	09.12.2023	63.50	22.65	7.75	14.39	0.65
20	12.12.2023	64.42	22.94	7.18	14.37	0.67
21	16.12.2023	68.53	22.77	7.64	13.85	0.66
22	19.12.2023	55.40	22.76	8.66	14.13	0.64
23	23.12.2023	63.60	22.83	7.12	14.47	0.67
24	26.12.2023	57.86	22.85	7.56	14.50	0.68
Min		53.59	22.65	7.12	13.85	0.62
Max		67.88	27.56	8.84	16.25	0.68
Avg.		62.17	24.00	7.94	14.85	0.65
98 percentile		67.60	27.34	8.81	16.05	0.67
NAAQS, For 24 hourly monitoring (except CO) for Eight hour		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: Shikshi & Umashankar

Designation: Analyst

Date: 01/01/2024

Shikshi

Sr. Analyst

03.01.2024

Ajay Anand

Technical Manager/Quality Manager

05/01/2024

ANALYSIS BY

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TEST CERTIFICATE

Test Report of Ambient Air Quality	Report Code AAQ-231223-025	Date of Issue 05/01/2024
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Issued To: M/s. Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3,00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn By: Mr. Soma & Shyam (NTL) :: Monitoring Period: Oct 2023 - Dec 2023

Sampling Location: Kirna Pathra :: Protocol Used: CPCB Guidelines

Sampling Plan & Procedure: SOP-AAQ/08 :: Sampling Instrument Used: Respirable Dust Sampler (PM₁₀), Fine Particulate (PM_{2.5}) Sampler

S. No.	Monitoring Date	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO
		IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)
1	06.10.2023	66.58	31.12	7.41	14.62	0.91
2	09.10.2023	65.04	34.49	8.24	16.03	0.80
3	13.10.2023	68.74	32.37	8.18	16.16	0.83
4	16.10.2023	65.59	37.08	7.59	14.96	0.78
5	20.10.2023	65.23	36.54	8.09	15.69	0.91
6	23.10.2023	63.94	34.45	7.44	15.20	0.90
7	27.10.2023	61.69	31.17	8.23	16.14	0.81
8	30.10.2023	59.88	32.55	8.06	14.56	0.77
9	03.11.2023	66.18	35.47	7.32	16.53	0.80
10	06.11.2023	57.47	32.55	8.16	16.97	0.82
11	10.11.2023	66.68	38.10	8.16	15.95	0.87
12	13.11.2023	65.31	35.74	8.15	16.35	0.85
13	17.11.2023	62.84	38.00	8.09	16.42	0.79
14	20.11.2023	64.75	39.02	8.42	15.63	0.83
15	24.11.2023	63.24	37.88	7.97	15.46	0.86
16	27.11.2023	61.28	34.39	7.93	15.97	0.94
17	02.12.2023	60.14	33.02	8.01	14.70	0.81
18	05.12.2023	61.41	32.25	7.54	15.04	0.92
19	09.12.2023	55.98	29.87	8.01	15.03	0.90
20	12.12.2023	56.24	26.63	6.51	15.03	0.88
21	16.12.2023	52.73	32.33	7.89	14.47	0.80
22	19.12.2023	51.33	34.67	7.33	14.77	0.81
23	23.12.2023	54.60	32.26	7.35	15.12	0.93
24	26.12.2023	56.65	39.33	7.91	15.15	0.92
Min		51.33	26.63	6.51	14.47	0.77
Max		68.74	39.02	8.42	16.97	0.94
Avg.		61.67	33.72	7.80	15.51	0.85
95 percentile		68.15	36.60	8.33	16.77	0.94
NAAQS, For 24 hourly monitoring (except CO for Eight hour)		100 µg/m ³	60 µg/m ³	80 µg/m ³	80 µg/m ³	2 mg/m ³

Name: Shakti & Umashankar
Designation: Analyst
Date: 03.01.2024

Name: Shalu
Sr. Analyst
Date: 03.01.2024

Name: Ajay Adhikari
Technical Manager / Quality Manager
Date: 05.01.2024

ANALYSIS BY
Shakti

CHECKED BY

AUTHORIZED SIGNATORY

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ground Water	GW-231223-013	05/01/2024

Issued To: M/s Airport Authority of India
 Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar
 Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

SAMPLING & ANALYSIS DATA

Sample Drawn On : 22/12/2023
 Sample Received On : 23/12/2023
 Sample Drawn By : Mr. Sonu (NTL Representative)
 Sample Quantity : 2.0 lit. + 500 ml.
 Sample Packing Details : In Sealed Plastic Bottle
 Analysis Duration : 23/12/2023 to 30/12/2023
 Sample Description : Ground Water

S. No.	Parameter	Unit	Project Site	Maulaganj	Bela	Bijli	Diwari	Limit (as per IS:10500:2012)	
								Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1	Colour	Hazen	<1.0	<1.0	<1.0	<1.0	<1.0	5	15
2	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	-
3	Taste	-	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	-
4	Turbidity	NTU	<1.0	<1.0	<1.0	<1.0	<1.0	1	5
5	pH	-	7.46	7.78	7.41	8.01	7.54	6.5-8.5	No Relaxation
6	Total Hardness (as CaCO ₃)	mg/l	219	187	216	192	165	200	600
7	Iron (as Fe)	mg/l	0.152	0.136	0.148	0.160	0.172	1.0	No Relaxation
8	Chlorides (as Cl)	mg/l	92.0	106.4	85.2	81.0	94.5	250	1000
9	Fluoride (as F)	mg/l	0.36	0.41	0.28	0.33	0.25	1	1.5
10	TDS	mg/l	334	330	295	410	335	500	2000
11	Calcium (as Ca ²⁺)	mg/l	46.0	48.5	36.8	45.2	78.0	75	200
12	Magnesium (as Mg ²⁺)	mg/l	18.0	19.4	20.0	21.6	17.2	30	100
13	Copper (as Cu)	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	1.5
14	Manganese (as Mn)	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	0.1	0.3
15	Sulphate (as SO ₄)	mg/l	28.0	45.2	19.4	27.2	30.4	200	400

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16	Nitrate(as NO ₃)	mg/l	3.80	3.21	2.21	4.60	3.40	45	No Relaxation
18	Mercury (as Hg)	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	No Relaxation
19	Cadmium (as Cd)	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	No Relaxation
20	Selenium (as Se)	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	No Relaxation
21	Arsenic (as As)	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	No Relaxation
22	Cyanide (as CN)	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	No Relaxation
23	Lead (as Pb)	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	No Relaxation
24	Zinc (as Zn)	mg/l	0.271	0.246	0.314	0.278	0.345	5	15
25	Anionic Detergent (as MLAS)	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10	0.1	1
26	Chromium (as Cr ⁶⁺)	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	No Relaxation
27	Mineral oil	mg/l	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	No Relaxation
28	Alkalinity as CaCO ₃	mg/l	198	176	210	198	182	200	600
29	Aluminium (as Al)	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.2
30	Boron (as B)	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10	0.5	2.4
31	Free Residual Chlorine	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	1.0
32	Phenolic Compound as (C ₆ H ₅ OH)	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.002
33	Ammonia	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	No Relaxation
34	Sulphide (as H ₂ S)	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	No Relaxation
35	Barium (as Ba)	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10	0.7	No Relaxation
36	Boron (as B)	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10	0.5	2.4
37	Total Coliform	MPN /100ml	Absent	Absent	Absent	Absent	Absent	Absent/100ml	
38	E. coli	E.coli /100ml	Absent	Absent	Absent	Absent	Absent	Absent/100ml	

MLAS Detection Limit

Notes:-

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Name: Sakshi
Designation: Analyst
Date: 31.12.2023

Shalu
Sr. Analyst
03.01.2024

Ajay Adhikari
Technical Manager/ Quality Manager
05.01.2024

ANALYSED BY

CHECKED BY

AUTHORIZED SIGNATORY



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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Ground Water	GW-231223-014	05/01/2024

Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

SAMPLING & ANALYSIS DATA

Sample Drawn On : 22/12/2023
Sample Received On : 23/12/2023
Sample Drawn By : Mr. Sonu (NTL Representative)
Sample Quantity : 2.0 lit. + 500 ml.
Sample Packing Details : In Sealed Plastic Bottle
Analysis Duration : 23/12/2023 to 30/12/2023
Sample Description : Ground Water

S. No.	Parameter	Unit	Happy Hours Play School	Air Force School Darbhanga	Kirma Patra	Limit (as per IS:10500:2012)	
						Requirement (Acceptable Limit)	Requirement (Acceptable Limit)
1	Colour	Hazen	<1.0	<1.0	<1.0	5	15
2	Odour	-	Agreeable	Agreeable	Agreeable	Agreeable	-
3	Taste	-	Agreeable	Agreeable	Agreeable	Agreeable	-
4	Turbidity	NTU	<1.0	<1.0	<1.0	1	5
5	pH	-	7.48	7.36	7.11	6.5-8.5	No Relaxation
6	Total Hardness (as CaCO ₃)	mg/l	182	178	202	200	600
7	Iron (as Fe)	mg/l	0.116	0.120	0.135	1.0	No Relaxation
8	Chlorides (as Cl)	mg/l	76.3	84.5	97.1	250	1000
9	Fluoride (as F)	mg/l	0.39	0.37	0.48	1	1.5
10	TDS	mg/l	520.0	412.0	496.0	500	2000
11	Calcium (as Ca ²⁺)	mg/l	66.80	53.20	30.79	75	200
12	Magnesium (as Mg ²⁺)	mg/l	21.02	18.20	20.06	30	100
13	Copper (as Cu)	mg/l	<0.05	<0.05	<0.05	0.05	1.5
14	Manganese (as Mn)	mg/l	<0.05	<0.05	<0.05	0.1	0.5
15	Sulphate (as SO ₄)	mg/l	26.50	38.40	32.86	200	400
16	Nitrate (as NO ₃)	mg/l	2.98	3.70	4.12	45	No Relaxation
18	Mercury (as Hg)	mg/l	<0.001	<0.001	<0.001	0.001	No Relaxation

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

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19	Cadmium (as Cd)	mg/l	<0.001	<0.001	<0.001	0.003	No Relaxation
20	Selenium (as Se)	mg/l	<0.01	<0.01	<0.01	0.01	No Relaxation
21	Arsenic (as As)	mg/l	<0.01	<0.01	<0.01	0.01	No Relaxation
22	Cyanide (as CN)	mg/l	<0.01	<0.01	<0.01	0.05	No Relaxation
23	Lead (as Pb)	mg/l	<0.01	<0.01	<0.01	0.01	No Relaxation
24	Zinc (as Zn)	mg/l	0.262	0.302	0.376	5	15
25	Anionic Detergent (as MBAS)	mg/l	<0.10	<0.10	<0.10	0.2	1
26	Chromium (as Cr6+)	mg/l	<0.05	<0.05	<0.05	0.05	No Relaxation
27	Mineral oil	mg/l	<0.50	<0.50	<0.50	0.5	No Relaxation
28	Alkalinity as CaCO ₃	mg/l	198.0	176.5	181.4	200	600
29	Aluminium (as Al)	mg/l	<0.01	<0.01	<0.01	0.03	0.2
30	Boron (as B)	mg/l	<0.10	<0.10	<0.10	0.5	2.4
31	Free Residual Chlorine	mg/l	<0.01	<0.01	<0.01	0.2	1.0
32	Phenolic Compound as (C ₆ H ₅ OH)	mg/l	<0.001	<0.001	<0.001	0.001	0.002
33	Amaronia	mg/l	<0.1	<0.1	<0.1	0.5	No Relaxation
34	Sulphide (as H ₂ S)	mg/l	<0.05	<0.05	<0.05	0.05	No Relaxation
35	Barium (as Ba)	mg/l	<0.10	<0.10	<0.10	0.7	No Relaxation
36	Boron (as B)	mg/l	<0.10	<0.10	<0.10	0.5	2.4
37	Total Coliform	MPN /100ml	Absent	Absent	Absent	Absent/100ml	
38	E. coli	E.coli /100ml	Absent	Absent	Absent	Absent/100ml	

BDL- Below Detection Limit

Notes:-

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
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3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Name: Sakshi
Designation: Analyst
Date: 30.12.2023

Sakshi
ANALYSIS BY

Shale
Sr. Analyst
03.01.2024

Shale
CHECKED BY

Ajay Adhikari
Technical Manager/ Quality Manager
05.01.2024

Ajay Adhikari
AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

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TEST CERTIFICATE

Test Report of Ambient Noise	Report Code AN-231223-017	Date of Issue 05/01/2024
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Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

SAMPLING & ANALYSIS DATA

Sample Drawn By	: Mr. Sonu (NTL Representative)
Sample description	: Ambient Noise
Sampling Time	: 24 hrs
Sampling Instrument Used	: Digital Noise Meter
Monitoring Period	: Oct 2023 to Dec 2023
Weather Condition	: Normal

S. No.	Locations	Date of Monitoring	Results		Units
			Day	Night	
1.	Project Site	08.10.2023	63.4	58.1	dB(A)
2.	Maulaganj	24.10.2023	53.2	42.8	dB(A)
3.	Bela	05.10.2023	51.3	42.7	dB(A)
4.	Bijli	04.11.2023	52.8	40.6	dB(A)
5.	Diwari	18.11.2023	48.4	41.3	dB(A)
6.	Happy Hours Play School	23.11.2023	48.6	38.8	dB(A)
7.	Air Force School Darbhanga	01.12.2023	47.1	38.2	dB(A)
8.	Kirma Pathra	06.12.2023	51.8	43.9	Db(A)
Requirement (as per CPCB Guidelines Limits in dB (A) Leq					
Category of Area/ Zone		Day Time	Night Time		
Industrial Area		75	70		
Residential Area		55	45		
Commercial Area		65	55		
Silence Zone		50	40		
Busy Airports		70	65		
All other Airports Excluding proposed Airports		65	60		

Notes: -

- The results given above are related to the tested sample, as received & mentioned parameter. The customer is liable for the above test only.
- Responsibility of the Laboratory is limited to the received sample only.
- Exact report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Name: Shalshi & Umasthankar

Designation: Analyst

Date: 08.12.2023

ANALYSIS BY

Shalu

Sr. Analyst

03.01.2024

CHECKED BY

Ajay Adhikari

Technical Manager/ Quality Manager

05.01.2024

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

E : noida.laboratory@gmail.com, info@noidalabs.com W : www.noidalabs.com



NOIDA TESTING LABORATORIES

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(AN ISO : 9001 : 2015, 14001 : 2015 & ISO 45001 : 2018 & NAHL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCR & HSPCB Recognized Laboratory

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Soil Quality	SQ-231223-015	05/01/2024

Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn On	: 22/12/2023
Sample Received On	: 23/12/2023
Sample Description	: Soil Sample
Sample Quantity	: 2.0 Kg
Sample Drawn By	: Mr. Sonu & Shyam (NTL Representative)
Analysis Duration	: 23/12/2023 to 30/12/2023

		Location	Project Site	Mauliganj	Bela	Bijli
Sr. No.	Parameters	Units	Results	Results	Results	Results
1	pH	-	7.72	7.60	7.72	7.78
2	Saline Conductivity	µmhos/cm	1.5	2.5	3.8	2.4
3	Sodium (as Na)	mg/kg	244.0	272.0	258.0	248.0
4	Water holding capacity	%	34.04	32.04	39.02	38.04
5	Potassium (as K)	Kg/ Hectare	96.04	78.06	90.2	94.20
6	Soil Texture	-	Sandy Loam	Sandy Loam	Sandy Loam	Sandy Loam
7	Sand	%	68.00	66.00	60.00	60.00
8	Clay	%	18.00	22.00	18.00	22.00
9	Silt	%	14.00	12.00	22.00	18.00
10	Calcium (as Ca)	mg/kg	386.0	484.0	352.0	392.0
11	Magnesium (as Mg)	mg/kg	94.06	170.02	150.0	94.06
12	SAR	-	0.90	0.98	0.92	0.84
13	CEC	meq/100gm	41.26	46.46	42.62	48.20
14	Phosphorus (as P)	Kg/ Hectare	11.28	10.42	12.02	10.26
15	Organic carbon	%	0.49	0.50	0.48	0.48
16	Porosity	%	38.12	46.02	40.32	38.16
17	Permeability	cm/hr	1.80	1.86	1.92	1.80
18	Bulk Density	kg/cm ³	1.52	1.44	1.48	1.54
19	Available Nitrogen (N)	Kg/ Hectare	327.0	289.0	316.0	276.0
20	Organic Matter	%	0.82	0.96	0.90	0.78
21	Chloride	mg/kg	163.0	152.8	210	189.0
22	Alkalinity	mg/l	3.2	3.5	4.0	2.6

Notes:-

- The results given above are related to the tested sample, as noted on & mentioned parameters. The customer asked for the above following.
- Responsibility of the Laboratory is limited to the analysis as mentioned.
- This report will not be generated again, either totally or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two months from the date of issue of the report, unless as specified by the customer.

Name: Shaikh

Shah

Ajay Adhikari

Designation: Analyst

Sr. Analyst

Technical Manager/Quality Manager

Date: 30.12.2023

03.01.2024

05.01.2024

ANALYSIS BY

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

E : noida.laboratory@gmail.com, info@noidalabs.com W : www.noidalabs.com



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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Soil Quality	SQ-231223-016	05/01/2024

Issued To: M/s. Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

Sampling & Analysis Data

Sample Drawn On	22/12/2023
Sample Received On	23/12/2023
Sample Description	Soil Sample
Sample Quantity	2.0 Kg
Sample Drawn By	Mr. Sonu & Shyam (NTL Representative)
Analysis Duration	23/12/2023 to 30/12/2023

		Location	Diwari	Happy Hours Play School	Air Force School, Darbhanga	Kirana Pathra
Sr. No.	Parameters	Units	Results	Results	Results	Results
1	pH	-	7.46	7.32	7.26	7.54
2	Saline Conductivity	µmhos/cm	2.4	2.1	3.5	1.8
3	Sodium (as Na)	mg/kg	278.0	260.0	248.0	288.0
4	Water holding capacity	%	40.02	36.02	40.12	30.22
5	Potassium (as K)	Kg/ Hectare	88.41	98.02	78.02	92.12
6	Soil Texture	-	Sandy Loam	Sandy Loam	Sandy Loam	Sandy Loam
7	Sand	%	70.0	64.00	68.00	62.00
8	Clay	%	16.00	20.00	19.00	26.00
9	Silt	%	14.00	16.00	13.00	12.00
10	Calcium (as Ca)	mg/kg	468.0	398.0	490.0	372.0
11	Magnesium (as Mg)	mg/kg	138.0	94.06	170.0	152.0
12	SAR	-	0.92	0.94	0.86	0.96
13	CEC	meq/100gm	41.08	45.26	49.15	42.60
14	Phosphorus (as P)	Kg/ Hectare	12.02	11.04	12.22	11.20
15	Organic carbon	%	0.52	0.42	0.46	0.48
16	Porosity	%	29.06	38.06	46.28	42.04
17	Permeability	cm/hr	1.88	1.92	1.72	1.64
18	Bulk Density	kg/cm ³	1.48	1.62	1.66	1.54
19	Available Nitrogen (N)	Kg/ Hectare	254.0	332.0	298.4	276.5
20	Organic Matter	%	0.76	0.85	0.60	0.82
21	Chloride	mg/kg	195.2	158.6	193	172.2
22	Alkalinity	mg/l	2.5	3.4	2.8	1.6

Notes:-

- The results given above are related to the specific sample, its receipt & analytical parameters. The services asked for the laboratory users.
- Responsibility of the Laboratory is limited to the analytical results only.
- The sample report will not be generated again, either totally or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless specified by the customer.

Name: Shikhar

Shifu

Designation: Analyst

St. Analyst

Date: 18.05.2023

05.06.2023

Ajay Adhikari

Technical Manager/Quality Manager

05.06.2023

ANALYSIS BY

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Surface Water	SW-231223-012	05/01/2024

Issued To: M/s Airport Authority of India

Project Name: Proposed Development & Operation of New Civil Enclave to facilitate 3.00 MPPA at Darbhanga Airport, Bihar

Location: Darbhanga Airport, Village Vasudepur, District- Darbhanga, Bihar

SAMPLING & ANALYSIS DATA

Sample Drawn On : 22/12/2023

Sample Received On : 23/12/2023

Sample Drawn By : Mr. Sonu (NTL Representative)

Sample Quantity : 2.0 lit. + 500 ml.

Sample Packing Details : In Sealed Glass Bottle

Analysis Duration : 23/12/2023 to 30/12/2023

Sample Description : Surface Water

S. No	Parameter	Test Method	Units	Bagmati River Upstream	Bagmati River Downstream	Kamla Nadi Upstream	Kamla Nadi Downstream
1.	pH (at 25°C)	IS:3025(Part-11)	---	7.12	7.36	7.47	7.94
2.	Temperature	IS:3025(Part-9)	°C	20.0	21.0	23.00	24.0
3.	Turbidity	IS:3025(Part-10)	NTU	9.80	12.02	4.15	6.20
4.	Electric Conductivity @25°C	IS:3025(Part-14)	µS/cm	698	712	418	460
5.	Sulphate (SO ₄)	IS:3025(Part-24)	mg/l	34.0	36.0	18.5	21.0
6.	Nitrate (NO ₃)	IS:3025(Part-34)	mg/l	3.60	4.48	2.50	3.04
7.	Total Hardness (as CaCO ₃)	IS:3025(Part-21)	mg/l	218.0	236.0	174.0	189.0
8.	Chloride (as Cl)	IS:3025(Part-32)	mg/l	97.8	105.0	32.20	48.0
9.	Fluoride (as F)	APHA 4500F	mg/l	0.25	0.32	0.21	0.35
10.	COD (as O ₂)	APHA-5220 B	mg/l	16.0	21.0	24.0	25.0
11.	Iron (as Fe)	IS:3025(Part-53)	mg/l	0.26	0.28	0.24	0.27
12.	Dissolve Oxygen	IS-3025(Part-38)	mg/l	5.5	5.2	7.4	6.8
13.	Total Dissolved Solid	IS:3025(Part-16)	mg/l	948.0	453.0	275	288
14.	BOD (3 days at 27°C)	IS:3025 (Part-44)	mg/l	5.8	6.2	5.7	6.0
15.	Calcium (as Ca)	IS:3025(Part-40)	mg/l	46.42	58.0	26.0	34.0
16.	Magnesium (as Mg)	IS:3025(Part-46)	mg/l	15.16	18.2	17.0	20.1

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

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TEST CERTIFICATE

17.	Arsenic (as As)	IS:3025(Part-37)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
18.	Lead (as Pb)	IS:3025(Part-47)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
19.	Copper (as Cu)	IS:3025(Part-42)	mg/l	BDL (<0.05)	BDL (<0.05)	BDL (<0.05)	BDL (<0.05)
20.	Zinc (as Zn)	IS:3025(Part-49)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
21.	Manganese (as Mn)	IS:3025(Part-59)	mg/l	BDL (<0.10)	BDL (<0.10)	BDL (<0.10)	BDL (<0.10)
22.	Total Chromium (as Cr)	IS:3025(Part-52)	mg/l	BDL (<0.05)	BDL (<0.05)	BDL (<0.05)	BDL (<0.05)
23.	Cadmium (as Cd)	IS:3025(P-41)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
24.	Nickel (as Ni)	IS:3025(P-54)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
25.	Mercury (as Hg)	IS:3025(P-48)	mg/l	BDL (<0.001)	BDL (<0.001)	BDL (<0.001)	BDL (<0.001)
26.	Phenolic Compound as (C ₆ H ₅ OH)	IS:3025 (P-43)	mg/l	BDL (<0.001)	BDL (<0.001)	BDL (<0.001)	BDL (<0.001)
27.	Aluminium (as Al)	IS:3025 (P-55)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
28.	Anionic Detergents (as MBAS)	Annex K of IS-13428	mg/l	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)
29.	Total Ammonia	IS:3025 (P-34)	mg/l	2.56	3.02	2.18	2.50
30.	Sulphides as (H ₂ S)	IS:3025 (P-29)	mg/l	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)	BDL (<0.01)
31.	Boron (as B)	IS:3025 (P-57)	mg/l	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)
32.	Colour	IS:3025(P-04)	Hazen	<5.0	<5.0	<5.0	<5.0
33.	Odour	IS:3025(P-05)	-	Agreeable	Agreeable	Agreeable	Agreeable
34.	Taste	IS:3025(P-07 & 08)	-	Agreeable	Agreeable	Agreeable	Agreeable
35.	Free Residual Chlorine	IS:3025 (P-26)	mg/l	<0.01	<0.01	<0.01	<0.01
36.	Total Alkalinity (as CaCO ₃)	IS:3025(Part-23)	mg/l	162	178	189	195
37.	Phosphate (as P)	IS:3025(Part-31)	mg/l	0.11	0.20	0.15	0.25
38.	Nitrite (as NO ₂)	IS:3025(Part-34)	mg/l	0.10	0.18	0.12	0.18
39.	Total Suspended Solid	IS:3025(Part-17)	mg/l	10.8	11.5	9.5	10.2
40.	Faecal Coliform	IS:1622	MPN/100 ml	Present	Present	Present	Present
41.	Total Coliform	IS:1622	MPN/100 ml	Present	Present	Present	Present

Remark- BDL- Below Detection Limit

Notes:-

- The test results shown are related to the tested sample, as received & measured parameters. The customer should fix the scope basis only.
- Responsibility of the Laboratory is limited to the analytical session only.
- The test report will not be generated again, either whole or in part, without prior written permission of the Laboratory.
- The test samples will be disposed off after two weeks from the date of issuance of the report, unless stated specified by the customer.

Name: Sakshi
Designation: Analyst
Date: 30.12.2023

Shalu
Sr. Analyst
03.01.2024

Ajay Adhikari
Technical Manager/ Quality Manager
05.01.2024

ANALYSIS BY

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttarakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttarakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W. : www.noidalabs.com



Noida Testing Laboratories <noida.laboratory@gmail.com>

Extension in accreditation validity

Amit Kumar <amitk@nabl.qcin.org>

Mon, Dec 4, 2023 at 9:45 AM

To: "noida.laboratory@gmail.com" <noida.laboratory@gmail.com>

Dear Sir/Madam,

Noida testing laboratory, Noida (Lab ID- T-1807)

We are pleased to inform that NABL has decided to extend the validity of accreditation from the date of expiry i.e. from 02 Dec 2023 to 02 Jan 2024 (for one month) or till the decision on renewal of accreditation, whichever is earlier to the CAB for the existing scope of accreditation for the disciplines of Chemical and Biological testing (except as mentioned below) having accreditation Certificate no. TC-6814, Issue date- 03.12.2021 valid till 02.12.2023.

Laboratory may continue to issue testing reports with NABL symbol for the existing chemical and Biological testing scope except for test parameters related to NC no.19.

Being an accredited laboratory of NABL, you must fulfill all the Terms and Conditions laid down in our document NABL-131. You are requested to follow latest NABL-133 for using NABL symbol.

Thanks & Regards,

Amit Kumar
Assistant Director

National Accreditation Board for Testing and Calibration Laboratories
(राष्ट्रीय परिक्षण और अंशशोधन प्रयोगशाला प्रत्यायन बोर्ड)
(A constituent Board of Quality Council of India | भारतीय गुणवत्ता परिषद्)

NABL House, [Plot- 45, Sector 44,](#)

Gurgaon - 122002, Haryana

Tel. no.: 91-124-4679771

Mob: [9810229205](tel:9810229205)E mail : amitk@nabl.qcin.orgGet [Outlook for Android](#)



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

NOIDA TESTING LABORATORIES

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

GT - 20, SECTOR - 117, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-6814

Issue Date: 03/12/2021

Valid Until: 02/12/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : Noida Testing Laboratories

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

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एक हजार रुपये
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Rs.1000

6869 20.2.24

AU 967793

UNDERTAKING

I, Shri C.K. Talukdar, S/o Late Padmaadhar Talukdar R/o Assam, Dy. General Manager (E-C) "Airports Authority of India, Darbhanga Airport", having its corporate Headquarters Rajiv Gandhi Bhawan, Safdarjung Airport New Delhi 110003, do solemnly affirm and undertake as under:-

1. That, I am responsible for the "Proposed development & operation of New Civil Enclave to facilitate 3.00 million passengers per annum ("MPPA") (Expansion) at Darbhanga Airport, Bihar. The project is not in violation of the EIA Notification dt. 14.09.2006, and the amendments dated 14.3.2017 and 08.03.2018.
2. There are no litigations pending against the project &/ or land in which the project expansion is proposed.
3. I hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost.

21.2.2024
सि. के. तालुकदार / C. K. Talukdar
ज्य. प्रबन्धक (ई-सी) / Dy. General Manager (E-C)
भारतीय विमानतट प्राधिकरण / Airports Authority of India
दरभंगा विमानतट / Darbhanga Airport

4. I hereby also submit this undertaking as part of the EIA report, owning the contents (information and data) of the application and that the details and data presented are factually correct" (as per OM dated 4 August 2009).

Date:

For Airports Authority of India, Darbhanga Airport

Place:


21.2.2024
C.K. Talukdar
सि. के. तालुकदार / C. K. Talukdar
उप महाप्रबंधक (अभि.-सिविल) / OGM (E-C)
भारतीय विमानचलापन प्राधिकरण / Airports Authority of India
मुंबई - 400 005 / Darbhanga Airport-736005

VERIFICATION

Verified at Darbhanga on 21st Feb of 2024 that the above contents of this undertaking are true and correct and nothing has been concealed thereof.

Date: 21.2.2024

Place: DARBHANGA

For Airports Authority of India, Darbhanga Airport


21.2.2024
C.K. Talukdar
सि. के. तालुकदार / C. K. Talukdar
उप महाप्रबंधक (अभि.-सिविल) / OGM (E-C)
भारतीय विमानचलापन प्राधिकरण / Airports Authority of India
मुंबई - 400 005 / Darbhanga Airport-736005

e-Challan

Registration and Stamps department
Government of Rajasthan

GRN: 0086016531



Payment Date: 22/02/2024 16:57:21

Office Name: DIG, REGISTRATION & STAMPS, JAIPUR CIRCLE-4
Location: JAIPUR (CITY)
Period: 22/02/2024 To 29/02/2024

S.No	Purpose/Budget Head Name	Amount (₹)
1	0030-02-800-02-00-स्टाम्प शुल्क पर अधिकार	100.00
2	0030-02-800-03-00-स्टाम्प शुल्क पर गो वर्क/संख्या हेतु अधिकार	100.00
3	0030-02-800-04-00-प्रकृतिक एवं मानव निर्मित आपदाओं से राहत हेतु अधिकार	100.00
4	0030-02-102-02-00-अन्य गैर-अदायगी स्टाम्प की बिज़ी से आय	1000.00

Commission(-):

0.00

Total/Net Amount:

1300.00

One Thousand Three Hundred Rupees and Zero Paise Only

Payee Details:

Full Name: Gaurang Environmental Solutions Pvt. Ltd.	Tir/Acti.No./VehicleNo./Taxid :
Pan No.(If Applicable):	City(Pincode): Jaipur(302016)
Address: 102 SNG Shree Ratna Apartments Preetal Factory Jhotwara Road Banipark Jaipur	Remarks: Affidavit for EIA Submission of Darbhanga Airport

Payment Details:

Bank: State Bank Of India	Challan No. - 0
Date: 22/02/2024 16:57:21	Bank C/N No: SBIN9601653122022024
	Reference No: IK0CQP5553

Computer generated copy on : 22/02/2024

Country : <https://Egras.rajasthan.gov.in>

UNDERTAKING

I Vipul Khandewal, S/o Shri M.B. Khandelwal, EIA Coordinator, Gaurang Environmental Solution Pvt. Ltd., having its registered office at 102, SNG Shree Ratna Apartment, Preetal Factory, Jhotwara Road, Banj Park, Jaipur, 302016, do hereby affirm and declare as under:-

- That, I am EIA Coordinator for the "Proposed development & operation of New Civil Enclave to facilitate 3.00 million passengers per annum ("MPPA") (Expansion) at Darbhanga Airport, Bihar.



ATTESTED
NOTARY PUBLIC
Jaipur (Raj), INDIA



22 FEB 2024

2. That, all the details and data presented are factually correct to the best of my knowledge and belief (as per OM dated 4 August 2009)

Date: 22.02.2024

Place: Jaipur



Gaurang Environmental Solutions Pvt. Ltd.

VERIFICATION

Verified at Jaipur on 22.02.2024 that the above contents of this undertaking are true and correct and nothing has been concealed thereof.

Date: 22.02.2024

Place: Jaipur



Gaurang Environmental Solutions Pvt. Ltd.



ATTESTED
NOTARY PUBLIC
GOVT. OF INDIA

22 FEB 2024

Minutes of Public Hearing

In compliance to the Ministry of Environment, Forest and Climate Change, Government of India notification no. S.O. 1533 dated 14.09.2006 State Environment Impact Assessment Authority issued the Terms of reference file no. SIA/7(a)/2492/2023 dated 29.12.2023 to the Airport Authority of India (AAI) for the project Proposed Expansion of Darbhanga Airport, Bihar to facilitate 3.00 MPPA for development of New Civil Enclave for commercial flights to obtain the environmental clearance for the proposed expansion public hearing was conducted on 15.02.2024, at 3:00 PM at Block Auditorium, District-Darbhangha (List of presented officials enclosed as Annexure-1).

With the due permission, S.N. Thakur, Regional officer of Bihar State Pollution Control Board initiated the proceedings of the public hearing by welcoming the Upper Collector, Director of Airport Authority, Block Development Officer, Environment Consultant and the dignitaries present in the auditorium and informed the people about the provision & process of public hearing. Director of Airport Authority Sh. Parth Saha informed the public present there about the existing capacity of Darbhanga Airport is 300 Passengers per hour. Seeing the increase in the no. of passengers at Airport Govt. of India has decided to increase its existing passenger capacity to 1080 passengers per hour and the related facilities in which the Master Plan of the New Civil Enclave will include construction of centrally air-conditioned, carbon neutral & GRIHA-5 compliant New Domestic Terminal Building which includes two basement floors, Arrival floor, Mezzanine floor, Departure Floor, deck and roof.; utility block, parking, fuel stations, GSE area, Apron, link taxiway, roads etc.

Detailed information regarding the project was given by Shri Abhishek Gautam, Environment Consultant of Gaurang Environmental Solutions Private Limited, Jaipur. That this data is based on environmental surveys conducted prior to the construction of the project and detailed information on possible water pollution, air pollution, and noise pollution during the construction of the project has been given. And also gave information about the measures that will be taken to prevent it.

With the due permission of Officer, suggestions and opinion of persons present there which are as follows:

S.No.	Persons name with Address	Suggestion	Reply
1.	Sh. Navneet Kumar Chaudhary, Gram Ranipur	Earlier also my land was acquired and now again they are acquiring the land because of which we are landless and unemployed. Finally it's a request to give employment to the displaced people. Now the cost of the land is very high that the compensation amount which is given is less in which we are not able to buy any land for living.	Director of Airport Authority informed the people that the affected people will be given preference to get employment according to their ability.
2.	Sh. Dilip Kumar Mish, Gram Panchayat-Atihar (Former head)	Trees are planted by govt. but due to lack of care they are not able to survive. So as the environment consultant told that the plantation will be done, before to it area should be four walled and they safety should be ensured. Land of Adarash High School, Atihar has been encroached by cutting the trees. It is requested by him that the transportation of the necessary material required for the construction of building should be done in covered, water sprinkling should be done on access road and the development of building should be done by using green net.	Assurance has been given by the Director of Airport Authority that before construction of building four walled will be constructed as well as it is also assured as air pollution control measure to protect trees, water sprinkling and development of building will be done by using Green net.

3.	Sh. Manoj Kumar Chaudhary, Garm Ranipur, Purvari Tola	He informed that his whole land is been acquired, and now they are landless, only single person is employed and I am not having any solution. Therefore, I request to give employment as per my capability. It was also requested that safety should be provided from the increase in the oncoming vehicle traffic.	It has been informed by the environmental Consultant that in the construction work of this project, on the basis of priority, the stationary people will be given employment, pollution under control certificate vehicles will be used, use of honking will be limited, fixed speed limits will be introduced, So that the local person can remain safe.
4.	Sh. Raj Kumar Das, Head, Gram Panchayat, Ranipur	They pointed out that at the time of land acquisition, some part is shown as residential and the rest is shown as developing due to which the amount of compensation received is less and the villagers are not satisfied. Apart from this, it was also told that during the construction work of the project, there will be dust, for which proper arrangements should be made to prevent it. Police check posts should be arranged for the safety of the general public. Proper arrangements should be made to	The director of the airport authority informed that approval has been received for the police checkpoint for the safety of the local public. To ensure that the groundwater level does not go down, rain water harvesting will be done.

		ensure that the underground water level does not go down.	
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With the due permission of the Chairperson, Block Development Officer has given special information to the people that those who are concerned about land acquisition can submit their application to the District Land Acquisition Officer, which will be resolved by them.

The Chairperson informed the people that during the construction of the project, adequate measures have been suggested by the environmental consultants to mitigate possible water, air, noise pollution and dust suppression and compliance to this has been assured by the Director of the airport authority. This will be checked by the officials of Bihar State Pollution Control Board. This project is a boon for the localities and for Darbhanga, from which there will be overall development of the people here or people will get employment opportunities either directly or indirectly or the economic situation will improve. This project is welcome for the people. All the noble persons present agreed in favor of the project and requested that it be should be sent to the Liable authorities with recommendations for approval.

At last, with the due permission of the Chairman, the program of public hearing was announced to end with a vote of thanks by the Regional Officer.

Regional Officer
Bihar Pollution Control Board
Muzaffarpur

Upper Collector
Darbhanga

लोक सुनवाई का वृत्त

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार के अधिसूचना संख्या - एस. ओ. 1533 दिनांक 14.09.2006 के आलोक में राज्य पर्यावरण प्रभाव समाघात अधिकरण द्वारा निर्गत Terms of Reference (ToR) पत्र सं. एसआईए/7(ए)/2492/2023 दिनांक 29.12.2023 के क्रम में मे० एयरपोर्ट अथॉरिटी ऑफ इंडिया द्वारा प्रस्तावित "दरभंगा हवाई अड्डा", बिहार का विस्तार कर 3.00 एम.पी.पी.ए. की सुविधा के लिए नया सिविल एन्क्लेव का विकास एवं वाणिज्यिक उड़ानों से संबंधित पर्यावरणीय स्वीकृति हेतु दिनांक: 15.02.2024 को अपराह्न 3:00 बजे प्रखंड सभागार, सदर दरभंगा के सभा कक्ष में आयोजित लोक सुनवाई अपर समाहर्ता दरभंगा की अध्यक्षता में की गयी (उपस्थित महानुभावों का सूची संचालन - Annexure 1)

लोक सुनवाई के अध्यक्ष महोदय के अनुमति से लोक सुनवाई की कार्यवाही बिहार राज्य प्रदूषण नियंत्रण पथद के क्षेत्रीय पदाधिकारी, एस एन ठाकुर द्वारा प्रारंभ की गयी। इनके द्वारा सर्वप्रथम सभा में उपस्थित अपर समाहर्ता महोदय, एयरपोर्ट अथॉरिटी के निदेशक, प्रखंड विकास पदाधिकारी, परियोजना के पर्यावरण सलाहकार एवं सभाकक्ष में उपस्थित महानुभावों का हार्दिक स्वागत करते हुए लोक सुनवाई के उद्देश्य से विस्तृत रूप में अवगत कराया गया।

एयरपोर्ट अथॉरिटी के निदेशक श्री पार्थ साहा द्वारा प्रस्तावित परियोजना के संबंध में उपस्थित महानुभावों को बताया की दरभंगा हवाई अड्डा पर वर्तमान यात्री प्रबंधन क्षमता 300 व्यक्ति प्रति घंटा की है। हवाई अड्डा पर निरंतर बढ़ते यात्रियों की संख्या को ध्यान में रखते हुए भारत सरकार द्वारा निर्णय लिया गया की वर्तमान क्षमता का विस्तार कर यात्री प्रबंधन क्षमता 1080 व्यक्ति प्रति घंटा की जाय एवं इससे संबंधित सुविधा के रूप में नई सिविल एन्क्लेव के मास्टर प्लान में केन्द्रीय वातानुकूलित, कार्बन न्यूट्रल और ग्रीहा-5 का अनुपालन करती हुए नई डोमेस्टिक टर्मिनल बिल्डिंग का निर्माण की जाये जिसमें दो बेसमेंट मंजिल, आगमन मंजिल, मेजेनाइन मंजिल, प्रस्थान मंजिल, डेक एवं छत, उपयोगिता ब्लॉक, पार्किंग, ईंधन स्टेशन, जी.एस.ई क्षेत्र, एप्रन, लिंक टैक्सी वे एवं सड़कें आदि शामिल हैं।

गौरांग एनवायरनमेंटल सॉल्यूशन प्राइवेट लिमिटेड, जयपुर के पर्यावरण सलाहकार, श्री अभिषेक गौतम, द्वारा परियोजना के संबंध में विस्तृत रूप से जानकारी दिया गया। इस परियोजना के निर्माण के पूर्व पर्यावरणीय स्थिति संबंधी की गयी सर्वेक्षण के आँकड़ों एवं परियोजना के निर्माण क्रम में

2

संभावित जल प्रदूषण, वायु प्रदूषण एवं ध्वनी प्रदूषण के बारे में विस्तृत रूप से बताया गया। साथ ही इसके रोकथाम के लिये की जाने वाली व्यवस्था के बारे में जानकारी दी गयी।

अध्यक्ष महोदय के अनुमति से उपस्थित महानुभवों द्वारा सुझाव एवं मंतव्य दिया गया, जो इस प्रकार है:-

क्रम सं	महानुभाव का नाम एवं पता	दिया गया सुझाव	उत्तर
1	श्री नवनीत कुमार चौधरी, ग्राम रानीपुर	पूर्व में भी मेरा जमीन अधिग्रहण किया गया तथा पुनः अधिग्रहण किया जा रहा है, जिसके कारण हम भूमिहीन हो गये हैं, बेरोजगार हो गये हैं। अतः अनुरोध है की विस्थापित लोगों को रोजगार दिया जाये। यहाँ का जमीन इतना कीमती हो गया है कि मिले हुए मुआवजा से हम निवास करने योग्य जमीन खरीद नहीं पा रहे हैं।	एयरपोर्ट अथॉरिटी के निर्देशक द्वारा अवगत कराया गया कि प्रभावित लोगों को प्राथमिकता के आधार पर रोजगार एवं उनके योग्यता अनुसार कार्य करने का मौका दिया जायेगा।
2	श्री दिलीप कुमार मिश्र, ग्राम पंचायत अतिहर के पूर्व मुखिया।	सरकार के द्वारा पेड़ लगाया जाता है, परंतु रक्षा के अभाव में वह जीवित नहीं रह पाता है। इसलिये जिस तरह से पर्यावरण सलाहकार द्वारा यह बताया गया है कि वृक्षारोपण की जायेगी, तो उसके पहले उस स्थल का चाहर दिवारी की जाये और उसकी सुरक्षा भी सुनिश्चित की जाये। आदर्श उच्च विद्यालय अतिहर के जमीन पर लगे पेड़ों का कटाई कर अतिक्रमण भी कर लिया गया है। इनके द्वारा अनुरोध किया गया की भवन निर्माण हेतु आवश्यक सामग्री का परिवहन ढक कर की जाये,	एयरपोर्ट अथॉरिटी के निर्देशक द्वारा आश्वासन दिया गया की भवन निर्माण कार्य करने से पूर्व चाहर दिवारी का निर्माण किया जायेगा साथ ही इनके द्वारा यह भी आश्वासन दिया गया की वायु प्रदूषण नियंत्रण के लिये पेड़ों का समुचित सुरक्षा, जल छिड़काव एवं भवन निर्माण का कार्य ग्रीन नेट का उपयोग करते हुए ही की जायेगी।

		पहुँच पथ पर नियमित रूप से जल छिड़काव एवं भवन निर्माण का कार्य ग्रीन नेट का उपयोग करते हुए की जाये।	
3	श्री मनोज कुमार चौधरी, ग्राम रानीपुर पुरवारी टोला	इन्होंने अवगत कराया की मेरा पूरा जमीन अधिग्रहण कर लिया गया है, हम भूमिहीन हो गये है और मात्र एक मजदूर के रूप में है, मेरे पास कोई साधन नहीं है। इसलिये मेरा अनुरोध है की हमारी योग्यता के अनुसार मुझे मजदूरी भी दी जाये। साथ ही अनुरोध किया गया की बढ़ते गाड़ियों का आवागमन से सुरक्षा प्रदान की जाये।	पर्यावरण सलाहकार द्वारा अवगत कराया गया की इस परियोजना के निर्माण कार्य में प्राथमिकता के आधार पर स्थानीय लोगों को ही रोजगार दिया जायेगा, प्रदूषण नियंत्रण संबंधी प्राप्त प्रमाण पत्र वाले गाड़ियों का उपयोग, न्यूनतम हॉर्न का प्रयोग, निर्धारित गति सीमा के अंदर प्रचालन किया जायगा, जिससे स्थानीय व्यक्ति सुरक्षित रह सके।
4	श्री राज कुमार दास, मुखिया, ग्राम पंचायत रानीपुर	इनके द्वारा अवगत कराया की जमीन का अधिग्रहण करते समय कुछ भाग को आवासीय एवं शेष को विकासशील दिखाया गया है जिसके कारण मुआवजा की राशी कम मिला है जिससे ग्रामीण असंतुष्ट है। इसके अतिरिक्त यह भी बताया गया की परियोजना के निर्माण कार्य के क्रम में धूलकण उड़ेगी, इसके रोकथाम की उचित व्यवस्था होना चाहिये। आम जनता की सुरक्षा के लिये पुलिस चेकपोस्ट की व्यवस्था करायी जाये। भूमिगत जल का स्तर नीचे नहीं जाये, इसके लिये उचित व्यवस्था किया जाना चाहिये।	एयरपोर्ट अथॉरिटी के निदेशक द्वारा अवगत कराया गया की स्थानीय जनता की सुरक्षा के लिये पुलिस चेकपोस्ट की स्वीकृति प्राप्त हो गयी है। भूमिगत जल का स्तर नीचे नहीं जाये, इसके लिये रेन वाटर हार्वेस्टिंग किया जायेगा।

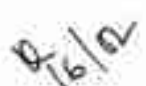
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अध्यक्ष महोदय की अनुमति से प्रखंड विकास पदाधिकारी द्वारा लोगों को विशेष रूप से जानकारी दी गयी कि भूमिअर्जन से सम्बन्धित जो भी समस्या है, उसके लिये जिला के भुअर्जन पदाधिकारी के पास अपना आवेदन दे सकते हैं जिसका समाधान उनके द्वारा किया जायेगा।

अध्यक्ष महोदय द्वारा लोगों को बताया गया की पर्यावरण सलाहकार द्वारा परियोजना के निर्माण क्रम में संभावित जल, वायु, ध्वनी प्रदूषण एवं धूलकण शमन के लिये पर्याप्त उपाय की व्यवस्था की गयी है जिसका अनुपालन करने के लिये एयरपोर्ट अथॉरिटी के निदेशक द्वारा आश्वासन दिया गया है। साथ ही इसका देख रेख/ जाँच बिहार राज्य प्रदूषण नियंत्रण पर्षद के पदाधिकारी द्वारा की जायेगी। यह परियोजना स्थानीय एवं दरभंगा के लिये वरदान स्वरूप है, जिससे यहाँ के लोगों का सर्वांगीण विकास होगा एवं लोगों को प्रत्यक्ष एवं परोक्ष रूप से रोजगार का अवसर प्राप्त होगा तथा आर्थिक स्थिति सुदृढ़ होगी। यह परियोजना लोगों के लिये स्वागत योग्य है। उपस्थित सभी महानुभाव द्वारा परियोजना के पक्ष में सहमति प्रदान की गयी एवं अनुरोध किया गया की इसकी स्वीकृति के लिये अनुशंसा के साथ सक्षम पदाधिकारी के पास भेजी जाय।

अंत में अध्यक्ष महोदय की अनुमति से लोक सुनवायी का कार्यक्रम क्षेत्रीय पदाधिकारी द्वारा सधन्यवाद समाप्त करने की घोषणा की गयी।


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अपर समाहर्ता
दरभंगा