

FORM-7
[REGULATION-9]

Quarterly progress report for quarter ending **JUNE** of **2023**

I. PARTICULARS OF PROJECT

Project Registration Number	BRERAP00041-5/68/R-1394/2022	Name of Project/Phase of Registered Project	LOTUS PLAZA
Name of Promoter	SANJAY KUMAR SINHA	Project Address	GOLA ROAD, PATNA
Name of Co-promoter			
Project Registration is valid up to	15.03.2027		
Starting date of Project or Phase of the Project	12.05.2022		
Type of Project or Phase of the Project	1. Residential 2. Commercial 3. Residential-cum-Commercial 4. Plotted project	Residential Cum Commercial	
Period of validity of map by the Competent Authority	12.02.2025		

II. DISCLOSURE OF SOLD/BOOKED INVENTORY OF APARTMENTS

Building/Block Number	Apartment Type	Carpet Area	Total Number of sanctioned apartments	Total Number of Apartments -
BLOCK-A (COMMERCIAL)	1. 1 BHK -	3 BHK	BLOCK-A 13 UNITS BLOCK-B 48 FLATS	1. Booked/ Allotted- 18 2. Sold -
BLOCK-B (RESIDENTIAL)	2. 2 BHK, -			
	3. 3 BHK -			
	4. Shop -			
	5. Bungalow -			
	6. Plot etc. -			

III. DISCLOSURE OF SOLD / BOOKED INVENTORY OF GARAGES

Building / Block Number	Total Number of Sanctioned Garages	Total Number of Garages:	
		1. Booked/Allotted	- 18
	48 GARAGE	2. Sold	-

IV. DETAILS OF BUILDING APPROVALS

(If already filed along with Registration Application, then there is no need of further filing)

S. No.	Name of the Approval / N.O.C./ Permission / Certificate	Issuing Authority	Applied Date	Issuance Date	Enclosed as Annexure No.
1.	NOC for Environment	SEIAA BIHAR		03.08.2022	F.NO.- SIA/8(a)/2030/2022 (Attached)
2.	Fire N.O.C.	FIRE OFFICER , BIHAR		24.12.2021	FILE NO.- 36/1783/2021 (Attached)

3.	Water Supply Permission				
4.	NOC from Airport Authority of India	AAI		19.05.2022	PATN/EAST/B/042822/668822(Attached)
5.	Other Approval(s), if any, required for the Project.				

V. CONSTRUCTION PROGRESS OF THE PROJECT

1. Plan Case No. **103/21-22** (To be filled for each Building / Wing)

S. No. (1)	Tasks / Activity (2)	Percentage of Actual Work Done (As on date of the Certificate) (3)
1.	Excavation (if any)	70%
2.	Basements (if any)	65%
3.	Podiums (if any)	NA
4.	Plinth	70%
5.	Stilt Floor	YES
6.	Slabs of Super Structure	8 TH FLOOR OUT OF 12 TH FLOOR(BLOCK-B)
7.	Internal walls, Internal Plaster, Floorings, Doors and Windows within Flats /Premises.	UNDER PROGRESS
8.	Sanitary Fittings within the Flat/Premises, Electrical Fittings within the Flat/Premises	NOT DONE
9.	Staircases, Lifts Wells and Lobbies at each Floor level, Overhead and Underground Water Tanks.	NOT DONE
10.	External plumbing and external plaster, elevation, completion of terraces with waterproofing of the Building/Wing.	NOT DONE
11.	Installation of Lifts, water pumps, Fire Fighting Fittings and Equipment as per CFO NOC, Electrical fittings, Mechanical Equipment, compliance to conditions of environment/CRZ NOC, Finishing to entrance lobby/s, plinth protection, paving of areas appurtenant to Building/Wing, Compound Wall and all other	NOT DONE

	requirements as me be required to complete project as per Specifications in Agreement of Sale.	
	Any other activities.	

VI. AMENITIES AND COMMON AREA AND EXTERNAL INFRASTRUCTURE DEVELOPMENT WORKS

S. No.	Common Areas and Facilities	Proposed (Yes/No)	Percentage of actual Work Done (As on date of the Certificate)	Details
(1)	(2)	(3)	(4)	(5)
1.	Internal Roads & Footpaths	YES	UNDER PROGRESS	
2.	Water Supply	YES	20%	
3.	Sewerage (Chamber, Line, Septic Tank, STP)	YES		
4.	Storm Water Drains	YES		
5.	Landscaping & Tree Planting	YES		
6.	Street Lighting	YES		
7.	Community Buildings	YES		
8.	Treatment and Disposal of Sewage and Sullage Water	NO		
9.	Solid Waste Management & Disposal	NO		
10.	Water Conservation / Rain Water Harvesting	NO		
11.	Energy Management	NO		
12.	Fire Protection and Fire Safety Requirements	NO		
13.	Closed Parking	YES	UNDER PROGRESS	

14.	Open Parking	NO		
15.	Electrical Meter Room, Sub-Station, Receiving Station	YES		
16.	Others (Option to Add More)			

VI A EXTERNAL AND INTERNAL DEVELOPMENT WORKS IN CASE OF PLOTTED DEVELOPMENT

		PROPOSED YES/NO.	PERCENTAGE OF ACTUALWORK DONE (As on date of certificate)	Details
1.	Internal Roads and foot paths	NA		
2.	Water Supply	NA		
3.	Sewerage Chambers Septic Tank	NA		
4.	Drains	NA		
5.	Parks, Land Scaping and Tree Planting	NA		
6.	Street Lighting	NA		
7.	Disposal of sewage & sullage water	NA		
8.	Water conservation/Rain Water Harvesting	NA		
9.	Energy Management	NA		

VII. GEO TAGGED AND DATE PHOTOGRAPH OF(EACH BLOCK) OF THE PROJECT

(A)	Sr. No.		
	1.	Front Elevation	ATTACHED
	2.	Rear Elevation	ATTACHED

	3.	Side Elevation	ATTACHED
(B)		Photograph of each floor	

VIII. FINANCIAL PROGRESS OF THE PROJECT

S. No.	Particulars	Amount (In Rs.)
(1)	(2)	(3)
1.	Project Account No.	529601010036924
2.	Estimated Cost of the Project including land cost at the start of the Project	20,50,40,000.00
3.	Amount received during the Quarter	62,39,047.00
4.	Actual Cost Incurred during the Quarter	69,10,450.00
5.	Net amount at end of the Quarter	7,80,006.00
6.	Total expenditure on Project till date	4,70,34,410.00
7.	Cumulative fund collected till the end of Quarter in question	
8.	Cumulative expenditure done till the end of Quarter in question	

IX. DETAILS OF MORTGAGE OR CHARGE IF ANY CREATED

X. MISCELLANEOUS

A	List of Legal Cases (if any)	
1.	Case No.	
2.	Name of Parties	
B	Sale/Agreement for Sale during the Quarter	
1.	Sale Deed	
2.	Agreement for Sale	

XI. PERCENTAGE OF WORK ALONG WITH MILESTONE CHART

Weather the project in progress is as per time schedule or lagging behind?

Undertaking:

I/we solemnly affirm, declare and undertake that all the details stated above are true to the best of my knowledge and nothing material has been concealed here from. I am/we are executing this undertaking to attest to the truth of all the foregoing and to apprise the Authority of such facts as mentioned as well as for whatever other legal purposes this undertaking may serve.


Signature of Promoter

Name: SANJAY KUMAR SINHA

Date: 14.07.2023



पृष्ठ सं.

File No. 16/1781/2021

औपबन्धिक अग्नि निवारण एवं अग्नि सुरक्षा अनापत्ति प्रमाण पत्र
बिहार अग्निशमन सेवा अधिनियम, 2014 की धारा-02 की उपधारा-(छ) के अर्धीन
बिहार अग्निशमन सेवा नियमावली, 2021 के नियम 15 (च)(iii) के अन्तर्गत
निदेशक, राज्य अग्निशमन सेवा, बिहार, पटना का कार्यालय।

प्रेषक,

सेवा में,

निदेशक,
राज्य अग्निशमन सेवा,
बिहार, पटना ।

श्री संजय कुमार सिन्हा,
पिता-श्री धर्मेन्द्र प्रसाद सिंह,
पटना ।

संदर्भ :- क्रमांक... 8097 दिनांक 24/12/2021

आवेदनकर्ता मे० अभियंता, पंकज कुमार कर्ण (विशिष्ट आई.डी.नं० ENGR/06/2015/NPDN)

विषय : भवन निर्माण के लिए औपबन्धिक अनापत्ति प्रमाण पत्र निर्गत ।

महोदय,

राज्य अग्निशमन सेवा, बिहार, पटना के द्वारा गठित अग्नि सुरक्षा एवं निवारण स्कंध (FSPW) की संतुष्टि के उपरान्त व उक्त समिति में शामिल विशेषज्ञों की अनुशंसा के आलोक में भवन निर्माणकर्ता मे० संजय कुमार सिन्हा के द्वारा प्रस्तावित भवन/ब्लॉक का निर्माण हेतु बिहार अग्निशमन सेवा नियमावली, 2021 के नियम 15 (च) (iii) के अंतर्गत औपबन्धिक अनापत्ति प्रमाण पत्र निर्गत किया जाता है ।

प्रस्तावित भवन योजना से संबंधित भवन का नाम M/s Nutan Construction, निदेशक श्री संजय कुमार सिन्हा, पिता-श्री धर्मेन्द्र प्रसाद सिंह, प्लॉट नं०-1390, 1391, खाता नं०-176, तौजी नं० 5399, थाना नं० 21, थाना मौजा-दानापुर, जिला-पटना अधिभोग आवासीय-सह-व्यवसायिक उप श्रेणी भवन की ऊँचाई 37.20 (मीटर में) फर्श क्षेत्र 9715.07 वर्गमीटर, भवन के तलों की संख्या 7 एवं 12, तलघर की संख्या 1 एवं 1, स्लिट/भूतल की संख्या 1 एवं 1, भवन के ब्लॉक की संख्या 2, प्रत्येक मंजिल का औसत अधिभोग भार 48, लिफ्ट की संख्या 4, फायर लिफ्ट की संख्या 1, रैम्प की संख्या 2, आपातकालीन शरण स्थल (रिफ्यूजी एरिया) की संख्या शून्य, फायर टावर की संख्या है। राष्ट्रीय भवन संहिता के दिशा-निर्देश, स्थानीय भवन नियमावली एवं स्थानीय परिस्थिति के आधार पर निम्नलिखित सलाह/अनुशंसा के साथ भवन निर्माण योजना की स्वीकृति दी जाती है, जिसका अनुपालन संबंधित वास्तुविद/भवन निर्माणकर्ता/भू-स्वामी के द्वारा किया जाएगा।

भवन योजना पर प्रतिहस्ताक्षर के बाद आपके अनुमोदन हेतु अग्रसारित किया जाता है :-

(1) भवन निर्माणकर्ता द्वारा भवन के लिए खुली जगह (मीटर) (उत्तर 12.00 मी०, दक्षिण 8.00 मी०, पूर्व 8.00 मी०, पश्चिम 8.00 मी०) एवं पलायन के साधन (आंतरिक सीढ़ियों की संख्या 2, चौड़ाई 1.19, 1.22 (मीटर)/बाह्य सीढ़ियों की संख्या 2, चौड़ाई 1.29, 1.14 (मीटर) प्रस्तावित किया गया है ।

(2) खुला स्थान एवं पहुँच-

(क) भवन के चारों तरफ तत्समय प्रवृत्त भवन उपविधि एवं अन्य तत्संबंधी अधिनियम/नियम/विनियमन/स्थानीय आवश्यकता के अनुसार खुला स्थान होगा एवं अग्निशमन दस्ते के पहुँच एवं घुमाने के लिए न्यूनतम 3.60 मीटर जगह (भवन श्रेणी एवं निर्माण के अनुसार परिवर्तनीय) छोड़ा जाना चाहिए ।

(ख) भवन का पहुँच पथ मजबूत एवं चौड़ी हो जो 20 मिट्टिक टन अग्निशामक वाहन का भार आसानी से सहन कर सके।

(ग) भवन के प्रवेश द्वार की चौड़ाई 4.5 मीटर एवं ऊँचाई 5 मीटर से कम नहीं होना चाहिए।

(3) बनावट :-

(क) प्रस्तावित भवन का पूरा निर्माण अनुमोदित योजना के अनुसार बिहार भवन उपविधि, 2014 समय-समय पर यथा संशोधित तथा स्थानीय नगर निकाय के भवन संबंधी नियमों को ध्यान में रखकर किया जाएगा ।

(ख) भवन का फर्श क्षेत्र 750 वर्गमीटर से अधिक होने की स्थिति में अलग अलग दिवाने में उचित रूप में छात तक बाँटा जाएगा, जिसमें कम से कम दो छंटे तक अग्नि प्रतिरोधक क्षमता होगा।
(ग) भवन की अतिरिक्त सजावट अग्नि फैलाव निरोधक सामग्री से बना हुआ आईओएसओ गुण स्तर का होगा।

(घ) भवन के केंद्रीय कोर डक्ट का crown के पास वेंटीलेशन का प्रावधान होगा। सभी उच्च डक्ट का सीढ़ी पर्याप्त अग्नि निरोधक क्षमता के सामग्री से करने का व्यवस्था करना होगा।

(4) सीढ़ी :-

(क) भवन का सीढ़ी बंद प्रकार का होगा। पूरे भवन निर्माण कार्य ईट/आर.सी.सी. से न्यूनतम 04 घंटे के अग्नि प्रतिरोधक क्षमता का होगा।

(ख) भवन का सीढ़ी के उपरी भाग में स्थायी भेंट होगा जो सीढ़ी के क्रॉस सेक्शन एरिया का 05 प्रतिशत होगा। साथ ही सीढ़ी के क्रॉस सेक्शन क्षेत्र का 15 प्रतिशत क्षेत्र के बराबर प्रत्येक मंजिल के स्तर पर खुलने योग्य Sashes होगा। यह भवन के बाहरी दीवार पर प्रदान किया जाएगा।

(ग) भवन के सभी सीढ़ियों का निर्माण कमरे से अलग होगा एवं किसी भी कमरे में प्रवेश किये बिना हर मंजिल पर एक दूसरे से परगम्य होगा, जिसे संबंधित छत के लेवल तक बढ़ाया जाएगा। सीढ़ी वाली दीवाल को छत आस-पास की छत के क्षेत्र से 1 मीटर ऊपर होगी।

(घ) विभिन्न श्रेणी के भवनों में सीढ़ी की चौड़ाई तथा कोरिडोर एवं यात्रा दूरी संबंधित भवन नियमों के अनुसार होगा।

(ङ) दो सीढ़ी के मामले में एक सीढ़ी बाहरी दीवाल से होनी चाहिए।

(च) तलघर तक पहुँच के लिए दोनों सीढ़ी तलघर मंजिल तक नहीं जाना चाहिए। पहुँच के लिए एक अलग सीढ़ी होगा।

(5) अग्नि सुरक्षा प्रणाली :- राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित के प्रावधानों के आलोक में निम्नलिखित अग्नि सुरक्षा उपायों के प्रावधान के साथ अनुमोदित भवन योजना अग्रसारित किया जाता है:-

- (क) होज रील
- (ख) वेट राईजर-सह-डाउन कमर सिस्टम (2 अदद)
- (ग) यार्ड हाईड्रेंट सिस्टम
- (घ) हस्तचालित विद्युत अग्नि एलार्म सिस्टम
- (ङ) पूरे भवन में ऑटोमेटिक डिटेक्शन एण्ड अलार्म सिस्टम
- (च) स्प्रिंकलर सिस्टम (आवश्यकतानुसार)
- (छ) भूतल स्टैटिक टैंक की क्षमता 1,00,000 लीटर
- (ज) ओभर हेड वाटर टैंक 30540,20190 लीटर क्षमता
- (झ) एक पम्प हाउस 14 एल.पी.एम. इलेक्ट्रीक एवं डीजल, 650 एल.पी.एम. जॉकी पम्प, शून्य एल.पी.एम. बूस्टर पम्प
- (ञ) फायर एक्सटिंग्यूशर

(6) संबंधित अधिनियम/नियम/विनियमन जैसे- बिहार भवन उपविधि, 2014, समय-समय पर यथा संशोधित राष्ट्रीय भवन संहिता, 2016, समय-समय पर यथा संशोधित बहुमंजिली भवन निर्माण विनियम, 1981, बिहार अग्निशमन सेवा अधिनियम, 2014, बिहार अग्निशमन सेवा नियमावली, 2021 में संबंधित अधिभाग के लिए वांछित अन्य शर्तों का पालन किया जाएगा। कुछ शर्तें निम्न प्रकार है :-

(क) लिफ्ट :-

(i) भवन का लिफ्ट की दीवार न्यूनतम 02 घंटे का अग्नि निरोधक क्षमता का होगा।

(ii) भवन का लिफ्ट उच्च गति "फायर लिफ्ट" पर डिजाइन की जाएगी और योजना में स्पष्ट रूप से चिन्हित होगा।

(iii) सामान्य विद्युत आपूर्ति की विफलता के मामले में, स्वचालित वैकल्पिक व्यवस्था होना चाहिए। अपावरि भवनों के लिए विद्युत आपूर्ति में परिवर्तन हेतु हस्ताचालित परिवर्तनीय स्थापन के माध्यम में यह व्यवस्था किया जा सकता है। वैकल्पिक रूप से लिफ्ट इस तरह से वायर्ड होगा कि विजली की विफलता की स्थिति में भी यह जमीन स्तर तक आयेगा एवं दरवाजा आसानी से खुल सकेगा।

(iv) आग लगने की स्थिति में प्रति घंटा 30 बार हवा परिवर्तन करने हेतु स्मोक चेंटींग सिस्टम का समावेश सभी लिफ्ट शॉफ्ट में कर धुँआ निकाली हेतु व्यवस्था की जाएगी। यह इस प्रकार का डिजाइन किया जाएगा कि स्पीक्लर एवं फायर एलार्म क्रियाशील हो सके। सामान्य विद्युत आपूर्ति की विफलता के मामले में यह स्वचालित रूप से वैकल्पिक आपूर्ति के लिए कार्य करेगा।

(v) अग्नि नियंत्रण कक्ष के साथ लिफ्ट का संचार व्यवस्था बनाये रखने सहित अन्य सभी आवश्यकताएँ आई० एस० गुण स्तर के अनुरूप करना होगा, जिसमें भवन के लिफ्ट कार, अग्नि नियंत्रण कक्ष के साथ जुड़ी होनी चाहिए, जिससे संचार व्यवस्था बनी रहे।

(vi) राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित से संबंधित प्रावधानों का पालन करते हुए फायर लिफ्ट होना चाहिए जैसे 1200 वर्गमीटर के फर्श क्षेत्र के लिए एक फायर लिफ्ट होना चाहिए।

(ख) भवन में सक्रिय अग्नि सुरक्षा प्रणाली जैसे प्रत्येक मंजिल पर लैण्डिंग भल्व के साथ डाउन कमर सिस्टम एवं होज रील, छत स्तर पर 900 एल०पी०एम० पम्प के साथ होगा। आई० एस० 2190/1992 तथा संबंधित विशिष्टियों का आई०एस०आई० मार्कड अग्निशामन यंत्र, फायर चेक दरवाजा, हस्तचालित कॉल अलार्म प्वाइन्ट, अग्नि सुरक्षा चमकीला संकेत एवं भवन निर्माण संहिता के अनुसार अन्य अग्नि निरोध उपाय किये जायेंगे।

(ग) तलघर में स्वचालित स्पीक्लर सिस्टम होना चाहिए एवं दो अलग-अलग निकास द्वार होना चाहिए।

(घ) भूतल जल स्टैटिक टैंक (20,000 लीटर से कम क्षमता का नहीं) स्वचालित रिफिलिंग की व्यवस्था के साथ हो, जहाँ अग्निशामक वाहन आसानी से पहुँच सके। ओवर हेड वाटर स्टैटिक टैंक (10,000 लीटर क्षमता से कम नहीं) अधिवास के पूर्व हो जाना चाहिए।

(ङ) भवन के प्रत्येक मंजिल पर विद्युत केबुल सील होनी चाहिए।

(च) भवन का कम्पार्टमेंटेशन इस प्रकार होगा कि आग एवं धुँआ उसी क्षेत्र में सीमित रहेगा जहाँ अग्निकोड हुआ है तथा भवन के अन्य भागों में नहीं फैले।

(छ) भवन के अलगाव दीवार एवं फ्लोर में खुला स्थान - ऐसे सभी प्रकार के तथ्यों पर ध्यान देना होगा जो आग एवं धुँआ के फैलाव को इन खुला स्थानों में प्रवेश को सीमित कर सके और बनावट का फायर रेटिंग बरकरार रह सके। सभी दीवार में खुला स्थान न्यूनतम दो घंटे की फायर रेटिंग के अग्नि निरोधक दरवाजा से सुरक्षित रहेगा। मंजिलों में सभी खुला स्थान vertical enclosure से सुरक्षित रहेगा एवं ऐसे enclosure का दीवार न्यूनतम दो घंटे की फायर रेटिंग का होगा।

(ज) मंजिलों के प्रत्येक vertical openings यथोचित रूप से बंद एवं सुरक्षित रहेगा तथा निम्नलिखित व्यवस्थाएँ की जाएगी :-

(i) पलायन के रास्ता का प्रयोग करते वक्त अधिवासियों को मंजिल दर मंजिल खुले स्थान से आग एवं धुँआ के फैलाव को रोकने के लिए पर्याप्त सुरक्षा प्रदान करना होगा। यह सुनिश्चित करना होगा कि अधिवासियों के निकासी मार्ग में कम से कम 21 मिली मीटर का उपरी भाग खुला हो।

(ii) दो घंटे की फायर रेटिंग का अग्नि दरवाजा बाहर भागने/निकलने के रास्ते एवं लिफ्ट में प्रवेश के रास्ते तथा सीढ़ी पर एवं अन्य उपयुक्त स्थानों पर आग एवं धुँआ के फैलाव को रोकने के लिए दिया जाएगा।

(iii) निकासी मार्ग का सुरक्षित प्रयोग हेतु स्मोक वेन्टींग सुविधा प्रदान किया जाएगा।

(iv) आंतरिक सजावट से जहरीला धुँआ के उत्पन्न होने से बचाने हेतु धुँआ निरोधी सामग्रियों का प्रयोग किया जाएगा।

(v) भवन के निकासी मार्ग (सीढ़ी एवं कोरिडोर) का रौशनीकरण/सीढ़ियों का प्रेसराइजेशन/ तलघर का वेन्टीलेशन राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित के अनुसार करना होगा।

(vi) एयर कंडिशनिंग एवं वेन्टिलेशन सिस्टम को इस प्रकार अधिष्ठापित किया जाएगा, जिससे आग एवं धुँआ एक फ्लोर से दूसरे फ्लोर और भवन से बाहर नहीं फैल सके। एयर फिल्टर में आग लगने पर धुँआ

मे फ़ैलाने में बचाने के लिए स्मोक सेन्सिटीव डिवाइस भवन में होना चाहिए। प्रत्येक तल पर आग और भूग के इन्जार्ड से बचाने के लिए प्रत्येक तल पर अलग-अलग एयर हैडलिंग यूनिट होना चाहिए। फायर डंपर को ए0भी0 सिस्टम में प्रदान किया जाएगा, ताकि आग की स्थिति में स्वचालित रूप से बंद हो सके और इस तरह अग्नि/धुँआ का फैलाव रोका जा सके।

(vii) विद्युत अधिष्ठापन- विद्युत सुरक्षा भारतीय विद्युत नियमावली एवं संबंधित आई0एस0/संहिता के प्रावधान के आलोक में होगा। लाईसेंस विद्युत ठेकेदार के द्वारा विद्युत अधिष्ठापन किया जाएगा। मुख्य रूप से अलग नली में वायरिंग, अलग सर्किट, स्वचालित सर्किट ब्रेकर, मास्टर स्वीच, इंस्पेक्शन पैनल दरवाजा, आपातकालीन/वैकल्पिक विद्युत आपूर्ति का आवधिक सत्यापन आदि पर ध्यान दिया जाएगा।

(viii) भवन का अधिवास प्राप्त करने के बाद प्रत्येक वर्ष कम से कम दो बार नियमित रूप से फायर एक्जीट ड्रिल किया जाना चाहिए।

(ix) अग्नि सुरक्षा अधिकारी- एन0बी0सी0 2016 और बिहार अग्निशमन सेवा अधिनियम, 2014 के अनुसार।

(x) भवन में अधिष्ठापित अग्निशमन उपकरणों आदि का ए0एम0सी0 योग्य फर्म या व्यक्ति को दिया जाना चाहिए।

(xi) स्थापित नियम के आलोक में भवन के सेट बैक का चेकिंग वास्तुविद/पारित करने वाले द्वारा किया जाएगा।

(xii) यह स्पष्ट किया जाता है कि उपरोक्त सिफारिशों का पालन नहीं करने की स्थिति में भविष्य में होने वाली किसी भी कानूनी विवाद के मामले में, जिम्मेवारी डेवलपर्स/वास्तुविद/जमीन मालिक पर होगी एवं किसी भी सरकारी प्राधिकार (जैसे कि राज्य अग्निशमन पदाधिकारी, बिहार, पटना) की नहीं होगी।

(xiii) इसके द्वारा यह भी स्पष्ट किया जाता है कि इस कार्यालय (अर्थात राज्य अग्निशमन पदाधिकारी-सह-निदेशक, बिहार, पटना/प्राधिकृत पदाधिकारी) का कार्यालय उस भूमि के किसी भी कानूनी विवाद के लिए जिम्मेवार नहीं है, जिसपर प्रस्तावित भवन का निर्माण होगा।

(7) अनिवार्यतः अन्डरटेकिंग्स के सभी प्रावधानों का पालन करना होगा।

(8) इसे औपबधिक अनापत्ति प्रमाण पत्र माना जाएगा। उपरोक्त सभी अग्नि एवं जीवन सुरक्षा अनुशंसाओं के अनुपालन के बाद आवश्यक निरीक्षण एवं अधिष्ठापन के जाँच हेतु राज्य अग्निशमन कार्यालय को सूचित करना होगा। सभी बिन्दुओं की जाँच से संतुष्टि के बाद अंतिम अग्नि निवारण एवं अग्नि सुरक्षा अनापत्ति प्रमाण पत्र निर्गत किया जाएगा।

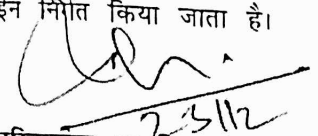
(9) अनुमोदित भवन योजना में बिना पूर्व स्वीकृति के किसी भी प्रकार का विचलन या परिवर्तन किये जाने की स्थिति में इस औपबधिक अनापत्ति प्रमाण पत्र को रद्द कर दिया जाएगा।

(10) हस्ताक्षर एवं मुहर के साथ नक्शा वापस किया जाता है/ऑनलाईन निर्मित किया जाता है।

अनुलग्नक

1) मे0 अभियंता, पंकज कुमार कर्ण

2) अध्यक्ष नगर निगम, पटना


राज्य अग्निशमन पदाधिकारी-सह-निदेशक,
बिहार, पटना।



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

To,

The Senior Manager
 NUTAN CONSTRUCTIONS
 Nutan Construction
 8th Floor, Nutan Plaza, Bandar Bagicha, Patna, Bihar 800001 -800001

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/BR/MIS/270570/2022 dated 18 May 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC22B038BR142377 |
| 2. File No. | SIA/8(a)/2030/2022 |
| 3. Project Type | New |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Proposed Commercial and Residential Building "Lotus Plaza" by Nutan Construction |
| 7. Name of Company/Organization | NUTAN CONSTRUCTIONS |
| 8. Location of Project | Bihar |
| 9. TOR Date | N/A |

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

Date: 03/08/2022

(e-signed)
 Mr. Sudhir Kumar
 Member Secretary
 SEIAA - (Bihar)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.

PARIVESH

*(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)*



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, BIHAR

F. No.:- SIA/8(a)/2030/2022

Sub: **Proposed Commercial cum Residential Building Project of "Lotus Plaza" at Village:- Danapur, Tehsil:- Danapur-cum-Khagaul, District:- Patna, State:- Bihar; by M/s Nutan Construction [Total Plot Area:- 9,194.02 m², Total Built-up Area:- 31,407.45 m² (Existing Built-up Area:- 12,859.62 m² + Proposed Built-up Area:- 18,547.83 m²)] - Environmental Clearance regarding.**

- Reference:-**
1. MoEF&CC Proposal No. - SIA/BR/MIS/270570/2022 & SEIAA File No.:- SIA/8(a)/2030/2022.
 2. Minutes of the SEAC meeting held on 02-07-2022.
 3. Minutes of the SEIAA meeting held on 23-07-2022.

Sir,

This has reference to your online application for the above proposal of M/s Nutan Construction for Building and Construction Project "Lotus Plaza" at Village:- Danapur, Tehsil:- Danapur-cum-Khagaul, District:- Patna, State:- Bihar. The details of the projects are as follows:-

Sl. No.	Item	Details
1.	Name of the project	Proposed Commercial cum Residential Building Project of "Lotus Plaza" by M/s Nutan Construction
2.	S. No. in the Schedule	8(a)
3.	Type of Project	{Building & Construction Project}
4.	Total Plot Area	9,194.002 m² Existing Plot Area:- 4,124.90 m ² Proposed Plot Area:- 5,069.102 m ²
5.	Total Built-up Area	31,407.45 m² Existing Built-up Area:- 12,859.62 m ² , Proposed Built-up Area:- 18,547.83 m ²
6.	Total Green Belt Area	1699.53 m ² (18.4% of the total plant area)
7.	Proposed Parking Area of the project	6,528.97 m ²
8.	Location of the Project	Thana No.:- 21, Tauzi No.:- 5399, 5399/1701 and 5401 Khata No.- 176 & 318, Plot No.- 1379, 1390 & 1391,



		Village:- Danapur, Tehsil:- Danapur-cum-Khagaul, District:- Patna, State:- Bihar.																		
9.	Number of Towers	Tower A (Commercial) Tower:- B to E (Residential Building) <table border="1"> <thead> <tr> <th>Blocks</th><th>No. of flats</th><th>Height of the Building</th></tr> </thead> <tbody> <tr> <td>Tower A</td><td>Commercial</td><td>37.71 m</td></tr> <tr> <td>Tower B</td><td>48</td><td>39 m</td></tr> <tr> <td>Tower C</td><td>48</td><td>39.78 m</td></tr> <tr> <td>Tower D</td><td>40</td><td>33.68 m</td></tr> <tr> <td>Tower E</td><td>23</td><td>39.78 m</td></tr> </tbody> </table>	Blocks	No. of flats	Height of the Building	Tower A	Commercial	37.71 m	Tower B	48	39 m	Tower C	48	39.78 m	Tower D	40	33.68 m	Tower E	23	39.78 m
Blocks	No. of flats	Height of the Building																		
Tower A	Commercial	37.71 m																		
Tower B	48	39 m																		
Tower C	48	39.78 m																		
Tower D	40	33.68 m																		
Tower E	23	39.78 m																		
10.	Basement	01																		
11.	Maximum Stories of the building	B + G + 12																		
12.	Maximum height of the building	~ 40 meter																		
13.	Total Water Requirement	~ 128 KLD Fresh Water ~ 82 KLD Treated Water ~ 46 KLD Source:- Ground Water																		
14.	Source of water	Ground water																		
15.	Total Rain Water Harvesting Pits	05																		
16.	Waste Water Generated	~ 107 KLD																		
17.	Solid Waste Generated	~ 415 Kg/day																		
18.	Bio-degradable Waste	~ 249 Kg/day																		
19.	Non-Biodegradable Waste	~ 166 Kg/day																		
20.	STP Capacity	130 KLD																		
21.	Power Requirement	~ 800 KW																		
22.	Power Backup	2 DG set of 200 KVA of DG set will be installed.																		
23.	Total Cost of Expansion Project site	Total Project Cost - ` 50 Crores  Environment Management Plan Cost <b>During Construction Phase</b> Capital Cost - ` 19 Lakhs Recurring Cost - ` 10 Lakhs  <b>During Operation Phase</b> Capital Cost - ` 69 Lakhs Recurring Cost - ` 15 Lakhs																		

6

PREMISES OF THE ENVIRONMENTAL CLEARANCE

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

- (i) Information provided, descriptions mentioned are complete, true and actual and no relevant fact has been concealed to obtain Environmental Clearance deceitfully by the project proponent.
- (ii) Environmental Clearance shall be liable to be revoked if furnished information, provided description / Certificates / Affidavits / Undertaking etc. are found false/ concocted at any stage of its validity.
- (iii) Project Proponent shall intimate SEIAA immediately if there is any change in their official address / E-mail / Ph. No / Cell. no etc failing which communication sent to them on old address shall be considered as delivered.
- (iv) This Environmental Clearance is issued without affecting any court order / statutory other institutions as well as relevant other laws enactment by Ministry of Environment, Forest & Climate Change, Government of India, New Delhi.

I. Statutory compliance:

1. The Project Proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The Project Proponent will obtain CTE from the BSPCB before preparing site for construction; if applicable and CTO before giving occupancy.
3. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipment, etc. as per National Building Code including protection measures from lightening, etc.
4. All directions of the Airport Authority, Director of Explosives and Fire Department, etc. shall be complied with.

3

5. The Project Proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Bihar State Pollution Control Board.
6. The Project Proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by Project Proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The Project Proponent shall follow the ECBC / ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power, GoI. strictly.
11. The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system for multi-storey buildings, wet & dry bins, collection centre & mechanical composter, etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors / recyclers for which a written tie-up must be done with the authorized vendors / recyclers.
12. Hazardous waste / E-waste should be disposed off as per Rules applicable and with the necessary approval of the Bihar State Pollution Control Board.
13. Solar power plant or other solar energy related equipment's shall be operated and maintained properly.
14. Provisions shall be made for the integration of solar water heating system.
15. Environmental Clearance conditions applicable for construction and operation phase which are in the interest of public at large must be displayed at prominent place which can be easily accessible to public along with address and contact number of authorities to whom violation of EC conditions can be reported.



16. Project site shall be adequately barricaded before the start of construction activity by erecting suitable windscreen upto. $1/3^{\text{rd}}$ of the building height or 10 meters height whichever is more to prevent dispersion of dust particulate (fugitive emission) matter from the construction site.
17. Construction of appropriate civil structure and creation of other facilities shall be undertaken to provide benefit of the person suffering from disability in accordance with Hon'ble Supreme Court of India order dated 15th December 2017 in Writ Petition (Civil) 292 of 2006 with WP (Civil) 997 of 2013 (Disabled Rights Grout &Anr. Vs Union of India &Ors).

II. Air quality monitoring and preservation

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. Project site shall be adequately barricaded before the start of construction activity by erecting suitable windscreen upto $1/3^{\text{rd}}$ of the building height or upto 10 meters height whichever is more to prevent dispersion of particulate matter (fugitive emission) from the construction site. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. Plastic / tarpaulin sheet covers shall be provided for vehicles bringing all loose construction material e.g sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
3. A Management Plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.
5. Dust, smoke& other air pollution prevention measures shall be provided for the building as well as the site.

5

6. All loose construction material e.g sand, soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection), Act 1986 prescribed for air and noise emission standards.
11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12. For indoor air quality the ventilation provisions as per National Building Code of India shall be implemented.

III. Water quality monitoring and preservation:

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wet land and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.

5

4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the Project Proponent. The record shall be submitted to the, SEIAA/ Regional Office, MoEF&CC along with six monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape, etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing, etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning, etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators, etc.) for water conservation shall be incorporated in the building plan.
9. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where

3

ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.

13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed into municipal drain.
17. No sewage or untreated effluent water would be discharged through storm water drains.
18. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
19. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
20. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
21. Separate drainage system shall be developed for storm water so that end point discharge to nearest nallah / river is ensured to avoid water logging without any increase in the pollution load in receiving system.

3

22. Possibilities need to be explored to use STP waste water during construction phase. Fresh water shall be used only after exhausting the possibility of obtaining STP waste water located in municipal jurisdiction.

IV. Noise monitoring and prevention:

1. Ambient noise levels shall conform to residential area silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures:

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per Energy Conservation Building Code (ECBC) specifications.
4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law's requirement, whichever is higher.

5

6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management:

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the Municipal Solid Waste (M.S.W.) generated from project shall be obtained.
2. Proper composting / vermi-composting of municipal and biodegradable solid wastes shall be carried out. All municipal solid wastes shall be segregated, collected, transported, treated and disposed as per provisions of the Solid Wastes Management, 2016 (As amended).
3. All the top soil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
4. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
5. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
6. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
7. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.

5

8. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the Bihar State Pollution Control Board.
9. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
10. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016, Ready mixed concrete must be used in building construction.
11. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
12. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover:

1. No tree should be felled unless exigencies demand. Wherever absolutely necessary, tree translocation shall be done with prior permission from the concerned regulatory authority. Old trees should be retained/translocated based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured in the ratio of species cut to species planted.
2. 1,699.53 sqm. (18.4%) of the total plot area shall be kept under green belt cover within the project site.
3. All the efforts shall be made not to fell any tree however if any tree need to be removed necessarily, it may be translocated with prior permission from concerned local Authority. In case of felling, plantations to be ensured in the ratio of species cut / removed to species planted. Area for green belt development shall be provided as per the details provided in the Project document.



4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and re-applied during plantation of the proposed vegetation on site.

VIII. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b) Traffic calming measures.
 - c) Proper design of entry and exit points.
 - d) Parking norms as per local regulation.
 - e) Proper signages.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues:

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

3

2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporate Environment Responsibility:

1. The Project Proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements/deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose.

3

Year wise progress of implementation of action plan shall be reported to the SEIAA/ Ministry, Regional Office along with the Six-Monthly Compliance Report.

XI. Additional Conditions:-

1. Provide Waste water drain, rainwater drain and water supply pipe separately. Nothing should be drained outside the campus through underground pipes and nothing should be pumped to groundwater. All the sewage drains shall be covered.
2. Provide Safety measures (Fire, disaster, flood, etc.), /medical facilities and arrangement for physically challenged persons.

XII. Special Conditions:

1. Provide solar panels in 30% of total rooftop area (open terrace).
2. Plantation along the road as suggested in the meeting by increasing green belt.
3. Corporate Environmental responsibility (CER) proposal, in consultation with the concerned authority of the Local Body (Municipal Corporation/Municipality/Nagar Panchayat/Gram Panchayat) by clearly outlining the type of activities, which shall predominantly include Municipal Solid Waste Management activities like-
 - a) Material Recovery Facility (MRF).
 - b) Wet Waste processing Facilities.
 - c) Waste collection vehicles, etc.
4. Make provisions for enough number of electric vehicle charging points at each parking area, for both four wheelers and two wheelers.
5. Visitors parking and Flat Owner parking should be separated.
6. The Green patch must be 15% of total plot area.

The management plans of STP, roads, basic amenities, solid waste management, first aid-medical facilities, emergency telephone numbers etc. are essentially needed.

XIII. Miscellaneous:

1. The Project Proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days

5

indicating that the project has been accorded Environmental Clearance and the details of MoEF&CC/SEIAA, Bihar website where it is displayed.

2. The copies of the Environmental Clearance shall be submitted by the Project Proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. All utility lines (electricity, telephone, cable, water supply, sewage, drainage, etc. shall be laid below ground level. Ducts shall be provided along and across the roads to lay the utility lines. Major trunk (water/sewerage) lines are to be laid along the utility corridor.
4. Rest room facilities shall be provided for service population.
5. The Project Proponent shall upload the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6. The Project Proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during their presentation to the State Expert Appraisal Committee.
7. The Project Proponent shall submit six-monthly reports on the status of the compliance of the stipulated Environmental Conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
8. The Project Proponent shall submit the environmental statement for each financial year in Form-V to the Bihar State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9. The Project Proponent shall inform the SEIAA, Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
10. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.

5

11. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Bihar.
12. Concealing factual data or submission of false/fabricated data may result in revocation of this Environmental Clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The Environmental Clearance granted on the basis of submitted layout plan of the proposed construction of buildings/establishments of industries shall be provisional for a period of one year or till its approved by the competent authority whichever is earlier. Should there be any deviation / change in the layout plan (as contained in the project proposal on which Environmental Clearance is granted), the Project Proponent shall furnish a copy along with a request to SEIAA, Bihar to make necessary correction/revision in the Environmental Clearance accordingly. Any failure on part of the Project Proponent in doing so will be treated as a violation of Environmental Clearance condition.
14. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15. The SEIAA reserves the right to stipulate additional conditions if found necessary which shall be implemented in a time bound manner.
16. The Regional Office of the MoEF&CC, GoI / SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
17. Project Proponent shall erect a signboard on his project site and display information regarding name of the project, Environmental Clearance letter No., date and validity period of Environmental Clearance, and Environmental Clearance conditions which affect general public at large along with name of authority to which violation of Environmental Clearance conditions can be reported.
18. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other

5

Wastes (Management and transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

19. Environmental Clearance shall remain valid for a maximum period of 10 years or completion of project whichever is earlier.
20. Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Sd/-

(Sudhir Kumar)
Member-Secretary
SEIAA, Bihar

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

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


(Sudhir Kumar)
Member Secretary,
SEIAA, Bihar

1. The Commission has considered the application of the applicant for the grant of the certificate of registration of the firm.

Signature Not Verified

Digitally signed by Mr. Sudhir
Kumar
Member Secretary

Date: 8/3/2022 10:26:10 AM



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/042822/668822

Name and address of owner

NUTAN CONSTRUCTION

Date/Date:

20-05-2022

OWNERS Name & Address

at 8th Floor Nutan Plaza Bandar Bagicha
Patna - 800001 Bihar

Valid Up to:

19-05-2030

No Objection Certificate for Height Clearance

1) This NOC is in line with the obligations conferred by the Airports Authority of India (AAI) and Government of India (Ministry of Civil Aviation) notification G. s. R. 751 (E) dated the 30th September, 2015, G. s. R. 770(E) dated the 17th December 2020, as amended.

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2). This

office has no objection to the construction of the proposed structure as per the following details:

NOC ID / NOC ID	PATN/EAST/B/042822/668822
Applicant Name / Applicant Name*	Vinay Kumar
Venue Address / Site Address*	Plot No 1379 1390 1391 Khata No 176 318 Thana No 21 Thana Danapur Tauzi No 5399 17070 5401 Mauza Danapur Patna Bihar, Danapur, Patna, Bihar
Site Coordinates*	25 37 44.01N 85 03 06.84E, 25 37 44.98N 85 03 06.98E, 25 37 43.35N 85 03 12.49E, 25 37 44.33N 85 03 12.54E, 25 37 43.88N 85 03 12.56E, 25 37 46.71N 85 03 12.76E, 25 37 43.72N 85 03 13.82E, 25 37 44.35N 85 03 13.90E, 25 37 44.35N 85 03 14.45E, 25 37 46.16N 85 03 14.56E
Site Elevation in mtrs AMSL as submitted by Applicant*	53 M
Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	108 M

* As provided by the applicant / As provided by the applicant*

3) This NOC is subject to the following terms and conditions:-

3. This NOC is subject to the terms and conditions as given below:

क्षेत्रीय मुख्यालय पूर्वी क्षेत्र, नेताजी सुभाष चन्द्र बोस अंतराष्ट्रीय हवाई अड्डा - 700052 दूरभाष संख्या: 91-33-2511 9 616

Regional headquarter Eastern Region, Netaji Subhash Chandra Bose International Airport - 700052, Tel : 91-33-25119616



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/042822/668822

a) The height and coordinates of the site provided by the applicant have been used to arrive at the maximum height permissible for the proposed structure. The Airports Authority of India does not accept, nor certifies, the correctness of the altitude and coordinates of the site provided by the applicant. If at any stage it is found that the actual details are different from the one provided by the applicant, then this NOC will be treated as invalid and legal action will be taken. Action will be taken by the officer-in-charge of the concerned aerodrome under the Aircraft Rules 1994 (Demolition of Obstruction due to Building, Trees etc.).

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994",

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।

c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.

घ) संरचना की ऊँचाई (सुपर स्ट्रक्चर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जायेगी। अर्थात्, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई।

d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934, के सैक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफ्ट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन है।

e. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, "The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994".

छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटनिंग अरैस्टर, सीढ़िया, मुम्टी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखित अनुमन्य अधिकतम ऊँचाई से ऊपर नहीं जानी चाहिए।

f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.

ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएं का खतरा पैदा नहीं करता है, ही मान्य है।

g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point

झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है। एक बार रिवेलीडेशन की अनुमति दी जा सकती है, बशर्ते कि इस तरह का अनुरोध एनओसी की समाप्ति की तारीख से छह महीने के भीतर किया जाए और प्रारंभिक प्रमाणपत्र 8 साल की वैधता अवधि के भीतर प्राप्त किया जाए।

h. The certificate is valid for a period of 8 years from the date of its issue. One-time revalidation shall be allowed, provided that such request shall be made within six months from the date of expiry of the NOC and commencement certificate is obtained within initial validity period of 8 years.

ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटों का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो। विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी।

i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.

ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरुद्ध कोई शिकायत/दावा नहीं किया जाएगा।

j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट www.dgca.nic.in पर उपलब्ध) नागर विमानन आवश्यकताएं श्रंखला 'बी' पार्ट I सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी।

k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in

ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता।

l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन Patna विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग- I), अनुसूची- IV (भाग -2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है।

m. This NOC ID has been assessed with respect to the Patna Airports. NOC has been issued w.r.t. the AAI



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/042822/668822

Aerodromes and other licensed Civil Aerodromes as listed in Schedule – III, Schedule – IV(Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)

त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची- IV (भाग -2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता है, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।

o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.

क्षेत्र का नाम / Region Name: पूर्व/EAST

<p>पदनामित अधिकारी/Designated Officer</p> <p>नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date</p>	<p>राजेन्द्र सिंह लहौरिया / R. S. Lahauria महाप्रबंधक (ए.टी.एम.) / General Manager (ATM) ER भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India ने.सु.च.ब.अ. हवाई अड्डा / NSCB I Airport कोलकाता / Kolkata 700 052</p>
<p>द्वारा तैयार Prepared by</p>	<p>23.05.22</p>
<p>द्वारा जांचा गया Verified by</p>	<p>(Shoudhuy. 23.05.22)</p>

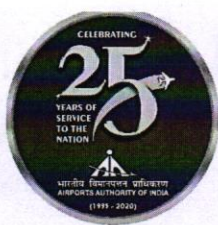
ईमेल आईडी / EMAIL ID : gmatmer@aai.aero

फोन/ Ph: 033-25111293

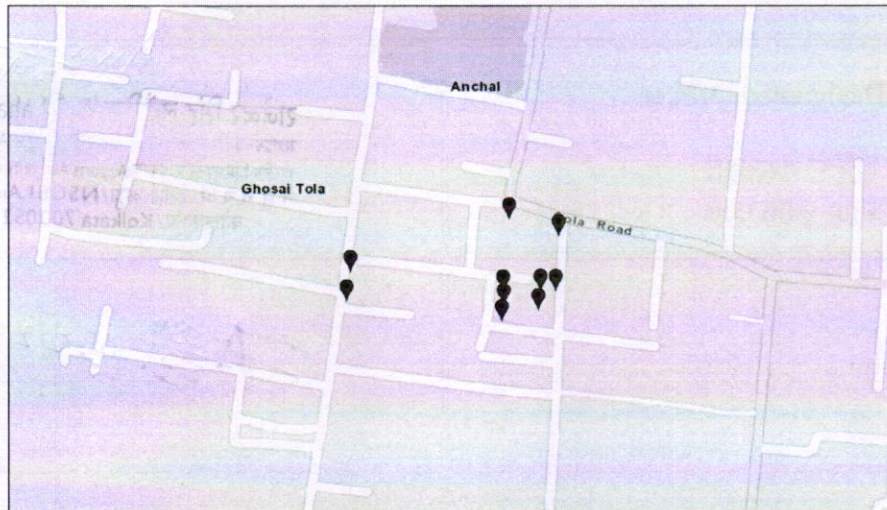
ANNEXURE/अनुलग्नक

Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर मे)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री)
Patna	5463.4	316.29
NOCID	PATN/EAST/B/042822/668822	



PATN/EAST/B/042822/668822



0 0.03 0.06 0.11 mi
0 0.04 0.09 0.17 km

Sources: ERI, HERE, Garmin, USGS, Horizon, INCREMENT P, NRCan, Esri, Japan, METI, Esri, China, Hong Kong, Esri, Korea, Esri (Thailand), NGCC, Esri, ComNavion, Mapbox, and the GIS User Community



0 0.03 0.06 0.11 mi
0 0.04 0.09 0.17 km
1:3,600
Source: Esri, Mapbox, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community