

# OPEN ARCHITECTURAL DESIGN COMPETITION

for Northern Electricity Supply Company PLC (NESCO)  
Main Control Center (MCC), Rajshahi

## 1. LAUNCH

Competition launch,  
and advertisement

**25 FEB 2024**



## 2. REGISTRATION

Registration closes

**14 MAR 2024**



## 3. QUERIES

Last date to receive queries  
from registered participants

**21 MAR 2024**



## 4. REPLY

Answering queries for  
registered participants

**30 MAR 2024**



## 5. SUBMISSION

Deliverables' submission  
of design proposal

**05 MAY 2024**



## 6. JURY

Jury, review and winner  
announcement.

**16 MAY 2024**



## 7. EXHIBITION

Exhibition &  
prize giving

**21 MAY 2024**



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**SECTION A**

## NORTHERN ELECTRICITY SUPPLY COMPANY PLC (NESCO) MAIN CONTROL CENTER (MCC)

### 1. INTRODUCTION

The members of the Institute of Architects Bangladesh, IAB are invited to participate in a visionary competition to conceptualize and design the Main Control Center (MCC) of Northern Electricity Supply Company PLC (NESCO). MCC building is a hub that consists of GIS system to collect data, outage system and smart monitoring system to optimize supply and monitor electricity to end users, SCADA system to link all sub-centers, backup control center and it also links national grid through ICCP link. This competition marks a pivotal moment in envisioning a technologically advanced and sustainable future following the Smart NESCO Vision 2041 of Smart Bangladesh with an innovative, smart, sustainable, and functional center having the following features:

- Passive design with adequate natural lighting and ventilation.
- Energy-efficient design with smart technologies for resource utilization and sourcing for natural and renewable energy.
- Green and sustainable design reducing impacts on the environment and human health during the lifecycle to achieve United Nation's SDG goals no. 9, 11, and 12.

IAB and NESCO will jointly explore the process of creating an iconic building that transcends the ordinary. From energy-efficient systems to eco-friendly materials, every aspect will harmonize with the surroundings, building not just structures but landmarks that echo the commitment to a sustainable and iconic future.

<https://nesco.gov.bd/>

### 2. NESCO'S VISION

The NESCO Main Control Center (MCC) is envisioned to be the nerve center, orchestrating and synchronizing the operations of all substations within its purview. As the main control unit, the MCC will take charge of monitoring, coordinating, and optimizing the performance of each substation, ensuring a seamless and efficient distribution of electricity across the network. It will have a Building Management System (BMS) with a Main Control Room to serve as the technological backbone, offering comprehensive control and monitoring capabilities for the entire facility. It will also have adequate workspaces, office workstations, and supporting spaces. This central intelligence hub unifies the diverse components into a cohesive and responsive system for enhanced control and reliability, which would include the following systems:

- Outage Management System (OMS) for easier provision of uninterrupted electricity service to customers.
- Geographic Information System (GIS) for easier and accurate data collection.
- Smart Meter for proper monitoring up to the customer level.
- Supervisory Control and Data Acquisition (SCADA) systems to link all the sub-centers through telecommunication equipment with remote terminal units.
- Backup Control Center, to preserve all the information and control the sub-centers.
- National Grid, to connect the National Load Dispatch Centre (NLDC) with Inter-control Center Communications Protocol (ICCP) link.

In essence, the NESCO Main Control Center (MCC) will stand as a pillar of technological prowess, seamlessly blending intelligence with efficiency that not only monitors and optimizes the performance, but also elevates the standards of control and reliability.

### 3. THE COMPETITION

In view of the looming energy crisis, dwindling conventional energy sources, and potential impact of fossil fuels in the building industry on the changing climate, NESCO has positioned itself to produce a building that will be designed in such a way that the building will rely on renewable sources as much as possible while employing passive design techniques.

Conventional design approach where performance of the buildings is often claimed intuitively using 'magic arrows' this design competition will look at more tangible environmental performance criteria and techniques suitable for the climatic context.

Located in the Kalabagan area of Rajshahi City, the land area is approximately 2.288 acres and the footprint of the building will be approximately 930 square meters (Appendix I). The proposed ten storied building will be constructed in two phases. In the first phase, the building will be constructed up to five floors and in the second phase, the rest of the floors may be completed. The participants should keep in mind that after the construction of the first phase the building design should be such that the phase one part of the building should have an appearance of completeness. Keeping this in mind, all utility services including the air conditioning system should be designed as such. The NESCO Space Programme Guide that will be provided later on includes the programme for the first phase only. The subsequent phase will be considered as typical office floors.

The site plan given in Appendix I indicates the site with existing buildings that are to be kept as it is and the buildings to be demolished. In addition to the MCC building a ten storied Head Quarter office building having 930 square meters footprint with a maximum height of 42 meters and a three-storied 'parking & assembly' building with a footprint area of 688 square meters and a maximum height of 12 meters will be constructed in future. The participants will design a site plan considering all three buildings and other existing structures as specified. A detailed digital survey drawing of the site will be made available to all participants before the last date of registration.

### 3.1. Assessment Process

The jury will shortlist not less than ten projects as per the assessment criteria. Afterwards, the shortlisted projects will be sent to a Technical Review Committee comprised of three experts in field. The Technical Committee will submit their report on the shortlisted projects to the Jury Board for their consideration in final review. The Jury will complete the evaluation of the shortlisted projects in the light of the technical report and make their final judgement and prepare the result.

### 3.2. Assessment Criteria of the Jury

The Jury will make an assessment of the proposals based on the following criteria, in no particular order, as well as based on other requirements mentioned in this brief:

#### 3.2.1. Functional Design and Workspace

In alignment to create a better workspace for officials and staff, the design proposal for the NESCO Main Control Center (MCC) seeks to transcend conventional boundaries, transforming from a conventional control unit into an innovative and dynamic facility. Beyond its core function in power distribution management, the MCC is envisioned as a multifaceted hub that fosters collaboration, efficiency, and employee well-being. It should be designed to inspire creativity and productivity, offering flexible spaces that accommodate diverse work styles and promote seamless communication. Embracing the concept of a "community hub" within the organization, the MCC will provide opportunities for social interaction, knowledge sharing, and professional development, enhancing overall workplace satisfaction and performance. By reimagining traditional notions of workspace design and access control, the MCC aims to create a more engaging and inclusive environment that empowers staff members to thrive and contribute to NESCO's mission with passion and dedication.

#### 3.2.2. Context, and Site Planning

We seek a meticulous approach to ensure its seamless integration into the urban fabric while enhancing the surrounding environment. Incorporating landscape features of green and waterbody, zoning, and regulations will be carefully navigated to comply with local requirements while optimizing the functionality and aesthetic appeal of the MCC. By adhering to these principles and embracing a collaborative design process, the NESCO MCC will stand as a beacon of sustainability and innovation, enriching the urban landscape and fostering a sense of community well-being with the following considerations:

- Site and the Urban Context
- Inclusion of Nature
- Zoning and Regulations

#### 3.2.3. Design and Innovation

In response to the call for innovative architectural design, the proposal for the NESCO Main Control Center (MCC) will strive to transcend traditional paradigms, pushing the boundaries of spatial design to deliver a truly visionary environment. Through a creative reimagining of space utilization, the project will seamlessly merge functionality with artistry, crafting an exceptional setting that inspires both productivity and creativity. With a keen focus on sustainability, the MCC will leverage innovative materials and technologies to minimize environmental impact

while maximizing efficiency and comfort for users. Embracing concepts such as functional efficiency, creative spatial layout, spatial hierarchy, and future-proofing, the design will anticipate evolving needs and trends, ensuring that the MCC remains at the forefront of architectural innovation for years to come.

#### 3.2.4. Space, Form, and Structure

In pursuit of architectural innovation, the design for the NESCO Main Control Center (MCC) will transcend functionality, aiming to craft visually stunning, sustainable, and user-centered spaces and structures. These elements will not merely serve utilitarian purposes but will serve as artistic expressions, shaping the built environment and leaving a lasting impact on viewers. Through thoughtful spatial planning and structural creativity, the MCC will emerge as an iconic landmark, symbolizing both NESCO's dedication to excellence and the city's unique character. With meticulous attention to detail, each aspect of the MCC will evoke emotion and curiosity. Its visual impact from different viewpoints within the urban context will elevate the aesthetics of the surrounding area. By prioritizing the creation of identity, spatial efficiency, structural innovation, and iconic status, the MCC will not only fulfill its operational requirements but will also enrich the urban landscape.

#### 3.2.5. Climatic Design and Sustainability

With a commitment to climatic design and sustainability, the NESCO Main Control Center (MCC) aims to harmonize with its surroundings while embodying principles of environmental responsibility. Integrating innovative architectural solutions, including a Building Management System (BMS) and automated fire-fighting system, the MCC will mitigate its environmental footprint by optimizing energy efficiency, harnessing renewable resources, and minimizing waste. Through thoughtful site planning and orientation, the design will leverage natural elements to enhance thermal comfort and reduce reliance on mechanical systems. Sustainable materials and construction practices will be prioritized to ensure longevity and minimize environmental impact. The MCC's vision for sustainability extends beyond its physical structure to encompass operational practices, promoting eco-friendly initiatives and fostering a culture of environmental stewardship among staff and stakeholders. By embracing climatic design and sustainability as core principles, the MCC will not only serve as a model for environmentally conscious architecture but will also contribute to the resilience and vitality of the surrounding community and ecosystem. The important characteristics of the building will be:

- Sustainable Building (green building with minimum environmental impact, waste management, pollution control, cost minimization in maintenance and management, etc.)
- Renewable Energy Sources (net metering, solar energy, other sources of energy).
- Passive energy (use of natural light, wind, and other sources).
- Energy Efficiency (energy recovery ventilation system, occupancy sensing lighting control, use of heat resistant materials, etc.).

The Jury will follow an evaluation rubric provided in the Appendix II.

### 3.3. Assessment Criteria of the Technical Committee

The Technical Review Committee will prepare a report of the shortlisted projects based on certain criteria. A Passive Design Toolkit (of green building) will be provided to the participants, the Committee, and the Jurors as a reference. The toolkit will be made available to all the participants before the last date of registration.

## 4. THE JURORS AND THE TECHNICAL COMMITTEE

### 4.1. THE JURORS



Ar. Nahas Ahmed Khalil (K-022)



Ar. Mahmudul Anwar Riyaad (R-081)



Ar. Atiqur Rahman (R-115)



Dr. Syed Masum Ahmed Choudhury, NDC  
Chairman, NESCO PLC



Zakiul Islam  
Managing Director, NESCO PLC

### 4.2. THE TECHNICAL REVIEW COMMITTEE

The members of the Technical Review Committee selected by IAB



Ar. Dr. Abu Taib Mohammed  
Shahjahan (S-182)



Dr. Syed Ishtiaq Ahmad  
Professor, Department of  
Civil Engineering, BUET



Ar. Dr. Sajal Chowdhury (AC-070)

## 5. COMPETITION RULES

The competition is being organized by the Institute of Architects Bangladesh in association with the client Northern Electricity Supply Company PLC (NESCO).

### 5.1. Eligibility and Rules

- 5.1.1.** All regular full members of the Institute of Architects Bangladesh having at least eight years of professional experience, and meeting the criteria stated under the Bangladesh National Building Code 2020, (BNBC) are eligible to compete as the team leader.
- 5.1.2.** A single registered competitor can submit only one proposal. Submitting more than one proposal simultaneously under different names will be declared ineligible for corrupt, fraudulent, collusive or coercive practices as stated under Rule 127 of Public Procurement Regulations (PPR) 2008.
- 5.1.3.** Architects/ Consultants who are not restrained or barred from participating in public procurement on grounds of poor performance in the past under any contract will be eligible to participate.
- 5.1.4.** Registered participants must abide by the provisions in Section 64 of the PPA 2006 and Rule 127 of the PPR 2008. The above requirements for eligibility will extend, as applicable, to each Joint Venture partner of the Consultant, and each Sub-Consultants.
- 5.1.5.** The client, assessors, and participants must meet the provisions of rule 111 of the PPR and the IAB regulations for architectural competition as stated in the Manual of Procedure for Selection of Architects.
- 5.1.6.** The design proposal must comply with the Bangladesh National Building Code and the Rajshahi Development Authority, RDA, regulations.
- 5.1.7.** The entry must propose a vertical height within a preferably maximum limit of 45 meters or less.
- 5.1.8.** An entry shall be disqualified from the competition for any of the following reasons:
  - If received after the last time and date mentioned in this brief.
  - If it does not satisfy the program.
  - If it exceeds the limits of the site as provided by the promoter.
  - If the proposal or the competing architect or his associates disregard or violate any of the mandatory conditions and instructions mentioned in this brief.
  - If any participant tries to contact or approach any member of the jury board as well as that of the technical committee regarding the competition.
- 5.1.9.** Neither any member of the Jury committee nor the Competition Director, their family members, or their business associates/ partners or employees are eligible to compete or assist participants in any way in the competition process. The same rule is applicable for the members of the Technical Review Committee and the Assistant Competition Director as well.
- 5.1.10.** The jury members and the members of the Technical Review Committee will provide a declaration that they have not seen nor have been involved in any way with any of the competition entries before the meeting. In case of a juror or a technical review committee member having prior knowledge of one or more entries, he must withdraw from the Jury Board or the Technical Review Committee on such grounds and an alternate Juror or member of the Technical Review Committee shall replace him.
- 5.1.11.** No members of the panel of jurors or their partners, associates, or employees may participate in the competition as an architect, joint architect, or adviser/ consultant for the project. The same rule will be applicable to the members of the technical committee.
- 5.1.12.** Any dispute concerning the competition procedures must be placed before the IAB Disciplinary and Dispute Resolution Committee for assessment and resolution. The rulings of the committee shall be declared as final and binding.
- 5.1.13.** The client shall appoint the prize-winning entrant at a consultancy fee of 2.75% of the total construction cost of the project, excluding Value Added Tax. This fee shall include architectural, structural, mechanical, and plumbing consultancy services. The client may further appoint the prize-winning entrant at an additional fee of 0.75% for supervision.



## 5.2. Registration & Submission of Queries

- 5.2.1.** The competition brief and Registration Form must be obtained from IAB by paying Tk.3,000/- (Taka three thousand only).
- 5.2.2.** The Registration Form must be duly filled up, signed, and emailed to **iab.nesco.mcc@gmail.com** having R-'your 15-digit registration number' as subject line. The last date for registration is 14 March 2024.
- 5.2.3.** Queries may be submitted by filling out the Queries Form provided with this brief. The completed form must be scanned and emailed to **iab.nesco.mcc@gmail.com** with Q-'your 15-digit registration number' as subject line. The last date for receiving queries is 21 March 2024. The Queries Form can be downloaded from the QR code bellow. Alternatively, the following online form may be filled out and submitted to record your queries online using this link: <https://forms.gle/HZ3FzmrsFGEwmy1T8>



## 5.3. Evaluation

Competition participants will be required to remain anonymous during the competition. The submittals will cover the main concept, site planning and design of the building in relation to the NESCO site. The proposals will form the basis for a preliminary cost analysis. The jury will select the first, second, and third winning entries along with three projects for honorable mention.

## 5.4. Post Evaluation

- 5.4.1** The client intends to implement the winning proposal and to engage the team leader as the design architect in the realization of the project. If the architect has independent expertise and experience in planning construction phases and coordinating with other consultants, an agreement can be reached on this matter. Otherwise, an experienced architect or a firm will be appointed in the planning and implementation of the project in consultation with the lead architect. The competition winner will retain the lead in design decisions and all copyrights associated with the design will belong to him. The selection of the adviser will be managed in consultation with the lead architect. Decisions concerning the project's implementation will be made by NESCO in consultation with the IAB.

- 5.4.2** Should the 1st place winning entry violate the IAB Code of Ethics and Professional Conduct, the IAB Competition Regulations, or the requirements of this brief, the 2nd place winning entry shall assume the contract in place of the 1st place winning entry. This condition will similarly apply to the 2nd and 3<sup>rd</sup> place winning entries in a similar order. In the event that all three entries are rendered void under the aforementioned circumstances, the decisions made by the Jury Board shall be deemed final and binding.

- 5.4.3** In the lead-up to the post-evaluation phase, the client may develop and expand the brief based on the general conclusions reached by the jury. The jury will provide an individual assessment of each proposal. The evaluation phase is concerned with the further refinement, development, and expansion of details for the winning proposal to produce comprehensive proposal details that cover all aspects of design and construction.

- 5.4.4** The winning architect(s) will be invited to enter into a legal contract with NESCO, settling such items as budget, fees, proposed organizational strength to deliver the consultancy services per schedule, and other criteria concerning a subsequent commission.

## 5.5. Publicity during the competition period

- 5.6.1** Once the jury's decision has been finalized, both the decision and the jury's comments will be made available to the public at the time of an exhibition arranged by IAB.
- 5.6.2** The competing architect(s) are expected not to give interviews, make comments, disclose information related to the project on social media, or in any other way make public their own or others' entries during the competition period until the winner is announced publicly.

## 6. COMPETITION FEES & AWARDS

- 6.1.** Participants shall bear all costs associated with the preparation and submission of proposals, and the client shall not be responsible or liable for those costs, regardless of the outcome of the competition.
- 6.2.** The winning design entries will be rewarded with a one-time prize money as follows:

First Prize Winner	BDT 5,00,000.00 and Certificate/s
Second Prize Winner	BDT 3,00,000.00 and Certificate/s
Third Prize Winner	BDT 2,00,000.00 and Certificate/s
Three Honorable Mentions	BDT 75,000.00 and Certificate each

- 6.3.** The winner will be engaged as the lead consultant for the project in the order of preference from the first to the third, as appropriate, and the prize money will be paid in excess of the total consultancy fee.
- 6.4.** If the client decides not to proceed with subsequent procurement or annuls the procurement proceedings, no amount will be paid over and above the prize money.
- 6.5.** Competition Director:  
The Competition Director, Ar. Muhammad Taufiqur Rahman Khan (K-074) on behalf of IAB, will be available at **iab.nesco.mcc@gmail.com**. The competition Director will be bound by Secrecy Profession of IAB and will act as a link between the competitors, the client, the Jury, and the Technical Review Committee. The Assistant Competition Director of this competition is Architect Afeefa Adeeba Rahman (AR-482).

## 7. SUBMISSION

### 7.1. Language of submission

All sections of the competition proposals are to be provided in English if not mentioned otherwise.

### 7.2. Anonymity

The anonymity of the entrants is to be ensured. All submitted competition material is to have only a 50mm x 50mm blank square box on the top right corner of each document. Digital materials should also be untraceable. A sealed envelope containing the DECLARATION FORM should accompany the submittals. The envelope must be marked with a blank square box only. Revealing the identity of any entrant during the competition period will lead to the disqualification of the design proposal. The competition entries must be handed over to the

Competition Director by a person/ courier unknown to him. If any of the submissions of the shortlisted or winning entries is found at any stage of the competition to be violating any condition of the competition or violating any other professional standard of the Institute of Architects Bangladesh may be deemed void in retrospect.

### 7.3. Submission Requirements

Any deviations from the required submission documents listed below will result in the design proposal being disqualified from assessment by the Jury.

### 7.4. Site Plan

- Site plan showing entrance(s), mobility solution and setting
- Environmental analysis
- Landscape design
- Perspective views/ renderings/ photomontage (media open) used in a modest way.

### 7.5. Detail Design

- Conceptual drawings
- Floor plans
- Elevations and sections
- A typical partial section of the main idea of the building envelope indicating building materials and construction (scale 1:50)
- Perspective views / Rendering / photomontage (media open) used in a modest way

### 7.6. Drawings

- Scale:  
Site plan- 1:400  
Others- 1:200
- Sheet size: A1 portrait
- Maximum number of sheets: 4 (Four)

### 7.7. Model of the Whole Complex

- No model needed

### 7.8. Report

- A written report must be submitted detailing the considerations in the proposal for (1) the Urban Context and Site Planning, (2) Design Rationale/ Concept, (3) Design and Innovation, (4) Space and Structure, and (5) Climatic Design and Sustainability.
- A table showing the calculation of Gross Floor Area (GFA) above and below ground, and the claimed Floor Area Ratio (FAR)
- An estimated cost in Bangladeshi Taka (BDT) for the construction of the project using the PWD Rate Schedule 2022/ Plinth Area Rate (PLAR) as the basis for the estimate.
- Sheet size - A4,
- Preferred sheet orientation: Portrait
- Maximum number of sheets: 20 (Twenty)
- This Report must be submitted in a sealed envelope with the label "REPORT" and the entrant's 15-digit Registration Number.

### 7.9. Digital copy in one USB portable drive

- Containing plans, elevations, sections, etc. in vector format in appropriate scale.
- All illustrations and presentation sheets in high resolution must be submitted in ADOBE PDF or JPAC format.
- A soft copy of the report must be submitted in Microsoft DOCX and PDF formats
- Soft copy files may not contain any information that will identify the participant(s)
- The USB drive must be placed in a sealed envelope and labelled "Digital Media" and the entrant's 15-digit Registration Number.

### 7.10. Insurance

The Client will not provide insurance for the submitted materials. Entrants are responsible for creating backup copies of their design submittals.

### 7.11. Ownership

- The client will retain ownership of the submitted documents for publication/ declaration of design competition results until the winning entries are declared.
- The contestants will be notified thereafter and asked to collect the submitted documents from the IAB on a designated date and place.

### 7.12. Copyright and Right of Use

All design copyrights will be retained by the participants for their respective submittals.

### 7.13. Publishing and Exhibiting

The client reserves the right to publish the competition design proposals freely. During the design competition period, entries may be displayed and publicized while ensuring the contestants' anonymity.

### 7.14. Acceptance of the Design Competition Brief

The competition brief and appendices have been approved by the jury members and the client. By submitting a proposal to the competition, the authors accept the competition's brief and rules.

### 7.15. Submission of Design Proposal

**7.15.1.** The Design Submission is to be addressed to:

Competition Director,

**NESCO-IAB Design Competition for MMC, Rajshahi**

Plot 11, Block E, Sthapatyacharjo Muzharul Islam Soroni (Old road no. 7)

Agargoan, Sher E Bangla Nagar, Dhaka 1207.

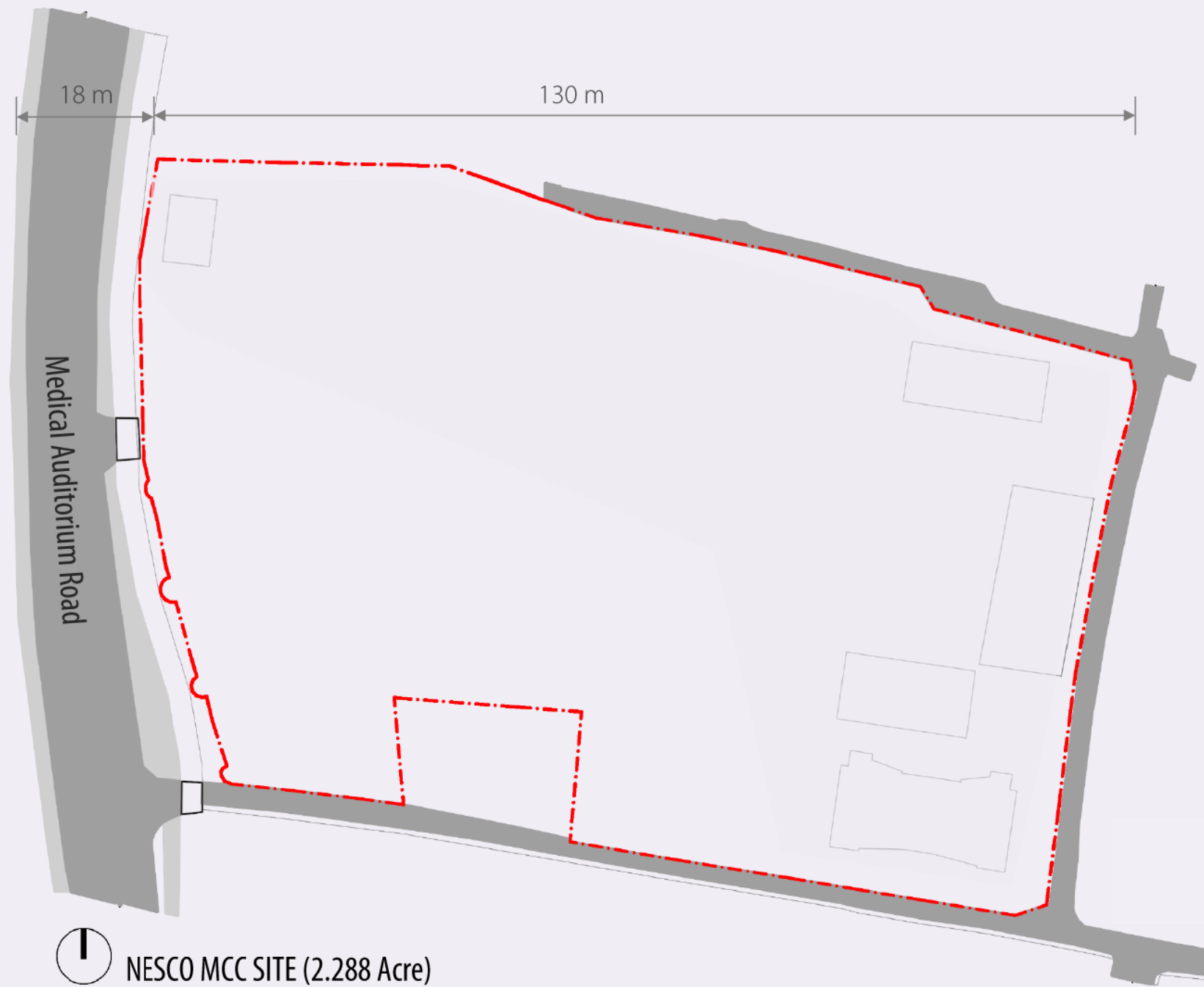
- 7.15.2.** Proposals must be submitted on the following date and time:  
**Submission Date:** 05.05.2024, THURSDAY; **Last Time:** 07.00 PM.
- 7.15.3.** The complete submission will include design proposal sheets, report, digital copy in one portable USB drive, and the declaration Form that will be provided later on. Participants must print the attached 'DECLARATION FORM' fill up, sign and seal, and submit with the Design Proposal in a sealed envelope that will be provided later on.
- 7.15.4.** Any proposals received by IAB after the deadline shall be declared LATE and returned unopened to the Participant.
- 7.15.5.** Proposals will be delivered in person and handed over to the director or the IAB office by a person/ courier on the day of submission.
- 7.15.6.** If the proposal is sent by delivery service (courier or postal service), a photocopy of the receipt date of the submission and the participant(s)' information is to be sent separately and at the same time to the competition director by email. This email should also include a phone number via which the author(s) can be reached that will maintain their anonymity in case the competition proposal does not arrive.
- 7.15.7.** No proposals may be submitted directly to NESCO.
- 7.15.8.** The client reserves the right to reject all proposals and annul the design competition procurement proceedings.

7.16. Key Dates

Phase	Date
01	Competition Launching & Advertisement on Newspaper 25.02.2024
02	Registration Starts 29.02.2024
03	Last date of Registration 14.03.2024
04	Last Date for Receiving Queries from Registered Participants 21.03.2024
05	Reply to all queries 30.03.2024
06	Last Date for Design Submission 05.05.2024 7:00 PM
07	Winner Announcement 16.05.2024
08	Exhibition & Prize Giving Ceremony 21.05.2024

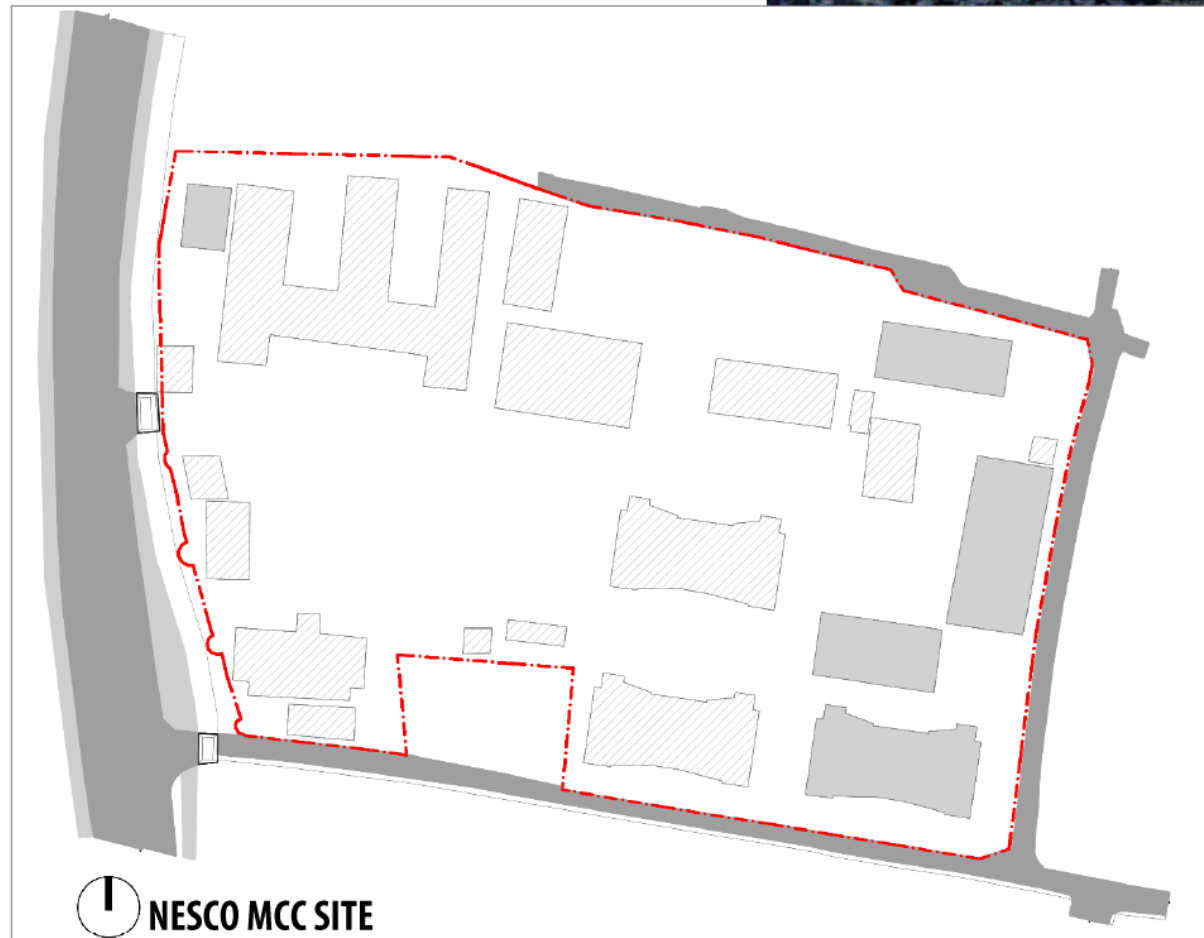
**SECTION B**

APPENDIX I  
THE COMPETITION SITE



\*The Drawing has been scaled to fit the page.

GOOGLE IMAGE OF COMPETITION SITE



\*Drawings have been scaled to fit the page.

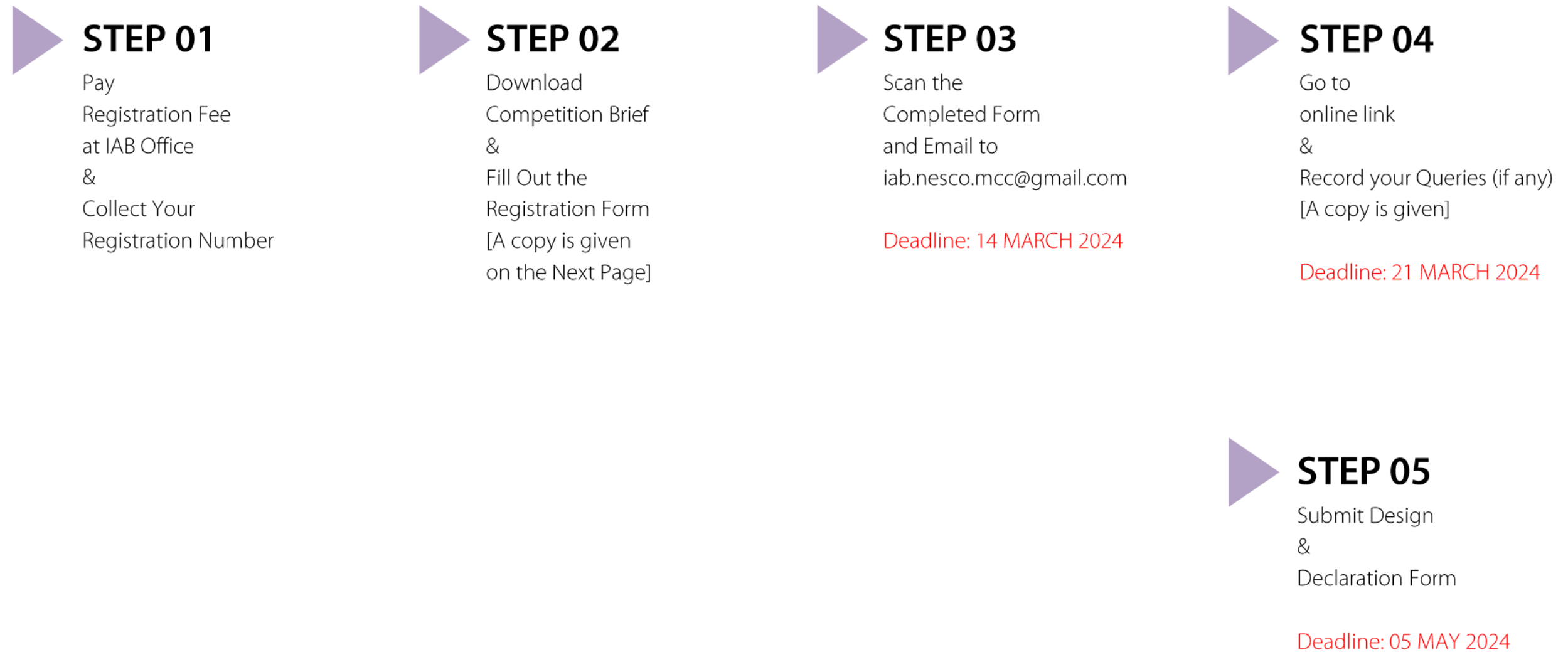
APPENDIX II  
EVALUATION RUBRIC

		POOR	AVERAGE	GOOD	EXCELLENT	REMARKS
01 Urban Context & Site Planning	10%	<input type="checkbox"/> The urban context is not addressed and the site planning has many deficiencies	<input type="checkbox"/> The urban context is inadequately addressed, and the site planning is somewhat practical	<input type="checkbox"/> The urban context is somewhat acknowledged, and the site planning is thorough	<input type="checkbox"/> The urban context is adequately addressed and the site planning is comprehensive	
02 Design Rationale/ Concept	10%	<input type="checkbox"/> The concept lacks clarity and does not address the project goals	<input type="checkbox"/> The concept has clarity; however, it does not fully capture the project goals	<input type="checkbox"/> The concept has originality and reasonably captures the project goals.	<input type="checkbox"/> The concept is well articulated and creatively captures the project goals.	
03 Design & Innovation	25%	<input type="checkbox"/> Design is not innovative, lacks originality	<input type="checkbox"/> The design could have been more innovative, and spatial articulation does not fully address the design brief	<input type="checkbox"/> The design is somewhat innovative, and spatial articulation addresses the use of space somewhat adequately	<input type="checkbox"/> Design is very innovative, and spatial articulation creatively addresses the functional use of space	
04 Form & Structure	20%	<input type="checkbox"/> Three-dimensional form lacks articulation and the structural system is not workable	<input type="checkbox"/> The three-dimensional form somewhat lacks articulation, and the structural system is workable	<input type="checkbox"/> The three-dimensional form is well articulated, and there is a clear parity between the form and the structural system.	<input type="checkbox"/> The three-dimensional form is well articulated and supported by an innovative structural system.	
05 Climatic Design & Sustainability	20%	<input type="checkbox"/> Lacks local climatic design sensitivity and does not address sustainability issues	<input type="checkbox"/> The design somewhat addresses the imperatives of natural ventilation, solar control, daylighting, and sustainability issues.	<input type="checkbox"/> The design creatively addresses the imperatives of natural ventilation, solar control, daylighting, and sustainability issues	<input type="checkbox"/> The design creatively uses technical analytics of natural ventilation, solar control, daylighting, and utilizes energy-efficient strategies, and addresses sustainability issues.	
05 Efficiency & Comfort Calculation	15%	<input type="checkbox"/> No manual calculation or simulation is done	<input type="checkbox"/> The design somewhat addresses energy efficiency and comfort through calculation and/or simulation	<input type="checkbox"/> The design creatively addresses energy efficiency and comfort through calculation and/or simulation.	<input type="checkbox"/> The design creatively uses technical calculation and/or simulation techniques to address overall energy efficiency, passive energy use, user comfort, and environmental impact.	





APPENDIX III  
HOW TO REGISTER



# REGISTRATION FORM

## Open Architectural Design Competition

NESCO MAIN CONTROL CENTER (MCC), RAJSHAHI

Registration No.																				

I have read and understood the competition guidelines and conditions stated in the competition brief for the above-mentioned project. I want to participate in this competition and would request you to kindly confirm my participation in a reply email to the address provided below. This will be my official email and contact number for all further communication throughout the competition period.

Name of the Lead Architect/  
Team Lead

IAB Membership No.

Address

Email.

Mobile Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Alternate Phone Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Signature of the Lead Architect/  
Team Leader:

Date:

Name of Associate(s) (if any)

Primary Role

1.

2.

3.

4.

5.

Note:

- Fill out this form, scan and email to [iab.nesco.mcc@gmail.com](mailto:iab.nesco.mcc@gmail.com)
- The last date of submission of this form is 14 March 2024.
- Please do not send any hard copy to IAB.

## QUERIES FORM

Open Architectural Design Competition

NESCO MAIN CONTROL CENTER (MCC), RAJSHAHI

Registration No.																				
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Note:

- You may fill out an online form instead of this hard copy form by following this link at:  
<https://forms.gle/HZ3FzmrsFGEwmy1T8>.

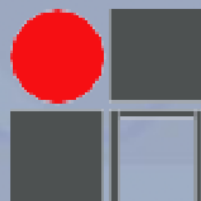
Please scan the QR code below if you want to access this link via your mobile phone:



- Alternatively, if you want to use this form, please fill out if you have any queries and send it via email to **[iab.nesco.mcc@gmail.com](mailto:iab.nesco.mcc@gmail.com)**
- In the subject line of your email, include ONLY "Q" followed by your 15-digit registration number.
- Use the email address you have registered for this competition to send this query form back to us/
- The deadline for submitting this form is March 21, 2024.
- Do not send any printed hard copy to IAB; electronic submission is preferred.
- If you have multiple queries, use bullet points or numbers to list them.

## QUERIES FORM

Continued from page 1



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On behalf of the 25th Executive Council of IAB, this brief has been prepared in collaboration with the client, the Jurors and the Competition Director