

# **THE INSTITUTION OF ENGINEERS, BANGLADESH (IEB)**

In Association with  
**Institute of Architects Bangladesh (IAB)**

## **OPEN ARCHITECTURAL DESIGN COMPETITION**

For the Design of  
**“IEB Convention Center” at Ramna, Dhaka.**

### **COMPETITION BRIEF**

Single-staged, National, Anonymous architectural design competition: Jointly Organized by Institute of Architects Bangladesh (IAB) & The Institution of Engineers, Bangladesh (IEB)

### **ARCHITECTURAL CONTRIBUTION**

Competitions are a unique way to provide opportunity to the architects for experimentation, brain storming, thought provocation and creativity. It is a motivation for architects to search answers for their questions, build-up their understanding about society, human being, context, economy etc., and thus reflecting their thoughts in to physical environment through architectural depiction. Entrants are free to explore as far as they are willing to push the bar set out for the competition, but not breaking them, to avoid disqualification.

### **ABOUT IEB**

With the emergence of Bangladesh as an independent nation in 1971 The Institute of Engineers, Pakistan was renamed as The Institution of Engineers, Bangladesh, which was founded in 1948 with its Headquarters at Dhaka, Bangladesh.

The Institution of Engineers, Bangladesh (IEB) is the most prestigious National Professional Organization of the country. IEB includes all disciplines of engineering. Currently it has in its roll more than 41,545 engineers with about 30% in the category of Fellows, 60% Members and the rest as Associate Members. In addition, there are a good number of Student Members. Since its establishments one of the major goal of IEB is to ensure the professional excellence and continuous professional development of the engineers in the country.

The Institutions mission has always been to serve the teeming millions through the practice of engineering, science and continuously improving the professional standards of its members. The IEB as a national forum of engineers also addresses the common problems confronting the engineers. On different occasions, IEB came forward with its clear vision of the problems of development and formulated specific suggestions on various issues. IEB prepared and presented its recommendations on the Power Sector Reform Policy, Flood Control and Management, Public Administration Reform, Traffic Problem, National Pay Scale, Information Technology, Renewable Energy, Problems of Dhaka Metropolis and Integrated Approach towards Solution of Endemic Problem faced by the public etc. to the Government on different occasions.

## BACKGROUND OF THE PROJECT

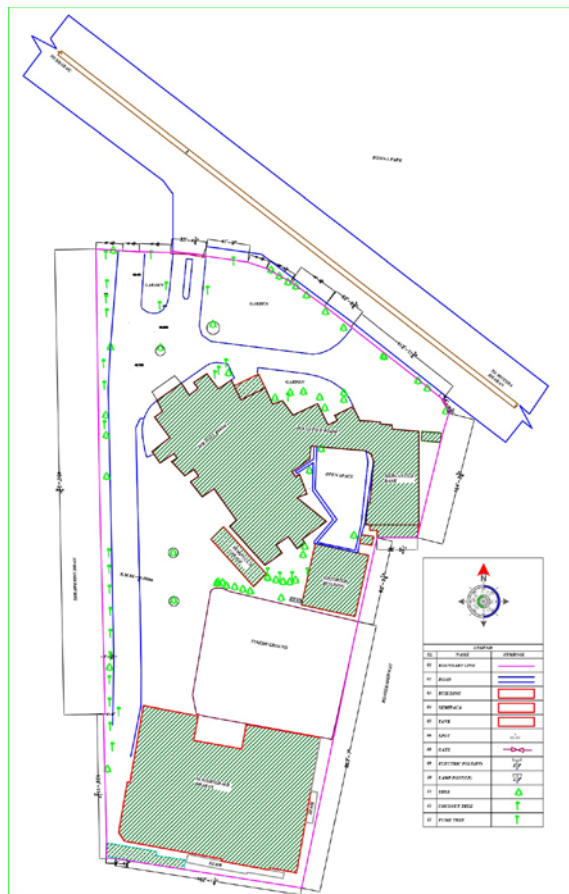
A convention, in the sense of a meeting, is a gathering of individuals who meet at an arranged place and time to discuss or engage in some common interest. Everyone who comes for a meeting gets the knowledge and networking opportunities they're looking for.

In Bangladesh Convention center is a new concept. This distinct building type and functions can add a unique value and dimension to create a new spirit of Bangladeshi architecture. Now a day it is more than a venue for large conventions and events. As the region's premier gathering place, it is where local meetings, banquets, educational, cultural, religious, commercial, and social functions are held for all the members of our community. Convention centers should not only create revenue for a city but improve life for the residents who live there, connect with the community, and integrate within the life of the city.

Dhaka, is a blend of old and new architectural trends; it's a throbbing, chaotic city, a center of industrial, commercial, cultural, educational, and political activity. It is now being a melting pot of cultures and boasting a burgeoning middle class, is the pertaining place for those looking for convention centers for large scale business meetings, wedding celebrations and other major events. The import of these events is not just restricted to the boost in the economy resulting from the particular events held but it also galvanizes the convention and allied industries in the country and increases the prominence of the country as a convention destination, thereby increasing the overall number of international events taking place in the country.

IEB has been promoting and disseminating knowledge and practice of engineering and science. It has also been working relentlessly to establish close and co-operation with the other professional bodies both in Bangladesh and outside the country. Now IEB is planning to develop a project named "IEB convention center" which can involve in the development and operation of convention, conference, and civic centers for generating and maximizing the professionals benefits such as sales, jobs, taxes, etc.. within the country, region and for local community improvement.

## SITE LOCATION



## REGISTRATION & SUBMISSION

### REGISTRATION

1. Fulfill the Registration process and obtain a Registration Number from IAB on dated 22/06/17 to 10/07/17
2. Download “Registration Form” from [www.iab.com.bd](http://www.iab.com.bd)
3. Fill-up the “Registration Form” and mail to [ieb-2017@iab.com.bd](mailto:ieb-2017@iab.com.bd)
4. One registered participant can submit only one proposal.

### ELIGIBILITY

The eligibility of the Architect (Team Leader): According to guidelines of the “Imarat Nirman Bidhimala, 2008”

### QUERIES

1. Download “Queries Form” from [www.iab.com.bd](http://www.iab.com.bd)
2. Fill-up and mail to [ieb-2017@iab.com.bd](mailto:ieb-2017@iab.com.bd)

### JURORS:

1. Engr. Md. Kabir Ahmed Bhuiyan, President, IEB
2. Dr. Engr. Jamilur Reza Choudhury, Past President, IEB
3. Ar./ Engr. Shah Alam Zahiruddin, Ex-Chief Architect, Deptt. of Architecture.
4. DR. ENGR. M. Shamim-uz-zaman Basunia
5. Ar. Mustafa Ameen (A-010)
6. Ar. Md. Rafiq Azam (A-055)
7. Ar. Khandaker Shabbir Ahmed(A-072)
8. A Foreign Architect (Optional)

### PRIZES :

There shall be three prizes for the First, Second, Third Prize Winners and 5 numbers of the Special Mentions.  
The prizes shall be-

<b>First Prize</b>	Tk. 7,00,000.00 (Taka Seven lacs only) & Certificate
<b>Second Prize</b>	Tk. 5,00,000.00 (Taka Five lacs only) & Certificate
<b>Third Prize</b>	Tk. 3,00,000.00 (Taka Three lacs only) & Certificate
<b>Special mentions</b>	Tk. 1,00,000.00 (Taka One lac only) & Certificate to each.

### TIMELINE:

Announcement in Newspaper	19/06/ 2017
Registration opens	22/06/2017 to 10/07/2017
Receiving Queries	10/07/2017 to 15/07/2017
Reply to Queries by email	23/07/2017
Design Submission	23/09/2017

## **SUBMISSION**

### **LANGUAGE**

All competition submittals are to be provided in English.

### **ANONYMITY**

During the competition, the anonymity of the entrants must be ensured. All submittals are to have 50mm X 50mm blank square box (on top right corner). Digital material should also be untraceable. A sealed envelope containing the DECLARATION FORM should accompany the submittals. The envelope must be marked with blank square box only. Revealing the identity of any entrant during competition period will lead to the disqualification of the design and proposal.

### **SUBMISSION REQUIREMENTS**

Deviations from the documents to be submitted as asked for in the following will lead to the jury excluding the design and proposal from assessment.

#### **Master Planning of the Whole Complex**

- Showing entrance(s), traffic solutions and outdoor settings are to be labeled.
- Schematic solution for all the Buildings
- Conceptual sketches (if any)
- Perspective views/ Rendering/ photomontage

#### **Detail Design**

- Detail floor plans.
- Conceptual sketches (if any)
- Any detail drawing if needed
- Elevations (04 side) and sections (Minimum 02 no.).
- Perspective views/ Rendering/ photomontage

#### **Drawings**

- Scale: 1:400(Minimum)
- Sheet size: A0, Landscape
- Maximum sheet nos.: 04 (Four)
- Showing North Up-ward

#### **Model of the Whole Complex:**

- Scale: 1:200
- Base size: 120cm x 90cm (4'-0"x3'-0")
- Base description: 3" Border of Base, Stand height -15"-17"

#### **Report**

- On the concept(s) behind the design and proposal, their relationship to the surroundings and development opportunities
- On how the design and proposal relate to Context and environmental & sustainability considerations
- Calculation of Gross Floor Area (GFA)
- Sheet size: A4
- Orientation: Portrait
- Maximum sheet nos.: 04 (Four) with separate space requirement.
- Font Arial 10 pt.

**Soft copy**

- All drawings in CAD and PDF format.
- All illustrations in suitable high-resolution format and JPG format.
- Report in DOC and PDF format [One nos. DVD or PEN drive]

**1. INSURANCE**

The Client will not insure submitted materials. Entrants are expected to make backup copies of their designs and proposals.

**2. SUBMISSION ADDRESS**

All submittals to be reached at the following –

Date: 23/09/2017(Saturday)

Time: 6:00 PM to 10:00 PM

Venue: IAB CENTRE

Plot- 11, Block- E, Road- 7

Sher-E-Bangla Nagar, Agargaon, Dhaka.

Include separate sealed, opaque envelopes containing the DECLARATION FORM and financial offer(s) as parts of submission. All submitted competition materials should be marked with 50mm X 50mm blank square box.

**3. OWNERSHIP**

The Client retains ownership of the submitted documents up to publication of competition result. The entrants will be notified by email when and where these will be returned.

**4. PUBLISHING AND EXHIBITING**

The Client has the right to freely publish competition designs and proposals. Designs and proposals may be exhibited and published during the competition period while maintaining anonymity for the entrants.

**5. APPROVAL OF THE COMPETITION BRIEF**

The competition brief and appendices have been approved by The Institution of Engineers, Bangladesh (IEB). By submitting a design and proposal to the competition, the entrants accept the competition's brief, rules and regulations.

**DISQUALIFICATION****An entry or entrant will be disqualified if**

- They do not comply with the Eligibility Requirements.
- They do not comply with the Entry Requirements.
- The entry is received after the lodgment deadline.
- The entrant improperly attempts to influence the decision of the Jury.

- The entrant has communicated directly with any member of the Jury, employee involved in the competition, or any coordinator or advisors engaged by the IAB/IEB for the purposes of the competition.
- Any name, sign or symbol on drawings, model or any submittal that helps to trace the participant will disqualify the entry.
- To submit a design which IAB or jurors find it partly a copy from another project.
- Any deviation of the Notes above may cause disqualification.

## **LEGAL AND REGULATORY PRINCIPLES**

Entry in this competition implies agreement by the Organizer (IAB and IEB), the Jury and the candidates to abide by the terms of the competition regulations, specifications and program, and the replies given to Entrants' queries.

Submission of an entry constitutes acceptance of the decisions of the Jury and the decision of IAB/IEB, which shall be final.

The Commissioning Organization undertakes to follow an impartial procedure for the selection of candidates. No appeal shall be admitted.

By participating in the competition, candidates confirm their acceptance of these regulations, specifications, and program, and affirm that they are acquainted with and will strictly abide by the Timetable for the successive stages.

## **PROPRIETY**

Competitors (or any representative of a competitor) must not at any time before the Jury makes final announcement of a winner, contact, or interview or attempt to interview or to discuss or to attempt to discuss with Jury members, employees, Competition coordinator and authorized representatives, any matter about the competition or any other entrant Submitted in response to This competition. The jury reserves the right to reject any entry lodged by a competitor which contravenes this condition.

## **PUBLICITY DURING THE COMPETITION PERIOD**

Once the jury's decision on the designs and proposals has been finalized, the competition result will be made available. During competition period the competing Consulting Firms are expected not to give interviews, make comments, or in any other way make public their own or others' entries until the competition result is disclosed.

## **COPYRIGHT**

Entrants retain copyright to their entries but will give IAB and IEB a perpetual, royalty-free license to use their entries for the following:

Informing and consulting the community through an exhibition. Documenting the competitive process for internal reporting, public notification; and Inclusion on IAB website or in any publication prepared by the IAB on the competition Process and outcomes.

## **TERMS & CONDITIONS**

### **TERMS & CONDITIONS OF APPOINTMENT FOR SELECTION OF ARCHITECT OR FIRM FOR EXECUTION**

1. The First Prize shall be formally appointed by IEB in accordance with the Agreement along with Conditions of Engagements of IAB unless there is any valid reason to decline such appointment under the IAB "Code of Ethics and Professional Conduct" or the IAB Competition Regulations.
2. In such case, the Architect/ Architectural Firm of the 2nd best awarded design may be appointed as the architect and the architect, if required, shall have to make any reasonable modifications to his/her design in accordance with the recommendations of the jury. If the same process fails for the 2nd best design, then the 3rd best awarded design may be appointed as the architect, and shall have to make modifications in the same way, if required.
3. The winner's prize money shall be considered as part Advance Payment to the commissioned architect(s) and shall be adjusted with the winning Architect's total fee.
4. 1st prize winning architect shall have to satisfy IAB that they have the ability to carry out the job properly.
5. Any dispute on the terms and conditions of appointment prior to signing of the Agreement shall be settled by a person nominated by IAB, if necessary, as arbitrator between IEB and the winner. The decision of the Arbitrator shall be final and binding on IEB & the Winner.
6. If, for any unavoidable reason, IEB wants to cancel the competition after the entries are received, the entries will be evaluated & the prizes will be awarded. In such case, the copyright and authorship of the designs will remain with the respective architects and IEB shall return all the submitted designs to them. None of the submitted designs can be executed by IEB or any other architect appointed by IEB
7. If, for any unavoidable reason, IEB does not want to appoint 1<sup>st</sup> prize winner and 2nd and 3rd prize winner then IEB can recall competition abiding by the rules and regulations of IAB and after paying the certificate and prize money to all winners and agreement money to IAB.
8. No member of the Jurors, the Competition Director and his team, the Competition Manager, their family members or their business associates/Partners or employees are eligible to compete or assist competitors in any way in the competition.
9. Members of the Jurors shall not involve themselves in any way with the Project after the competition, except where IAB and the Client jointly make a request in writing for such any involvement.

### **EVALUATION CRITERIA**

The jury will make a general assessment of the designs and proposals based on, but not limited to, the following criteria, in no particular order, as well as on the requirements and objectives included in the brief:

#### **Comprehensive**

- Achievement of values in freshness of idea and thought.
- Sensitivity to URBAN LANDMARK.
- Sustainable construction.

**Master Planning of the Whole Complex**

- Spatial efficiency, sensitivity towards the surrounding urban & natural environment.
- Intelligent and creative use of the site in landscaping and climatic consideration and natural resources through incorporating sustainable building concepts.
- Internal circulation for vehicular traffic and pedestrians as well as different entry for different services & loading-unloading facilities.

**Detail Design**

- Usability, comfort, and ease in functional arrangement.
- Efficient use of day-light, natural ventilation etc. through proper placement of the mass.
- Suitable floor height.
- Balance among economy of building, spirit of national identity and demand of a highly valuable urban land.
- Considering fire, health & life safety issues.

Sample: [Jury will finalize]

	Criteria	Achievements	Remarks
A.	Achievement in terms of freshness of ideas & architectural thinking		
B.	Sustainability		
	1. Energy Efficiency:		
	2. Ecological Issues:		
	3. Spatial Issues:		
	4. Contextual Issue		
	5. Idea of Form		
C.	Functional & Aesthetic Issues:		



D.	Response to Users' Need		
E.	Elegance of Construction & Detail		

## **ANNEXURE:01**

### **MAJOR PROGRAM:**

#### **A. CONVENTION CENTERS**

**1. Multipurpose hall 1 nos.** -for 1500 persons Divided into 3 Part (3×500 =1500 persons)  
Supporting facilities: lobby, service are, storage.

**2. Auditorium 1 nos.** (for 750 persons) performing arts facilities with fixed seating.  
Supporting facilities: lobby, Green room, back stage, rehearsal space, storage.

**3. Seminar Rooms 2 nos.** (01 for 300 persons,01 for 200 persons)  
Supporting facilities: lobby, storage

#### **B. PUBLIC ORIENTED FUNCTIONS**

1. Restaurant 1nos. (for 250 persons)

2. Coffee shop 1 nos. (for 50 persons)

3. Prayer hall 1 nos.

4. Swimming pool 1 nos.

5. Tennis court 1 nos.

6. Monument for Martyrs

7. Departmental store

#### **C. OTHERS**

1. Administration & maintains office

2. Electro mechanical room

3. Parking – Please Provide Car Parking area as much as possible by Using unused FAR Area and provide the provision in design.

#### **D. COMMERCIAL SPACE**

Office– not exceeding 15,000 per floor, up to maximum possible height allowed by CAAB with separate entrance. However, some facilities like parking may be shared with convention center.

- Central A/C for Main Lobby,Auditorium, Multipurpose Hall and Seminar rooms
- Dining facilities would be supported by external catering and service area.

## SPACE REQUIREMENTS

No.	Description	Capacity	Sqft/person	Area (sqft)		Proposed Area	parking
					Total		
1.	<b>Main Lobby, information booth, reception, souvenir shop</b>				<b>10,000</b>		According to bidhimala 2008
2.	<b>Multipurpose hall</b>	1500 persons					
	Lobby, lounge, reception, information booth, service etc.			10,000			(1 for each 100 sq m)
	Hall area		10 (T.S.S. P-827)	15,000			36 nos. parings
	kitchen and storage			6,000			
	circulation		25%	7,750			
	<b>Sub-Total 2 :</b>				<b>39,000</b>		
3.	<b>Auditorium</b>	750 persons					
	Entrance lobby reception, information booth, souvenir shop, service etc.			5000			1 for each 20 seats
	Main Auditorium Hall (seating)			7500			38 nos. parking
	Stage			2,500			
	Support facilities (Back stage, green room, , storage etc.)			2,500			
	rehearsal space			2500			
	circulation		25%	5000			
	<b>Sub-Total 3 :</b>				<b>25,000</b>		
4.	<b>Seminar room 1</b>	300 persons					1 for each 200 sq m
	Lobby, reception, information booth, service etc			2,200			
	Seminar area		20 ( <a href="http://www.planninghelper.com/spv-207.aspx">http://www.planninghelper.com/spv-207.aspx</a> )	6,000			
	storage			800			
	circulation		25%	2,250			9 nos. parking
	<b>Sub-Total 4 :</b>				<b>11,250</b>		
5.	<b>Seminar room 2</b>	200 persons					
	Lobby, reception, information booth, service etc			1500			
	Seminar area		20 ( <a href="http://www.planninghelper.com/spv-207.aspx">http://www.planninghelper.com/spv-207.aspx</a> )	4,000			
	storage			500			
	circulation		25%	1,500			
	<b>Sub-Total 5 :</b>				<b>7,500</b>		
6.	<b>Restaurant</b>	250 person	20 -for dining area (T.S.S. P-827)		<b>12,000</b>		1 for each 100 sq m
7.	<b>Coffee shop</b>	50 persons	18-for dining area (T.S.S. P-827)		<b>1,500</b>		13 nos. parking
8.	<b>Prayer space</b>				<b>3,000</b>		1 for 300 sqm 1 nos. parking
9.	<b>Swimming pool</b>	25 m recreational pool with service			<b>14,000</b>		1 for each 200 sq m
10.	<b>Tennis court</b>	for doubles matches, (120'x60')			<b>7,200</b>		10 nos. parking
11.	<b>Administration</b>				<b>10,000</b>		1 for each 200 sq m
12.	<b>Electro mechanical room</b>				<b>5,000</b>		5 nos. parking
13.	<b>Total parking</b>				<b>112 no.</b>		
14.	<b>Commercial space (office)</b>				<b>15,000-20,000/floor</b>		

**Total ( without commercial space)..... 1,45,450 sq ft.**

## **ANNEXURE:2**

### **FAR CALCULATION**

#### **Far calculation**

**Building type: Land allotted as Institutional Building (Office Type)**

**Occupancy Type: F-1, E (Convention cum Office Building)**

Total Land area	1,51,502.04 sq ft.
Road width	24 m
FAR (as per E type)	7
FAR AREA	7 X 151502.04 = 1060516.8 SFT
MGC 50%	75,751.02 sq ft
Soak able green 25%	37,875.5 sq ft
Existing building per floor area	22,840 sq ft
Podium ( Useable Podium less than 75% of total Land)	Up to 12m height
Internal Road	8m Both way
Internal Drive way	6m Both way