



UNIVERSITY OF DHAKA

OPEN ARCHITECTURAL DESIGN COMPETITION

For the Design of

“Landmark Monument: Celebrating 100 Years of the University of Dhaka and Golden Jubilee of Independence of Bangladesh” at Mall Area, University of Dhaka

COMPETITION BRIEF

Single-staged National Anonymous architectural design competition organized by the University of Dhaka.

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.

BACKGROUND OF THE PROJECT

The University of Dhaka has allocated development funds for “construction of Landmark Monument: Celebrating 100 Years of the University of Dhaka and Golden Jubilee of Independence of Bangladesh” in mall area on the spot earlier selected to construct “Kendrio Shahid Minar” by Ex. VC Professor Dr. Muzaffar Ahmed Chaudhury in 1972. The Landmark Monument will represent the DU over its 100 years journey incorporating knowledge and our struggle for freedom (Ref. Map: Site Location).

OBJECTIVES OF THE ASSIGNMENT

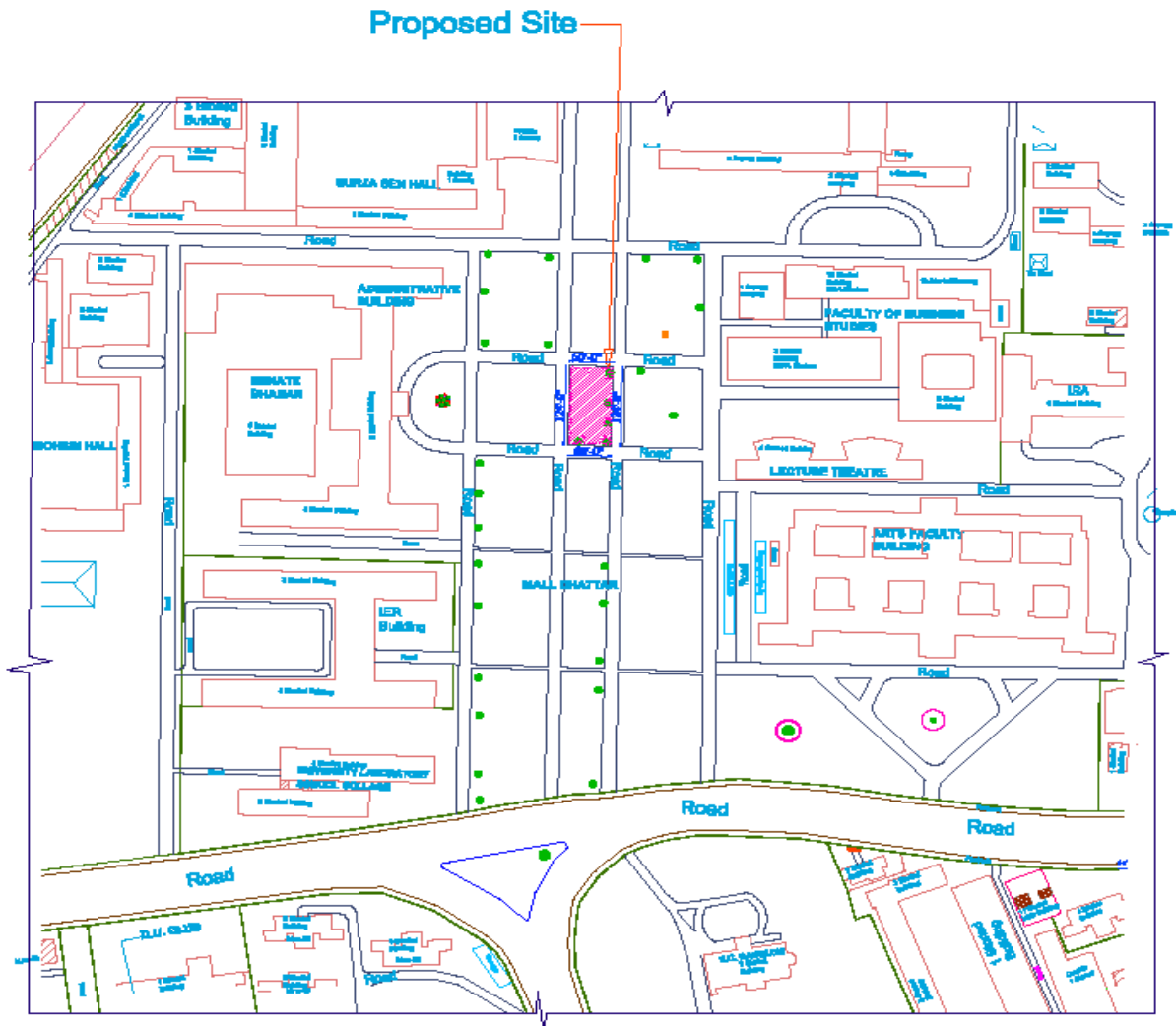
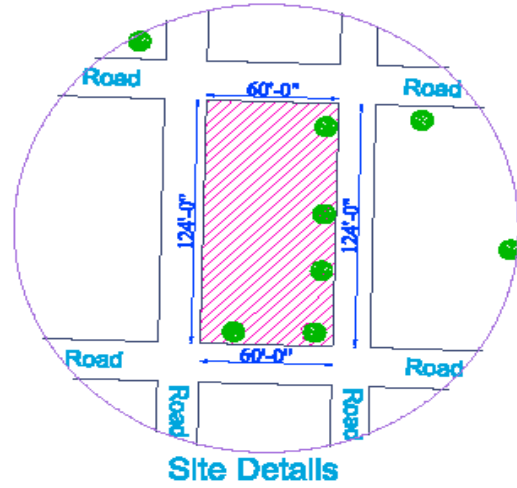
- To create a minimalistic, iconic and instant image that represents Dhaka University for generating new knowledge, integrating knowledge, revolution, Liberism, Democratic values, Secularism, Unity and Sacrifice over its 100 years period of existence.
- To uphold the contribution of University of Dhaka during the period of language movement of 1952, mass upsurge of 1969 and our Liberation War to pave the path of independent Bangladesh.
- To consider the Mall area as “Muktijodhdha Chattar” with necessary/befitting landscape to be done along with the “Landmark Monument” proposal.

SCOPE OF SERVICES

Architect/Firm must have capability to provide following consultancy services under this competition:

- prepare quantity survey map
- prepare sub-soil Investigation report
- prepare site layout plan
- prepare landscape of the site
- prepare architectural design and drawings
- prepare structural design and drawings
- prepare sanitary & plumbing, gas connection, electrical and mechanical design and drawings
- prepare cost estimate (BOQ) and Tender documents
- top supervision

SITE LOCATION



NOT TO SCALE

Note: Hatched area is for Monument and the total Mall area for the landscape.

REGISTRATION & SUBMISSION

REGISTRATION

1. Fulfill the Registration process and obtain a Registration Number from DU on dated / /19 to / /19
2. Download "Registration Form" from <http://e-tender.univdhaka.edu> or <http://www.du.ac.bd>
3. Fill-up the "Registration Form" and mail to akmmmustafa@gmail.com
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 <http://e-tender.univdhaka.edu> or <http://www.du.ac.bd>
2. Fill-up and mail to akmmmustafa@gmail.com

JURORS

1. Professor Dr. Nasreen Ahmad, Pro- Vice-chancellor (education), DU
2. Dr. Engr. Jamilur Reza Choudhury, Vice-chancellor, University of Asia Pacific, Dhaka
3. Professor Shibli Rubayat ul Islam, Dean, Faculty of Buisness Studies
4. Professor Nisar Hossain, Dean, Faculty of Fine Arts
5. Professor Dr. Nasreen Hossain, Head of Department, Department of Architect, BUET, Dhaka
6. Ar. Md. Rafiq Azam, Chief Architect, Shatotto Architecture for green living
7. Ar. Md. Rabiul Husain, Director and Chief architect, Shahidullah and Associates Limited, Jahanara Garden, Green Road, Dhaka
8. Ar. Jalal Ahmed, President, IAB, Agargaon, Dhaka
9. Ar. Khan Md. Mustapha Khalid, Managing Director, Vistaara Architects (Pvt.) Limited

OBSERVER

1. Professor Dr. A S M Maksud Kamal, Dean, Faculty of Earth and Environmental Sciences
2. Professor Dr. Abu Md. Delowar Hossain, Dean, Faculty of Arts

PRIZES

There shall be three prizes for the First, Second and Third position as follows:

First Prize	Tk. 5,00,000.00 (Taka Five lacs only) & Certificate
Second Prize	Tk. 3,00,000.00 (Taka Three lacs only) & Certificate
Third Prize	Tk. 2,00,000.00 (Taka Two lacs only) & Certificate

TIMELINE:

Announcement in Newspaper	24/06/2019
Registration opens	01/07/2019 to 15/07/2019
Receiving Queries	21/07/2019 to 05/08/2019
Reply to Queries by email	28/08/2019
Design Submission	31/10/ 2019
Jury	03/11/2019 to 19/11/2019
Award Declaration	26/11/2019

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 Mall Chattar

- Showing entrance(s), traffic solutions and outdoor settings are to be labeled.
- Schematic proposal of the Mall Chattar landscape with relation to surrounding buildings and proposed Monument.
- Conceptual sketches (if any)
- Perspective views/ Rendering/ photomontage
- Scale: 1:4000 (Minimum)

Detail Design

- Detail plan for the Monument
- Conceptual sketches (if any)
- Any detail drawing if needed
- Elevations and sections (as many as required to clarify the proposal)
- Perspective views/ Rendering/ photomontage
- Scale: 1:200 (Special details if needed = 1:50 optional)

Drawings

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

Model of the Landmark Monument

- 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
- Sheet size: A4
- Orientation: Portrait
- Maximum sheet nos.: 04 (Four) with separate space requirement
- Font Arial 10 pt
- No. of Report: 9 (Nine)

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]

INSURANCE

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

SUBMISSION ADDRESS

All submittals to be reached at the following –

Date: / /2019 (day)

Time: 0:00 PM to 0:00 PM

Venue: Alumni Floor, Ground Floor, Senate Bhaban, University of 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.

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.

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.

APPROVAL OF THE COMPETITION BRIEF

The competition brief and appendices have been approved by The University of Dhaka. 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 DU 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 (DU), 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 DU, 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 DU 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 DU website or in any publication prepared by the DU 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 DU in accordance with the Agreement along with Conditions of Engagements of PPR unless there is any valid reason to decline such appointment under the DU “Code of Ethics and Professional Conduct” or the DU 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 DU 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 DU, if necessary, as arbitrator between DU and the winner. The decision of the Arbitrator shall be final and binding on DU & the Winner.
6. If, for any unavoidable reason, DU 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 DU shall return all the submitted designs to them. None of the submitted designs can be executed by DU or any other architect appointed by DU.
7. If, for any unavoidable reason, DU does not want to appoint 1st prize winner and 2nd and 3rd prize winner then DU can recall competition abiding by the rules and regulations of DU and after paying the certificate and prize money to all winners and agreement money to DU.
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 DU 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 Mall Chattar

- 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 height of the Monument.
- Balance among economy, 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: DETAILED SCOPE OF CONSULTANCY SERVICES

Pre-Design Work

Architect/Firm will make a quantity survey of the selected site covering adjoining structures, external & internal roads, electricity, gas, water, sewerage lines etc. Further they will make an assessment of the existing conditions of the site and likely impact of the proposed construction work. Two sets of detailed site analysis report (survey report) in the form of inception report shall have to be submitted to the Client by the Consultants.

Preparation of Sub-soil Investigation report

Architect/Firm will perform the sub-soil investigation to determine the bearing capacity of the soil in designing cost effective safe foundation for construction works as per standard practice.

Preparation of Architectural Drawing

- As per selected competition design the Architect/Firm will prepare the architectural drawing for commencing the work as well as landscape of the site.
- Selected Architect/Firm shall also be employed to develop the proposed design with necessary amendment and modifications in the structural system and architectural character along with the internal space layout, elevation, in 3-Dimensional architectural view where ever applicable.

Preparation of Structural Design and Drawing

On the basis of the approved architectural drawing, Architect/Firm shall prepare detailed structural design and drawings of the proposed Tower i/c. sufficient details for necessary approval of the client.

Structural Design and Drawing shall at least include but not limited to the following;

- Bearing capacity of soil
- Ultimate strength of reinforcement f'_y
- 28 days concrete strength f_c
- Clear covers, hooks, lapping details
- Mix proportions
- Design criteria method (USD/WSD) and assumption
- Super structure details
- Wind load assumption

Structural drawing should be with sufficient details for clear understanding of all the structural elements of the Monument.

All structural designs must conform to the requirement of Bangladesh National Building Code 1993. Anything which is not covered by BNBC, shall conform to the necessary provisions of UBC.

Preparation of Plumbing & Sanitary Design and Drawing

Architect/Firm shall prepare the plumbing & sanitary design and drawings of the project duly approved by the authority as per approved architectural drawings.

Plumbing design and drawing shall at least include but not limited to the following;

- Roof/surface drainage plan
- Water supply and drainage plan
- Detail of pipelines

Preparation of Electro Mechanical Design and Drawing

Architect/Firm shall prepare the internal and external electro mechanical design and drawing duly approved by the client for the project as per the approved architectural design & drawing.

Electro-mechanical design and drawing shall include at least but not limited to the following;

- Layout plan fitting and fixture
- Position and size of DB, circuit breaker, bus-bar
- Cable line route with size
- Laying of PVC/G.I pipe (Concealed/Surface)
- Earthing details
- Fire alarm, detection and fire fighting system details if required
- Site plan/lay out plan showing H.T/L.T distribution line/electric poles if required
- Cable route with size Service connection
- Transformer with sub-station equipment including layout plan and details with lightening arrestor

Preparation of Estimates, Bill of Quantities

Architect/Firm shall prepare detailed cost estimate including specification of the proposed projects as per PWD current schedule of rates, any item not covered by PWD schedule of rates, the cost should be calculated on the basis of present market rate and shall obtain approval from the Client. They will also prepare Bill of Quantities (BOQ) and submit the same to the Client for Approval.

Preparation of Bidding Documents

Architect/Firm shall prepare and submit 2 (two) set of draft Bidding Document for review and approval of the Client which includes detail working, drawing, technical specification, engineering estimate, BOQ, conditions of contract, instruction to bidders etc. After approval of the Client, the Consultants shall submit to the Client 10 (ten) set of approved and complete Bidding Documents for invitation of tender for the construction contractors.

Top Supervision

Architect/Firm shall be responsible for top supervision of the construction work and shall assist the Client in all technical aspects as and when required by the authority.

ANNEXURE-02: SUBMISSION OF DRAWING & DOCUMENTS

All final drawings/documents should be submitted with nice binding (i.e. A2/A3 or required size offset papers covered with Art paper) and As-built drawing should be submitted with 1 set by offset papers & with another 1 set by tracing paper.

a) Conceptual/Preliminary Drawing-Design

- i. Architectural drawing : 02 sets
- ii. Structural drawing : 02 sets
- iii. Electrical drawing : 02 sets
- iv. Sanitary & Plumbing drawing : 02 sets
- v. 3D View : 02 sets

b) Final Drawing-Design

- i. Architectural drawing : 10 sets
- ii. Structural drawing : 10 sets
- iii. Electrical drawing : 10 sets
- iv. Sanitary & Plumbing drawing : 10 sets
- v. 3D View : 10 sets
- vi. Model : 01 no.

c) As-Built Drawing-Design

- i. Architectural drawing : 02 sets
- ii. Structural drawing : 02 sets
- iii. Electrical drawing : 02 sets
- iv. Sanitary & Plumbing drawing : 02 sets
- v. 3D View : 05 sets

d) Detail cost estimate with specification : 02 sets

e) Tender document (i/c BOQ and detail : 10 sets

Technical Specification, etc.)

f) Electronics copies of all documents (i/c. Drawing-Design, Cost Estimate & Tender-Documents, etc.).

N.B Architect/Firm will provide their Brochure with necessary documents according to Notice published by University of Dhaka.

ANNEXURE-03: ESTIMATED COST OF THE PROJECT & CONSULTANCY FEE

Cost of the Project

Architect/Firm should estimate approximate cost of the project. Detail cost estimate of the project have to be submitted after final designing the monument. For estimation of the project PWD Schedule of Rates-2018 should be followed.

Total cost of the project = Tk. (In Figure)

..... (In Word)

Consultancy Fee

Component	Consultancy Fee	
	In Figure	In Words
a) Survey, Sub-soil investigation, Architectural, Structural, Electrical, Electro-Mechanical, Sanitary & Plumbing and Gas Connection Drawings & Design, Model, etc.		
b) Detail Cost Estimate with specification and Tender Documents (i/c. BOQ and detail Technical Specification, etc.)		
c) Top Supervision		
Total		

ANNEXURE-04: MODE OF PAYMENT & CONTRACT AGREEMENT

Mode of Payment

Architect/Firm should maintain the provision of University of Dhaka for Mode of Payment. Schedule of payment finalize as per follows:

- i) On submission of Survey report, Sub-Soil Investigation report and Preliminary Architectural drawings & design 25% (Twenty Five percent) only.
- ii) On submission of final drawings (Architectural, Structural, Electrical, Electro-Mechanical, Sanitary & Plumbing, Gas connection, etc.) 30% (Thirty percent) only.
- iii) On submission of cost estimate with Specification and tender documents 25% (Twenty Five percent) only.
- iv) For top supervision 20% (Twenty percent) only.
- v) From each bill retention money @ 10% (Ten percent) will be deducted which will be refunded after payment of contractor's final bill
- vi) Income tax, VAT and other charges (if any) will be deducted as per rules of the University

Contract Agreement

Contract Agreement will be made between selected Architect/Firm and University of Dhaka according to PPR 2008 (PS4/PS6).