



**2020 GUANGDONG-HONG KONG-MACAO GREATER BAY AREA AND  
ASEAN INTERNATIONAL COLLEGES AND UNIVERSITIES  
CONSTRUCTION COMPETITION PRELIMINARY CONTEST  
(INDONESIA DIVISION)**

**Theme : WATERFRONT BIRD-WATCHING PLATFORM**

**Jury :** 1. Ir. EKO PRAWOTO, M.Arch.  
2. REALRICH SJARIEF  
3. GEDE KRESNA  
4. I GUSTI LANANG BAGUS ERATODI, Ph.D.  
5. AA. GD RAKA GUNAWARMAN  
4. SHENG YOHUNG  
5. ZHONG GUANQIU

**Submission Deadline : November, 2<sup>nd</sup> 2020**

**Jury Review : November, 11<sup>th</sup> 2020**

**International Competition in Guangzhou : December, 19<sup>th</sup> 2020**

## **I. BACKGROUND**

Guangdong-Hong Kong-Macao Greater Bay Area and ASEAN International Colleges and Universities Construction Competition is hosted by School of Architecture of South China University of Technology and Guangzhou Nansha Bird Park, the Construction Competition with largest scale in China. From the year of 1998 till now, the Construction Competition has been launched and continued for 22 years.

The competition is designed to exercise the hands-on ability of students majored in architecture and encourage them to build facilities in real life with origin material size, which will improve the practical experience of 1:1 scaling bamboo constructions. 2020 Guangdong-Hong Kong-Macao Greater Bay Area and ASEAN International Colleges and Universities Construction Competition will be setting separate preliminary contest divisions in Indonesia, Thailand, Hong Kong, Macao



and Taiwan. Each of the divisions will be inviting universities to join the preliminary contest.

The winner of the first and second prize works will be built on a 1: 1 scale at the Guangzhou Nansha Bird Park between November, 29<sup>th</sup> 2020.

## II. ORGANIZATION

**Organizer Units** : School of Architecture, South China University of Technology  
Guangzhou Nansha Bird Park

**Guidance Units** : Guangzhou Municipal Housing and Urban-Rural Development Bureau

**Support Units** : Guangzhou Nansha Housing and Urban-Rural Development Bureau  
Guangzhou Nansha Culture, Radio, Television, Tourism and Sports Bureau  
Guangzhou Nansha Industry and Information Technology Bureau  
Guangzhou Nansha Finance Bureau  
Wanqingsha Town, Nansha District, Guangzhou

**Co-organizer Units :** Warmadewa University  
Chiang Mai University  
Guangzhou Nansha Asset Management Group Co., Ltd  
South China University of Technology Guangdong-Hong Kong-Macao Greater-Bay Area Alumni Association  
Guangzhou Nansha Wetland Tourism Development Co., Ltd  
Guangzhou Cultural Creative Industry Association  
Guangzhou Interior Design Association (Yangcheng Design Alliance)  
MIT Landscape Construction(Guangzhou) Co., Ltd



### III. JURY

There will be 7 preliminary judges :1 South China University of Technology judge, 1 Nansha Bird Park judge, 5 other judges selected by Indonesia Warmadewa University, faculty of Planning and Engineering.

#### **Jury Members :**

**SHEN YUHONG**, chairman of Yangcheng Design Alliance ,chairman of the board of Shine & Partners (2020 jury)

**ZHONG GUANQIU, M.Arch.**, Lecturer of School Of Architecture, South China University of Technology. Guangzhou, China **.(2020 Jury)**

**Ir. EKO PRAWOTO,M.Arch.** Principal of Eko Prawoto Architecture, Lecture of Design Product, Eco-Design, Universitas Kristen Duta Wacana. Yogyakarta, Indonesia.

**REALRICH SJARIEF**, Realrich Architecture Workshop Principal. Indonesia.

**GEDE KRESNA**, Rumah Intaran Principal Architect. Bali-Indonesia.

**I GUSTI LANANG BAGUS ERATODI, Ph.D.**, Structure Analysis, expert on bamboo and concrete Structures. Lecture, Faculty of Engineering, Universitas Pendidikan Indonesia, Bali.

**AA. GD RAKA GUNAWARMAN**, Lecturer at Department Architecture, Warmadewa University, faculty of Planning and Engineering.

### IV. CONSTRUCTION CONTENT

Construction Theme **“Waterfront Bird-Watching Pavilion”**

The venue for the building competition is located in Nansha Bird Park, where there is the home for many waterfowls. In which, waterfowls are undoubtedly a beautiful landscape in the park, and exploring the design of the waterfowl watching platform by the water is the theme of this competition.



Case: The picture on the left is a bamboo work case in the park. It will build a certain length of bridge extending to the water surface, as well as a 5.5×5.5 m water platform on the water surface for the on-site construction of works.

### MODEL REQUIREMENTS

|                     |   |
|---------------------|---|
| <b>Construction</b> | <p>The main structure of the bird watching platform is made of raw bamboo; the foundation of the main structure is a steel structure platform built above the water surface, on which is placed the bird watching platform.</p> <p>The steel structure platform is about 6 X 6 meters (pre-built); try to pre-assemble as much as possible;</p> |
| <b>Positioning</b>  | <p>Build a bird watching platform by the water, design and create a bird watching scene;</p>  |
| <b>Size</b>         | <p>Within 4×4×4 meters, there is no limits for the upper limit of the volume, it is recommended to be small and precise and highlight the design concept;</p>   |
| <b>Function</b>     | <p>Designed for visitors to watch waterfowls and rest by the water; the way and scene of bird watching are defined by the design; it needs to take the night scene into consideration;</p>  |
| <b>Material</b>     | <p>The major structure and keel must be original bamboo structure. Most of the materials are original bamboo structures and metal connections can be used. Other materials are allowed for the enclosure structure.</p>   |
| <b>Exploration</b>  | <p>Exploratory: Exploration and innovation in structure and building</p>  |



|               |   |
|---------------|---|
| <b>Safety</b> | Can resist typhoons and meet the safety requirements of people at all ages. |
|---------------|---|

## V. PRIZE & AWARD

### 1<sup>st</sup> PRIZE (2 Team)

**Rp. 7.000.000** + certificate + free subscription magazine and qualified to enter 2020 Guangdong-Hong Kong-Macao Greater Bay Area and ASEAN International Colleges and Universities Construction Competition FINAL JUDGEMENT.

### 2<sup>rd</sup> PRIZE (4 Team)

**Rp. 6.000.000** + certificate + free subscription magazine and qualified to enter 2020 Guangdong-Hong Kong-Macao Greater Bay Area and ASEAN International Colleges and Universities Construction Competition FINAL JUDGEMENT.

### 3<sup>rd</sup> PRIZE (6 Team)

**Rp. 5.000.000** + certificate + free subscription magazine.

## VI. PROCEDURE

1. Warmadewa University as the organizer, becomes an honorary participant where his work will be build, and is not allowed to participate in the competition because he has won the award 2 times.
2. Fair competition open for all architecture and relevant major students around the globe. Full-time on-campus architecture students from accredited institutions.

Participating Teams: In-school student and academic adviser. Mainly students of Architecture Faculty, can actively encourage other faculty to join. Any year of students can make a team themselves and join the competition (4-6 people and 1-2 academic adviser per team).

Only the team leader will be contacted when necessary if students participate as a team.



3. Online registration log on [www.teknikonunwar.aci.id/bambbocompetition2020](http://www.teknikonunwar.aci.id/bambbocompetition2020) will be carried out on the Google Form.

After fill the registration, participants will get a serial number for submissions code Participant must have team leader and academic adviser as mentor for team.

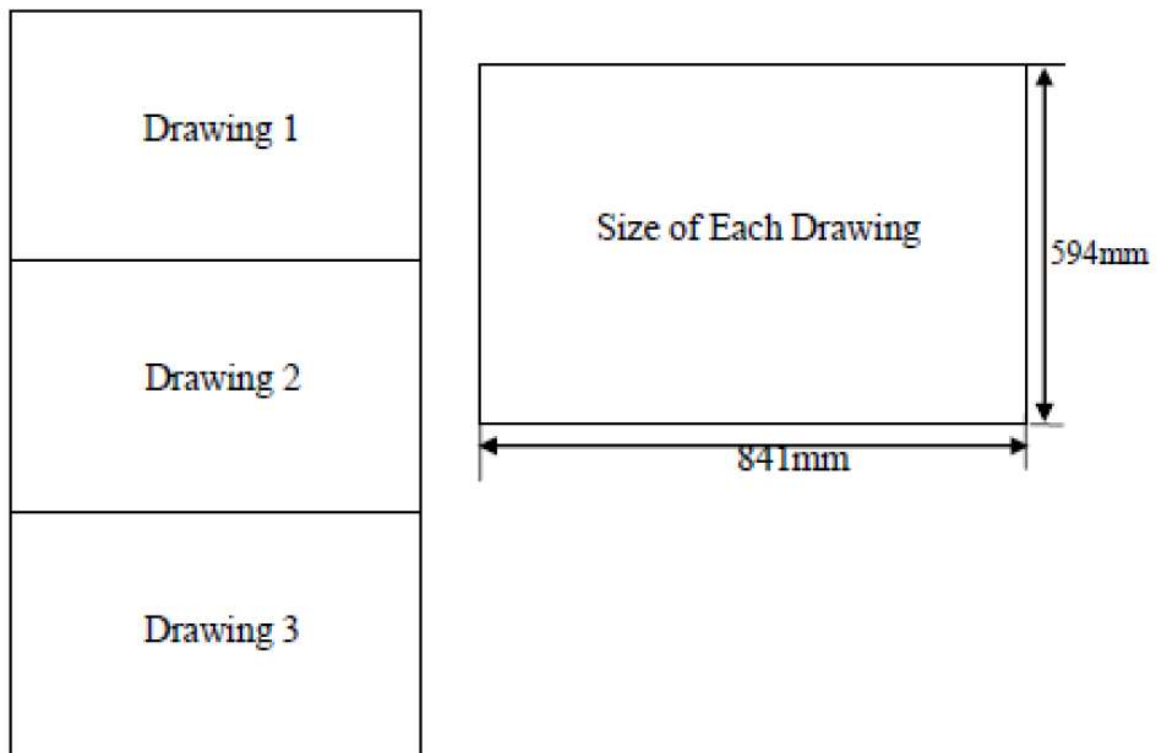
4. Please submit the digital version of drawing contents, construction model (maquette) scale 1:50 or 1:100 (Photo), and other related documents to [bamboo.competitionunwar1@gmail.com](mailto:bamboo.competitionunwar1@gmail.com) before the submission deadline, 08.00 (GMT +8) November, 2<sup>nd</sup>. The organizing accepts no printed version. entries will be printed and exhibited together in due time.

NB. The model will be taken when the participant is declared in the top 10 and judged by the jury.

5. all competitions will be conducted online, and the final presentation link will be further informed.
6. The jury decision cannot be sued.

## VII. SUBMISSION

1. Please submit the digital version of drawings and related documents to [bamboo.competitionunwar1@gmail.com](mailto:bamboo.competitionunwar1@gmail.com) Please include "competition+ serial number" in the e-mail subject line. If the entry is too large to attached, please upload to File Sharing Software such as "Wetransfer" or "Googledrive" and provide download link in the submission email. Entries will be printed and laid out by the committee.
2. Language : English
3. Scale and dimensions must be in metric units.
4. Documents: Recognizable scanned copy of passport and student card should be attached in the e-mail. Students themselves are responsible for the authenticity of the documents.
5. Entry Requirements
  - a. Specification : The layout of the 841mm x 594mm drawing should be horizontal. Each work should be composed of 3 drawings as follows :



- b. Content : Site-plan that can fully express the design intention; plans, elevations and sections; perspective drawing, illustration and a design description of about 500 words (to be integrated in the pictures and drawings). There is no limitation on proportion.
  - c. A TXT document must be attached in the e-mails of the submission, which include participants' name, registration number, e-mail address, mobile phone number, name and contact information of the advisor (if any), the full name of the school and department, title and brief introduction of the submitted work.
6. Drawing layout requirements:
- a. Please submit the drawing layout (300 dpi, long side is more than 1500 pixels) in the version of jpg. and name the picture according to the content (such as XXX plan 1)
  - b. Please submit the text information in the folder named by the participant(s)' name.

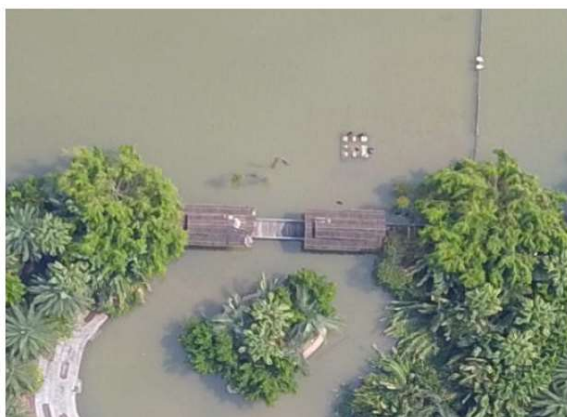


# VIII. CONSTRUCTION SITE.

The competition site condition for the Construction Competition is Nansha Bird Park, outdoor site in Southern China; however, due to uncertain factors of general competition site, such as slope or unevenness of the site, vegetation in surrounding area and change in illumination condition. Participating teams shall consider various countermeasures when constructing works.

**Construction terrain options (choose one) :** On bridges; Land with grasses or walk way with solid ground; Courtyard

**Construction Position :**







## IX. TIME SCHEDULE

|  |  |
|--|--|
| <b>Launching</b>   | <b>August 5<sup>th</sup> 2020</b>                    |
| <b>Collection of Design Completeness</b>                 | <b>November 2<sup>th</sup> 2020</b>                  |
| <b>Invitation and Confirmation to the Nominations</b>    | <b>November 5<sup>th</sup> 2020</b>                  |
| 1. <b>Presentations on the jury.</b>                     | <b>November 11<sup>th</sup> 2020</b>                 |
| 2. Participants receive input / criticism from the jury. |  |
| 3. Biggest Winner Announcement to China                  |  |
| Implementation of design results in China                | Nov, 29 <sup>th</sup> – dec, 19 <sup>th</sup> . 2020 |
| <b>Final Judging Asia in China</b>                       | <b>December, 19<sup>th</sup> 2020</b>                |

## X. REGULATION

1. Individual participants and groups must agree with and follow the competition requirements and regulations. The organizing committee reserves its right of final interpretation.
2. Entries with words or pictures relating to the name or department of participants in the digital drawings will be disqualified from the competition.
3. All entries are accepted (while including author's name) with the explicit free right of publication, reproduction, and promotional use by competition organizers and sponsors without need for further approvals.



4. Entries that have been submitted to other competitions, published on other public occasions or found to be similar to other works in terms of design ideas will be disqualified from the competition.
5. Any participant that contacts juries about the competition during the entirety of the competition process will be disqualified from the competition.
6. Each participant can only register in one team.
7. Each group is only allowed to submit one piece of work. Repeated submission is prohibited. Once discovered, the organizing committee owns the right to choose any one of them.
8. The information of the team is based on the final submission of the TXT file.

## XI. BUDGET

**Warmadewa University, Faculty of Planning and Engineering  
Department of Architecture, South China University of Technology  
Guangzhou Nansha Bird Park**

| No.           | Description of Unit                 | Amount of Price (Rp.) |
|---------------|-------------------------------------|-----------------------|
| 1             | Honor Jury (5 people)               | 15.000.000            |
| 2             | Competition Prizes                  | 18.000.000            |
| 3             | Competition Participant Certificate | 3.500.000             |
| 4             | Mass Media & Coverage               | 5.000.000             |
| 5             | Flyers & Publications (adds on)     | 5.000.000             |
| 6             | Virtual Room Preparation            | 1.500.000             |
| 7             | Rent Video Conference               | 4.500.000             |
| 8             | Space Equipment                     | 3.000.000             |
| 9             | Committee equipment                 | 3.000.000             |
| <b>JUMLAH</b> |                                     | <b>58.500.000</b>     |

## XII. CONTACT

Official Site (indonesia) : [www.teknikunwar.aci.id/bambbocompetition2019](http://www.teknikunwar.aci.id/bambbocompetition2019)

Email : [bamboo.competitionunwar1@gmail.com](mailto:bamboo.competitionunwar1@gmail.com)



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