

LED Lamp Lantern Design Competition Competition Details



Organizers

- Electrical and Mechanical Services Department of the HKSAR
- CIE (Hong Kong)
- Hong Kong Interior Design Association
- Caritas Bianchi College of Careers
- Hong Kong Design Institute
- Hong Kong Polytechnic University
- Technological and Higher Education Institute of Hong Kong

Objectives

- To promote household LED lamps usage and introduce the advantages of LED lamps
- To increase public awareness on selection of LED lamps with Voluntary Energy Efficiency Label during light bulb procurement

Theme and Requirement

- To design household lamp lantern with AC 220V power input
- The lamp lantern shall use LED light bulb as the lighting source assembly with light bulb holder and basic control components

Category

1. Student Category
 - Full-time student from post-secondary education institutions, including universities or IVE, etc.
 - Individual or group (maximum 3 students)
2. Open Category
 - Graduates of engineering or design courses in 2016 or afterwards
 - The applicant must enter the competition on an individual basis

Competition Stage

The Competition consists of 2 stages: Stage 1 requires a Design Proposal in specified format. The Judging Panel will assess the submitted design to select finalists for the second stage. Stage 2 will be the model development based on the first stage Design Proposal.

Stage 1: Design Proposal

The applicant can choose from one of the follow areas for their design proposal:

- Illumination for reading/working at home
- Illumination for living room
- Illumination for dining room
- Household applications in other living space

Stage 2: 1:1 Model Development

The selected finalists shall produce a 1:1 mock-up model based on the Stage 1 Design Proposal.

Note:

- The selected Stage 2 finalists will be notified individually. They shall submit their mock-up models together with the original drawings to the Organiser on or before **5 March, 2021 (Friday)**.
- A maximum of **10** finalists shall be selected from each Category for Stage 2.
- A maximum of **HKD5,000** subsidy will be granted for the selected Stage 2 finalists of Student Category for Model Development. The subsidy can only be used for mock-up model production and will be reimbursed with supporting receipts only.
- No subsidy will be provided for the selected finalists of Open Category. They shall be responsible for their mock-up model production at their own cost.

Application

The applicant shall submit the following documents to the Organizer before the deadline:

- Completed and signed Application Form
- Copy of Student Card(s) (applicable for Student Category only)
- Design Proposal
 - Hard copy in A4 size with no more than 10 pages and 1,000 words, including Design Concept, Brief description, Functionality and Material & Safety; **OR**
 - Soft copy in PDF format with no more than 10 pages and 1,000 words, including Design Concept, Brief description, Functionality and Material & Safety)
- Drawings / Sketches / Diagrams:
 - Hard copy in A3 size; **OR**
 - Soft copy in PDF format

Application Deadline: **15 November, 2020 (Sunday)**

The applicant must submit the duly completed and signed application form, design proposal and all required supporting documents to the Organizer before the deadline.

Postal Address : Energy Efficiency Office, 7/F,
Electrical and Mechanical Services Department Headquarters,
3 Kai Shing Street, Kowloon Bay, Kowloon
(Please mark "LED Lamp Lantern Design Competition" on the envelop)

Email Address : kmyim@emsd.gov.hk

Event Calendar

15 November, 2020 (Sunday)	Application and Stage 1 Design Proposal Submission Deadline
Mid-December 2020	Stage 1 Assessment and Result Announcement
5 March, 2021 (Friday)	Stage 2 Model Development Submission Deadline
Mid-March 2021	Stage 2 Assessment and Presentation
Mid-May 2021	Result Announcement and Award Presentation

Assessment

1. The entries of the Competition will be assessed according to 2 stages of the Competition.
2. The assessment criteria include the application of LED technology, energy saving, creativity & originality, aesthetics, functionality & practicality and safety.
3. There shall be a maximum of **10** finalists selected from each group to enter into Stage 2 1:1 Model Development. The judging panel reserves the right to vary the number of finalists if the judging panel considers the quality level of some entities worth to enter into Stage 2 of the Competition.
4. The selected finalists are required to produce a mock-up model and it is the finalists' responsibility to ensure the mock-up model are produced according to the Design Proposal.
5. The finalists shall be required to present their designs in front of the Judging panel in Stage 2 assessment. The Organiser will notify the finalists the date and details of the presentation individually.

Assessment Criteria

The Judging Panel will assess the submitted design on the basis of the following criteria:

Marking Category	Marking Criteria
Application of LED technology	<ul style="list-style-type: none">• Use LED light bulbs as the main lighting source
Energy Saving	<ul style="list-style-type: none">• Materials used and design concept are eco-friendly• Enhance users' awareness of environmental protection and energy saving
Creativity & Originality	<ul style="list-style-type: none">• Uniqueness of the design concept• Use of new technologies or materials
Aesthetics	<ul style="list-style-type: none">• Overall integrity and aesthetics of the design• Harmonious in design and colour usage
Functionality & Practicality	<ul style="list-style-type: none">• Equip with unique or advanced features• Fit for the scope of the lamp usage
Safety	<ul style="list-style-type: none">• The lamp is simple to use, safe and durable

Note:

With the aim of promoting energy saving through the use of LED light bulb, applicants are encouraged to use only LED light bulb in the entries. Otherwise, applicants will be subject to a mark penalty if lighting source other than LED light bulb are being used.

Judging Panel

The Judging Panel will be comprised of professional engineers and designers from Engineering Institution, Lighting Commission and Designers Associations.

Result Announcement

1. The announcement of the result and the award presentation shall be arranged in May 2021. The Organizers will notify the winners of the Competition individually.
2. The judging panel's decision on the result of Competition would be final.
3. The Organizers reserved the right to withhold the granting of any prizes if the participant beaches any rule and regulation of the Competition.
4. The Organizers will notify the finalists to collect their mock-up models after the Competition that are not collected within the specified time frame will be handled by the Organizers at their discretion.

Awards

The Competition has the awards of Champion, First Runner-up, Second Runner-up and Creativity Award.

Rules and Regulations

1. Each applicant can submit one application only.
2. Each applicant shall submit a completed and signed Application Form, Design Proposal and other supporting documents for the entry of the Competition.
3. The Design Proposal shall contain the design concept, brief description, functionality, materials, estimated dimensions, safety and the drawings / sketches / diagrams of the lamp lantern.
4. The computer-aided drawing / diagrams shall not contain any decorative background.
5. The name of applicant or other means that can identify the applicant must not appear on the design proposal or mock-up model submitted for judging.
6. All submissions must be original and shall not infringe any existing intellectual property rights. The Organizers and Judging Panel reserved the right to require the participant to explain and differentiate their designs with existing designs or products for any suspicious case.
7. The submitted design shall not have won any award in other local or oversea design competitions.
8. The Organizers reserved the right to disqualify any participant for breaching the above rules and regulations.

Intellectual Property

1. Each applicant should ensure the submitted design is new and original. The applicant should be the sole owner of intellectual property of the design and he / she should take proper measures to protect his / her designs.
2. The Organizers should not be held responsible for any claims arising from any intellectual property infringement related to the designs submitted in the Competition.
3. The Organizers reserved the right to display and promote the submitted designs and models in the Competition and all subsequent related activities after the event.
4. The Organizers shall exercise care in handling all submitted designs and models. However, the Organizers shall not be held liable for any damage or loss of the submitted designs and models.

Enquiry

If there is any question related to the competition or enquiry, please contact Mr Eddy Yim at Tel: 3912 0634 or email to kmyim@emsd.gov.hk.