

**Pilot Study on Underground Space Development in
Selected Strategic Urban Areas
Design Ideas Competition**

COMPETITION BRIEF

Competition Organiser

Civil Engineering and Development Department (CEDD)
and
Planning Department (PlanD) of the Government of the Hong Kong Special
Administrative Region (“HKSAR Government”)

Competition Facilitator

Policy for Sustainability Lab (PSL) of the Faculty of Social Sciences at the University
of Hong Kong,

Public Engagement Consultant of the “*Pilot Study on Underground Space
Development in Selected Strategic Urban Areas*” (“the Study”) commissioned by
CEDD and PlanD of the HKSAR Government;
and
AECOM Asia Company Limited, Lead Consultants of the Study

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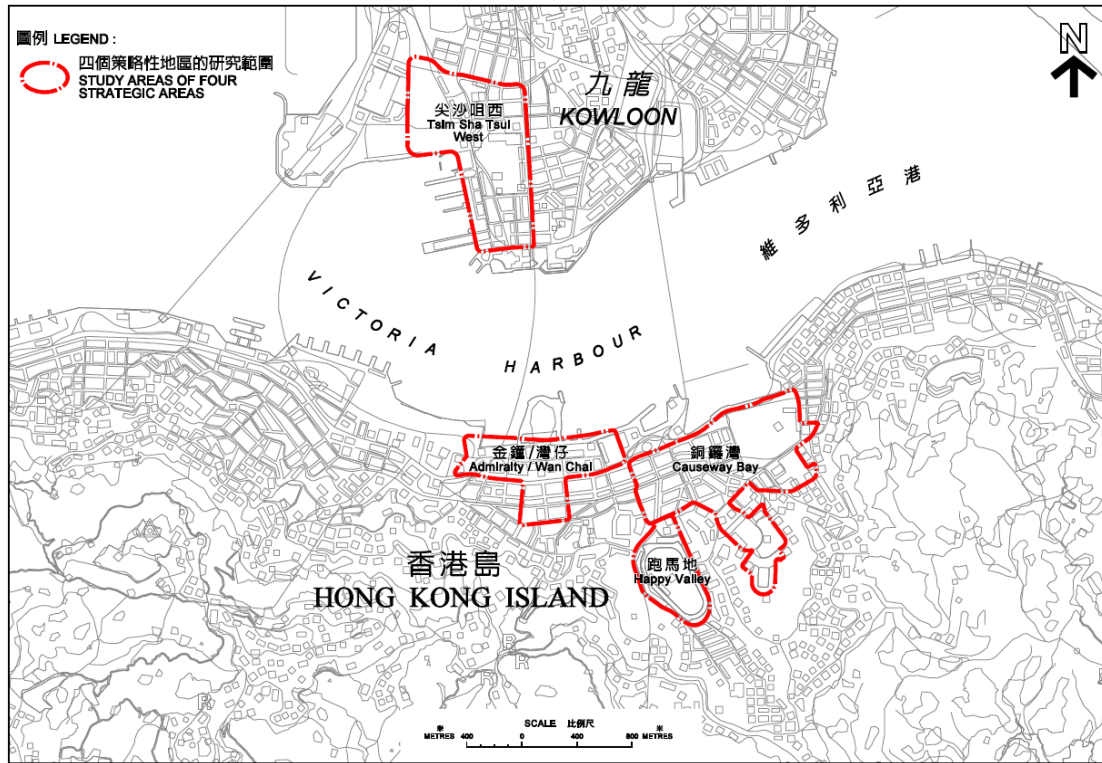
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1. Study Background

In June 2015, the Government commenced the “*Pilot Study on Underground Space Development in Selected Strategic Urban Areas – Feasibility Study*” (herein referred as “the Study”) covering four selected Strategic Urban Areas (SUAs), namely Tsim Sha Tsui West, Causeway Bay and Happy Valley, and Admiralty/Wan Chai. The Study aims to identify the potential for underground space development in each of these areas, and to formulate Underground Master Plans to guide the future underground space development.



The Study comprises a two-stage public engagement (PE). Stage 1 PE was aimed to solicit public and the relevant stakeholders’ views on the opportunities and key considerations for underground space development, community needs, as well as suitability and possible uses of the potential underground space in the four SUAs. Stage 1 PE had been undertaken during the period between November 2016 and February 2017. Details of the Stage 1 PE activities are available on the Study website [<http://www.urbanunderground.gov.hk/>].

The Study is now proceeding to the preparation of conceptual schemes taking into consideration the public views and comments collected from the Stage 1 PE.

2. The Design Ideas Competition

A Design Ideas Competition (hereafter, “the Competition”) is proposed to be conducted, with the main objective to encourage youth participation in the planning and design of potential urban underground space development(s).

This Competition is targeted to *tertiary education students and young members of professional institutes* in Hong Kong, particularly in the relevant fields, including engineering, town planning, architecture, landscape architecture, surveying, and urban design disciplines. It is hoped that participants would offer design ideas from their background on local planning context as well as design knowledge and skills.

3. The Site

Among the four SUAs, *Kowloon Park in Tsim Sha Tsui West SUA* is selected as the design framework for the Competition due to the following reasons:-.

Tsim Sha Tsui is a major tourism, commercial and entertainment hub. Kowloon Park, hereafter, “the Park” is located in the focal point of the area, surrounded by different destination nodes, the West Kowloon Cultural District being developed and particularly Mass Transit Railways (MTR) stations of various lines. However, the elevated topography of the Park somehow becomes a physical barrier for convenient pedestrian flows among the destination nodes, and makes the pedestrian paths along the park perimeter at the street levels heavily used. Under the Study, it is identified that the positive topography of the Park offers a prime opportunity for developing an all-weather north-south and east-west network of underground space with the potential to connect with Tsim Sha Tsui MTR Station. The underground space network can enhance pedestrian connectivity in Tsim Sha Tsui for alleviating street level congestion and offer additional space for addressing public needs. Given its history as the formerly Whitfield Barracks, there are heritage features in different parts of the Park. Our preliminary study identifies that the built heritage and other features such as disused air-raid tunnels and mature trees including Old and Valuable Trees (OVTs) can be preserved or even integrated with the potential underground space development concept. As an initiative, we hereby invite members of tertiary students and young professionals to contribute their innovative ideas and concepts of underground space development for the most challenging case example in Kowloon Park amongst the other SUAs for the Competition.

4. Design Requirements and Considerations

Target student groups and young members of professional institutes are invited to make submissions of innovative ideas with reference to the below design strategies for the Site.

The vision and goals for the Underground Space Development are:

Vision

Creating a coherent, connected, high quality and vibrant network of underground space – proposing new ideas for the underground developments to enhance the vibrancy, attractiveness and stronger sense of place in the area;

Goals

Enhancing the underground pedestrian connectivity – proposing underground pedestrian connections to alleviate street level congestion and provide comfortable & all-weather walking environment.

Creating an attractive underground public realm – proposing underground space for public to walk, gather and play.

Creating space to optimise the land use – proposing optimal underground space for various kinds of uses to meet public demand.

In addition to the concept of underground space development, the design should also take into account and incorporate the existing leisure and heritage elements and features in the Tsim Sha Tsui context for synergy under an area-based spatial integration approach.

Specific requirements and considerations include:

- making reference to existing statutory plan(s) and any specific development restriction imposed on the area, as well as other relevant studies, planned development projects, local improvement works and other relevant on-going studies;
- exploring the possibility of integrating underground space development to enhance the design and functionality within the Kowloon Park boundary and create an attractive underground public realm for people to walk, gather and play;
- exploring new pedestrian connection alignment which can enhance the underground pedestrian connectivity and create a vibrant network of underground space in the area, take into consideration of any existing and planned major new development or infrastructure projects nearby that may be in conflict with or affect the overall planning and design;
- considering any design element or theme that may be suitable for developing the underground space and the possible pedestrian connections;
- preserving the sensitive features including built heritages and Old and Valuable Trees (OVTs) in the Park;
- revitalising the disused air-raid tunnels.

The design context and constraints shall make reference to the Chapters 1 & 2 of the Stage 1 PE Digest included in the Information Pack.

5. Schedule and Competition Webpage

For the purpose of this Competition Brief:

- “Participant” shall mean any individual or team that participate in the Competition.
- “Entry” shall mean all the deliverables submitted by a participant in accordance with Section 13 of this Competition Brief.

The Schedule of the Competition is set out as follows:

End-January 2018	• Launch of the Competition
1 February 2018	• Commencement of Entry Registration
9 February 2018	• Briefing Session
28 February 2018	• Deadline of Entry Registration
14 March 2018 to 13 April 2018	• Submission of Entries
End-May 2018	• Announcement of Winners
Early-June 2018	• Prize Presentation Ceremony

The Organiser reserves the rights to alter the above schedule.

Details of the Competition are available on the Competition webpage at: <http://www.urbanunderground.gov.hk/DesignComp.php>

Participants of the Competition are advised to check the Competition webpage from time to time for any information or changes related to the Competition (including without limitation changes to this Competition Document). All matters, information or changes as announced in the Competition Website concerning the Competition shall be deemed confirmed and shall be binding upon all Participants.

6. Briefing Session

A briefing session to the potential Participants is scheduled for **9 February 2018**. Any person interested to submit an Entry may join. Prior registration should be made to the Facilitator via the study email: info_urbanunderground@aecom.com. Details of the briefing session are as follows:

Date: 9 February 2018 (Friday)
Time: 2:30 pm to 4:00 pm
Venue: 3/F Meeting Room, City Gallery,
3 Edinburgh Place, Central, Hong Kong

7. Registration

Any person interested in submitting an Entry must make prior registration to the Facilitator via study email: info_urbanunderground@aecom.com from **1 February to**

28 February 2018 (both dates inclusive). Entry without prior registration will not be accepted.

The entry registration form can be downloaded on the Competition webpage at: <http://www.urbanunderground.gov.hk/DesignComp.php>

8. Entry Submission

The Entry must be delivered by hand to the Facilitator at the following address from **14 March 2018 to 13 April 2018 (both dates inclusive)**. Late Entry will not be accepted.

Facilitator

Policy for Sustainability Lab,
Faculty of Social Sciences,
Room 703, 7/F, The Jockey Club Tower,
Centennial Campus, The University of Hong Kong,
Pokfulam Road, Hong Kong
(Attn.: Ms. Bonnie LAU)

Entry receiving hours are 10:00am to 12:00 noon and 2:00pm to 5:00pm (Monday to Friday, except public holidays).

A sealed A4 size envelope clearly marked with “Pilot Study on Underground Space Development in Selected Strategic Urban Areas - Design Ideas Competition” enclosing a duly completed and signed Entry Form (in the case of a collaborative Entry, all team members are required to sign the Entry Form) should be submitted.

If a submitted Entry Form is found not duly completed and/or signed, the Organiser shall have a right to require the Participant to submit/resubmit a duly completed and signed Entry Form in three working days. Failure to submit or re-submit a duly completed and signed Entry Form as required by the Organiser may result in disqualification of the Entry, and such disqualification shall be at the absolute discretion of the Organiser.

Unless upon Organiser’s request, any new or additional information provided by the Participant after his/her submission of Entry shall not be accepted or considered.

If Black Rainstorm Warning or No. 8 Typhoon Signal or above is issued three hours before the Entry Submission Deadline, the deadline will be postponed to 5:00pm on the next working day. For the purpose of this Competition Brief, “working day” means any day from Monday to Friday other than a public holiday.

No responsibility will be taken by the Organisers and the Panel of Judges for the failure of postal delivery of any document.

9. Entry Group

There is only one entry group, open to:

- tertiary education students in the relevant fields including engineering, town planning, architecture, landscape architecture, surveying, and urban design disciplines;
- students and graduate members of the Hong Kong Institution of Engineers (HKIE), Hong Kong Institute of Planners (HKIP), The Hong Kong Institute of Architects (HKIA), The Hong Kong Institute of Landscape Architects (HKILA), The Hong Kong Institute of Surveyors (HKIS), and Hong Kong Institute of Urban Design (HKIUD); or
- members of Young Members Committee of HKIE, Young Planners Group of HKIP, Young Members Committee of HKIA, Young Landscape Architects' Group of HKILA, Young Surveyors Group of HKIS and Young Urban Design Professionals of HKIUD

Entry by any company/organisation/institution will not be accepted. Team Entry is permitted and members shall nominate a leading member in the Entry Form. All members of a Team Entry must be individuals. There is no limitation on the number of Entries an individual or a Team may submit and there is no limitation to the number of members to a Team. However, each Entry must be accompanied with its own fully completed Entry Form.

10. The Panel of Judges

The submitted Entries shall be assessed by a seven-member Panel of Judges consisting of representatives of the Yau Tsim Mong District Council as well as representatives of various key professional institutes. An initial list of potential panel of judges is as follow (in no specific order):

- Mr IP Ngo-tung, Chris, JP Chairman, Yau Tsim Mong District Council
- Ir Thomas K.C. CHAN President, The Hong Kong Institution of Engineers (HKIE)
- Mr Marvin CHEN President, The Hong Kong Institute of Architects (HKIA)
- Mr Kenneth L.K. TO Vice-President, Hong Kong Institute of Planners (HKIP)
- Mr Tak WONG President, The Hong Kong Institute of Landscape Architects (HKILA)
- Sr KWOK Ngok Chung, Dick President, The Hong Kong Institute of Surveyors (HKIS)
- Prof Stephen TANG, BBS President, Hong Kong Institute of Urban Design (HKIUD)

Note: The Organiser reserves the right to make any changes to the composition of the Panel of Judges without prior notice. Final list of the Panel of Judges will be announced at Competition webpage.

11. Ineligibility

Members of the Panel of Judges and Study Team of the Organiser and Facilitator, including immediate family members of the aforementioned and those likely to be in actual, apparent, potential or perceived conflict of interest are excluded from participating directly or indirectly in the Competition. If the Participant is doubtful or aware of any conflict of interests, the Participant shall immediately notify the Facilitator in writing. The Organiser reserves the right whether or not to declare the ineligibility of any Participant.

12. Queries by Participants

Participant may make enquiries regarding the details of the Competition to the study email info_urbanunderground@aecom.com no later than **13 March 2018**. The Facilitator will upload responses and supplementary information, if any, to the Competition webpage as soon as possible.

13. The Entry

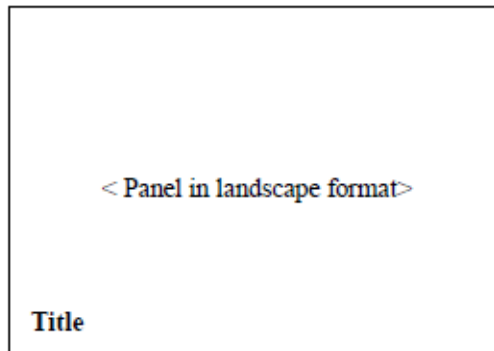
Each Entry shall comprise:

- a) A completed Part A of the Entry Form put in a sealed A4 size envelope marked “Pilot Study on Underground Space Development in Selected Strategic Urban Areas – Design Ideas Competition”.
- b) A design submission made through a CD/DVD disc, with the design ideas and concepts presented in the form of two high resolution .JPG or .PDF format panels printable at the size of A1 (594mm x 841mm, at least 300 dpi). The presentation on the panels may include layout plan(s), perspective view(s), artist’s impression(s), sketch(es), computer image(s) and/or other drawing(s), as well as brief text annotations to assist in the explanation of the design ideas and concepts.
- c) Apart from the CD/DVD disc, an Entry must also include an explanatory statement of the ideas and design concepts in not more than 300 words in both Chinese and English, each printed on an one page A4-sized paper and the text shall be at font size 12. The top of the Statement should include the Entry Title.

Arrangement of the Panels

- The submission can be in either portrait or landscape format.
- A title for the Entry shall be provided by the Participant and annotated on the lower left corner of the front of each panel.
- Completed Part B of the Entry Form shall be affixed to the CD/DVD disc.

Front



Other Requirements

- The text in the Entry must be in Bilingual (Traditional Chinese **and** English).
- All drawings should be prepared with the boldness and clarity of line which will permit reduction by photographic means so that they may be used for reference and publication purposes.
- No technical or structural design submission or design calculation is required.
- All submitted deliverables will not be returned.

Information to be Provided by the Organiser

- Aerial photographs showing the top views of the Kowloon Park.
- The CAD & PDF version of the design boundary and constraints of Tsim Sha Tsui West Underground Space Development.

The information above is solely for the Competition only and should not be used for other purposes. Registrants of the Competition should contact the Facilitator for above information.

14. Assessment Principles

All Entries will be judged in accordance with the assessment principles as interpreted by the Panel of Judges. The decisions of the Panel of Judges shall be final and binding on all parties concerned and the decisions cannot be appealed against. The assessment principles are:

Assessment Criteria	Percentage
Creativity and innovation	20%
Design, aesthetics, and adoption of local characters	20%
Sustainability and environmental implications	20%
Compatibility with existing and planned developments in the neighbourhood	15%
Functionality and practicability	15%
Quality of presentation	10%

15. Results and Prizes

Three Winning Entries and two Certificates of Merit will be selected by the Panel of Judges. The results of the Competition will be announced in the Prize Presentation Ceremony and through the Competition webpage. Participants of the Winning and Merit Entries will be notified directly of the results by post or email. The prizes of the Winning and Merit Entries shall be:

Three Winning Entries

First Prize: HK\$15,000

Second Prize: HK\$10,000

Third Prize: HK\$8,000

Two Certificates of Merit

Each HK\$1,000 book coupon

The Organiser reserves the right not to award all or any of the prize if the Panel of Judges consider the quality and the standard of Entries are not satisfactory.

The payment will be made to the leading member in the case of a collaborative Entry and payment made to the leading member shall be deemed as due payment to the Participant (including all team members) of the Winning Entry.

16. Exhibition and Publication of Entries

The Organiser is entitled to display or exhibit any Entry received by the Competition on any date and at any venue, and publish related information of the Competition together with the selected Entries.

17. Other Terms and Conditions

i. Duplicate of Entries

The Facilitator and the Organiser will not insure, be responsible and/or liable for any damage or loss of the Entry.

The Participant is advised to retain a duplicate copy of his/her submitted Entry in case of any unforeseen event which may lead to loss or damage of the Entry. Under such circumstance, the Participant will be requested to forward the duplicate copy of his/her Entry to the Facilitator at no additional costs to the Facilitator, Organiser and Panel of Judges.

ii. Anonymity of Entries

The submitted Entry panels shall bear no name or mark that could serve as a direct means of identifying the Participant. The Facilitator, upon receiving the Entries, shall remove and destroy any wrapping materials with markings that

shall reveal identification of the participant. All Entries shall maintain anonymity during the whole assessment process. Before the announcement of the results of the Competition, no person shall, without the prior authorisation of the Organiser, disclose, display, exhibit or publicise any submitted Entry in any form.

The Organiser may disclose, display, exhibit or publicise the submitted Entries in any form after the announcement of the results of the Competition. If a Participant or Team other than the prize winners wishes to maintain anonymity for such disclosure, display, exhibition or publicity, this should be indicated in Part A of the Entry Form.

The Facilitator shall open the envelopes containing Part A of the Entry Form for checking of the completeness of information as required from the Participant(s) and verification of the eligibility of the Participant(s). In order to maintain anonymity, the envelopes will be resealed immediately after checking and will not be reopened until announcement of the results of the Competition.

iii. Confidentiality of Entries

The Participant shall keep his/her Entry confidential and take such necessary steps to ensure the same is not disclosed to any third parties throughout the Competition until the announcement of the results of the Competition.

iv. Intellectual Property Rights

“Intellectual Property Rights” means patents, trademarks, service marks, trade names, design rights, copyright, domain names, database rights, rights in know-how, new inventions, designs or process and other intellectual property rights of whatever nature and wheresoever’s arising, whether now known or hereafter created, and in each case whether registered or unregistered and including applications for the grant of any such rights.

The Participant(s) (including all team members in the case of a Team Entry) shall declare, warrant, agree and undertake all the terms as set out in this Competition Brief and Part A of the Entry Form. The Entry may be disqualified if Part A of the Entry Form is not duly completed and signed.

The right of ownership and all intellectual Property Rights subsisting in the Winning Entries including all plans, drawings, sketches and all other things in whatever form relating to the Winning Entries whether or not in the custody or possession of the HKSAR Government or the Winning Participants, or any third parties shall be vested in the HKSAR Government.

After the announcement of the results of the Competition, the Participant(s) of Winning or Merit Entries may seek written consent of the Organiser to reproduce a part or the whole of their own Entry for publication, display and/or exhibition purpose, and such consent shall not be unreasonably withheld.

v. Reservation

The HKSAR Government is under no obligation to adopt or use the ideas and concepts or proposals in any of the Entries.

vi. Adoption of Entries

The HKSAR Government reserves the right to adopt whole or any part of the ideas and concepts of any one or, when so decided by the HKSAR Government, any number of the Entries with or without modifications for any projects.

vii. Remuneration

Apart from the Prizes awarded to the Participants of the Winning and Merit Entries, Participants (including all team members in the case of a Team Entry) shall not be entitled to any remuneration, payment or compensation for participating in the Competition.

viii. Compliance

Any Participant (including all team members in the case of a Team Entry) who do not abide by the requirements, rules or conditions as set out in this Competition Brief may result in disqualification of the Entry concerned. Any such disqualification shall be at the absolute discretion of the Organiser. The decision of the Organiser shall be final and binding on all parties concerned.

ix. Language and Time

Entries shall be made in Bilingual (Traditional Chinese and English). In the case of any discrepancy between the English version and the Chinese version of the Competition Brief, the English version shall prevail.

Throughout the course of the Competition, time mentioned in the Competition Document shall be in Hong Kong time.

x. Disclaimers

The Facilitator, Organiser and Panel of Judges shall not be responsible or liable for any erroneous, damaged, destroyed, lost, late, incomplete, illegible and misdirected Entries, or any damage or loss arising from, connected with, or relating to the Competition, the submission of Entries to the Competition, participation in the Competition, regardless of the cause or any fault by the Organiser, Facilitator or Panel of Judges or any person for whom the Organiser, Facilitator or Panel of Judges is responsible, and notwithstanding that any of those persons may have been advised of the possibility such loss or damage being incurred.

The Organiser may at its discretion cancel, modify or suspend the Competition. The Participants (including all team members in the case of a Team Entry)

shall not be entitled to any compensation as a consequence to such cancellation, modification or suspension of the Competition.

xi. Jurisdiction

The Organiser's decisions regarding all aspects of the Competition are final and binding on all parties concerned.

The Competition Brief shall be governed by and construed in accordance with the laws of the Hong Kong Special Administrative Region. The Organiser and the Participants shall submit to the exclusive jurisdiction of the courts of the Hong Kong Special Administrative Region.

xii. Severability

If any provision herein is determined to be illegal or unenforceable by any court of competent jurisdiction or arbitrator, such provision shall be deemed to have been deleted without affecting the remaining provisions of the Competition.

xiii. General Provisions

In this Competition Brief unless the context otherwise requires:

- words importing the singular number shall include the plural and vice versa;
- words importing any particular gender shall include all other genders; and
- words importing the whole shall be treated as including a reference to any part of the whole.