MOVED TO CARE
DEC - MARCH 2014
building trust international
This is a Building Trust International humanitarian design contest with the express aim of delivering better built solutions to some of the World’s biggest problems. To date our design challenges have mobilised the architectural and design community resulting in improved schools for migrant and refugee communities, flood resistant housing for Cambodia’s poor, access to play for communities in South Africa and low cost housing solutions for homeless individuals within the UK. Our latest challenge focuses on the provision of healthcare to rural and/or isolated groups in Asia, but we also hope it will create ideas for healthcare solutions for refugee and displaced groups elsewhere in the region and globally.

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INTRODUCTION

Each year, 8 million people in Southeast Asia die from non-communicable diseases (NCDs) that are largely preventable and often manageable. Unlike their developed-country counterparts, 30% of these people are aged less than 60.¹ According to WHO this figure will increase by 21% over the next decade. The impact of infectious diseases in Southeast Asia is staggering. Malaria, for example, infected as many as 41 million people in the region in 2009.² Demand for healthcare services in Southeast Asia is rising rapidly especially for those in rural communities where poverty makes people more vulnerable. Prevention, early detection and timely treatment will lower death rates and improve lives.
+ THE SETTING

Southeast Asia is defined as a land mass of 11 countries. Each with its own culture, history, healthcare strategy and varying level of medical facilities. Excluding Singapore and Brunei doctor per capita levels are low. Advancements in mobile phone coverage and technology are decentralising healthcare provision and large infrastructural hospital projects are being revaluated. Small mobile units could have a large part to play in working alongside technological advancements and bringing care to rural and otherwise disconnected communities.

Small decentralised medical health centres and mobile medical units can provide:
- Patients with qualified medical staff providing immunisations against a host of common killers
- Disease screening
- Advice on pre and post natal care
- Curative services such as minor surgical or dental care
- Information on nutrition and health promotion along with prevention methods for health threats such diabetes, malaria, heart disease, STD’s, cancer and more.

Healthcare providers often do not have the budget to buy land and invest in infrastructure and so often rent temporary residential accommodation. We hope that by providing design support for facilities that can be moved from one location to another, investment can be made in facilities that are fit for purpose and form a more sustainable approach to the provision of medical care.
The shortage of healthcare professionals in rural communities remains an intractable problem that poses a serious challenge to equitable healthcare delivery. Both developed and developing countries report geographically skewed distributions of healthcare professionals, favouring urban and wealthier areas.

Rural communities are on average sicker, poorer and less well educated; they also have worse access to healthcare when compared to people in urban areas. This discrepancy between health needs and service provision is captured by Hart’s ‘inverse care law’, which states that those with the greatest health needs usually have the worst access to healthcare services. Rapid urbanisation is a global phenomenon but it poses particular problems in developing countries with poor infrastructure development; improved access to healthcare is often cited as one of its driving forces.

In July 2013 Building Trust were approached to design a new small medical dispensary for the care of diabetic patients in Siem Reap, Cambodia (one of the poorest provinces of the country.) Although, the building was located within the boundary of the main hospital it had to be constructed so that it could be relocated because the hospital site was under threat of redevelopment. This need for relocatable designs twinned with the desire to connect remote rural groups with improved healthcare led us to the formation of the MOVED to CARE design brief.
**DESIGN CHALLENGE**

The aim of this competition is to design a healthcare facility that is safe, secure and can be relocated with relative ease. It should contain at least the following:

- **A clean sterile environment for small surgical procedures**
- **A temperature controlled space for storing medicinal drugs**
- **An area for nursing care and provision of information on wellbeing topics**
- **Basic wash, toilet and kitchen facilities**

The design should have a sensitivity to the tropical surroundings and where possible provide a sustainable solution. The jury will be looking for projects that attempt to keep capital and maintenance costs low in order to increase the potential of multiple projects being realised.

Submissions should consider the following factors:

- Climate and weather (high heat and precipitation levels)
- Flooding
- Local environmental factors and contextual issues
- Health and sterile environment
- Internal temperature and lighting
- Material selection
- Ability to be extended and adjoin other buildings
- How design and construction of proposal can stimulate local economy
- Adaptability to varying site conditions
- Affordability
- Accessibility for all possible patients
+ ABOUT THE COMPETITION

The aim of this competition is to design a small, either mobile or relocatable healthcare facility that promotes health and wellbeing in a safe and clean environment.

Encourage and reward design excellence on a humanitarian scale which integrates function, aesthetics and structural ingenuity improving the lives of people from the poorest nations.

Research, respond to and highlight the unique aspects of design through consideration of contextual and environmental factors.

Encourage the employment of sustainable design in all aspects of the proposal.

+ COMPETITION STRUCTURE

This is a two stage competition with the aim of identifying the most appropriate proposal, which best satisfies the general and specific objectives of the contest. The first stage will highlight shortlisted projects through the jury selection process. The shortlisted projects will proceed to the second stage where they will be presented to healthcare providers. The winning project will be the one most likely to be developed and constructed.
+ SPECIAL CONDITIONS

Submissions can be the work of an individual or a group. There is no age limit. However, entrants under 18 years of age must be led or entered by someone over 18 years of age. Interdisciplinary teams are encouraged to enter the competition.

+ THOSE ELIGIBLE TO PARTICIPATE

Design professionals, Architects, architecture/design graduates or architecture/design students.

+ THOSE INELIGIBLE AND CAN NOT PARTICIPATE

Employees, staff, consultants, agents or family members of Building Trust International or other jury members.

+ RESTRICTIONS

There are no restrictions for this international competition.

Registration and participation in the competition implies an immediate acceptance by the entrants of all terms & conditions governing the site and competition.
AWARDS

Professional Category
Top prize: 1 project will be selected as the winning design. Building Trust will seek to find funding and planning for the winning project giving it the opportunity to influence the future of health care facilities in Asia. Honourable mentions: 9 designs will be selected by the judges that deserve mention for honourable merit.

Student Category
Top prize: 1 winning project will be selected and receive $100
Honourable mentions: 4 designs will be selected by the judges that deserve mention for honourable merit.

PUBLICATION

The winning designs will receive our media package and tailored press release which in the past has resulted in TV, Radio and national/ trade press. We will also feature your design on the websites of Building Trust international and our partners. Connecting you and your designs to millions of interested parties.
+ SITE AND SCALE

The competition jury wish to maximise the potential for winning designs to be used across the Southeast Asian region therefore the competition is not site specific. Contestants should assume a flat site and building designs should take into consideration the fact that ease of movement is part of the evaluation criteria.

+ EVALUATION CRITERIA

Entries will be evaluated based on the main criteria made up of the following 7 points:
1st  Intelligent use of space and thought paid to comfort of users.
2nd  Ease of construction and ability of structure to perform to environmental conditions.
3rd  The design’s aesthetics and originality.
4th  The use of sustainable locally sourced materials.
5th  Clarity and comprehensibility of the design.
6th  Modularity and ease of deployment and subsequent relocation.
7th  Affordability

+ COMPETITION PROJECT DISCLAIMER

This is an open International competition hosted by Building Trust International to generate progressive contemporary design ideas. No cash alternative will be awarded as the competition is a charitable activity. Please see the terms and conditions on Building Trust’s website for full details and guidelines on the competition structure and governance.
+ SCHEDULE

- 2nd December 2013
  Competition Officially Announced
- 10th January 2014
  Early Bird Registration Closes
- 31st January 2014
  Registration Deadline
- 28th February 2014
  Closing Date for Submissions
- 1st March - 28th March 2014
  Jury Evaluation

- 31st March 2014
  Announcement of Winners to be posted on our website and social media. All winners will be contacted directly.

+ DEADLINES

All entry submissions must be sent via email to; competitions@buildingtrustinternational.org by 28th February 2014 at midnight (11:59 pm - 00:00 GMT). Competitors will be responsible for the arrival of their proposals within the corresponding deadlines and no proposal will be received one day after the date previously stated.
**REGISTRATION**

**Professional**  
Early Bird Registration: £75.00  
Standard Registration: £125.00 (after 10th January 2014)

**Student**  
Early Bird Registration: £10  
Standard Registration: £25 (after 10th January 2014)

Free to those entering from a developing country. We define developing countries as one of the World Bank’s lower middle or low-income countries, a full list can be found at: http://www.buildingtrustinternational.org/faq.html

Entrants must gain a unique entry number by registering with us, please email:

competitions@buildingtrustinternational.org

If you are from a developing country or a student please provide proof along with the email. Please note **All proceeds will go directly to funding this and other Building Trust International humanitarian architecture projects.**

**If you are from the UK remember to add Gift Aid to your donation.**

**Note:**

Entrants are advised to send their submissions from the email address used for the registration, as submissions from a different or unrecognisable e-mail account might be treated as spam and also prevent us from tracing you in the event we have to contact you.
+ SUBMISSION REQUIREMENTS

Submission of entries must be in one PDF document in A2 format. All images contained should be 300dpi and a maximum of four (4) pages can be used to explain your proposal. This file along with text file (detailed below) should be sent to: competitions@buildingtrustinternational.org

Subject of email: Subject of the email must be your unique registration number.

Presentation panels: You may use up to 4 sheets at A2 format these should be horizontal (landscape.) You must create a PDF of all the sheets as one document (this will ensure that your sheets don’t get separated or lost.)

Dimensions: (1 A2 board = 594x420mm )x4

File Name: The zipped image file name must correspond to your unique registration number. (Example: M3333.jpg where M3333 represents your unique registration number assigned and sent to you by Building Trust after a successful registration).

Text file: Any text contained on the boards should also be sent as a separate text file in word format and saved with same name as PDF ie. M3333

Please note entries that do not follow the submission guidelines may not be fully entered.
+ ADDITIONAL SUBMISSION INFORMATION

The presentation technique is open and at the discretion of the entrant. However, it is recommended that your submission includes the following information which reflect the main concept of the design:

Sketches, perspectives or renders representing your design in use,
Plans,
Sections,
Elevations,
Any additional diagrams showing how the elements are arranged or materials are used.

The presentation should clearly document the proposed design as well as the approach to the project. Ideas regarding organisation, materials, treatment of the location and the design should be included when considered relevant. This will be used to make rough cost estimates and test the ‘buildability’ of any winning design chosen.

The total area of the project should be included in a part of the image. Any other textual or numerical description should be expressed in English only and it should be incorporated into the graphical presentation of the project.

Entrant’s unique registration number should appear on the upper right side of the image. Do not place your name or company name on any of the competition panels.
+ JURY

The Jury for this International competition will be comprised of both professionals and interested parties. Full jury will be announced throughout competition.

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+ EVALUATION AND JUDGING PROCESS

The Jury will review the submitted entries based on the competition objectives and from the short-listed entries select the competition winners

The Jury’s decision will be final as stated in the competition’s terms and conditions.
+ COMMUNICATION + TECHNICAL ENQUIRES

All communications should be through Building Trust and not any of the other interested parties.

+ QUERIES + QUESTIONS

All queries regarding the registration, process, fees or payment email any questions to: competitions@buildingtrustinternational.org

+ TERMS + CONDITIONS

Please see the terms and conditions section at; www.buildingtrustinternational.org/terms.html
All material submitted to this design competition will become part of the public domain. Entrants acknowledge that Building Trust may exhibit all entries in an online gallery, and a selection of entries may be chosen for physical exhibition and/or public display. Building Trust will make reasonable effort to notify entrants of any public exhibitions of their work through correspondence with the registered contact.

In entering the design competition entrants grant Building Trust unrestricted license to exercise the entrants’ rights regarding their design submissions, including, but not limited to, reproduction, preparation of derivative works, distribution of copies of the design submission and the right to authorise such use by others.

In entering the competition, the registrant and all team members recognise the competition’s program as the intellectual property of Building Trust and agree to credit the organisations by name in any subsequent exhibition or publication of materials. Entrants will be credited on all online and print material published by the organisers of the competition.


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