



LFA Competition Open Call

Eco Home Pavilion



'The Building Site' LFA Installation 2018 © Luke O'Donovan

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The commission

The Worshipful Company of Chartered Architects (WCCA) with the London Festival of Architecture (LFA) are seeking to commission a design team to build a striking temporary pavilion within London's Square Mile to inspire people to consider the future of sustainable living.

In the context of a global climate crisis, and the acute energy crisis facing the United Kingdom this year, there has never been a more pressing time to examine how our homes could be better designed or altered to cope with these issues and to propose new ways in which we heat, power, build or behave within these spaces.

This competition is seeking to explore innovative ways to address the impact of buildings on the environment through a temporary structure installed in a prominent location within London's Square Mile during the summer of 2023, coinciding with the London Festival of Architecture 2023 and the EcoCity Summit (6-8 June). The aim of the competition is to find a consortium who can build a pioneering pavilion that combines new thinking in architecture with advanced technologies that could act as a prototype for building future homes.

We are inviting architects, engineers, designers, and artists to submit design concepts that will envision living, dining, kitchen, bedroom and circulation spaces within a home that could be built, used and maintained with minimal impact to the natural environment.

This competition is in line with The WCCA and LFA's shared commitment to supporting the Mayor of London's ambition to make London a net zero carbon city by 2030 presented in the City of London's Climate Action Strategy, which has been a major catalyst for this project.

The intention is that, following a two-stage competition judging process, the winning team will be revealed in December 2022 and, subject to additional fundraising, will be awarded a build budget up to £200,000 + VAT (including design fee) to develop a fully costed, feasible design to be installed in Summer 2023. The pavilion, which will be installed for three months, is likely to welcome more than 100,000 visitors and could be relocated to other cities as part of a touring programme.

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Context

Temple Bar, in Paternoster Square next to St Paul's Cathedral is the home of the Worshipful Company of Chartered Architects and an education centre, funded by the Corporation of London, for schools, visitors and the City community. Designed by Sir Christopher Wren and completed in 1672, it was originally sited at the west end of Fleet Street and was re-erected in its present location in 2004.

The WCCA has a mission to promote greater diversity and accessibility within the architectural profession as well as a sustainability agenda through a series of events and opportunities, organised by their members.

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Site

The pavilion will be installed on a site within the City of London's square mile. Details of the site, including opportunities and restrictions, will be shared with shortlisted teams during stage 2 of the competition process.

The pavilion is not site-specific. It should be possible for the structure to be removed and re-erected in multiple locations.

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Design Requirements

The consortium should provide a creative design for a pavilion which addresses the question of future sustainable living. For up to three months, the pavilion will be exhibited to the public to challenge perceptions of sustainable living and invite conversation on how we can tackle the climate crisis in building, and in everyday life.

The starting point is the house. Applicants are being asked to consider one or more of the following: living, dining, kitchen, bedroom and circulation spaces, as well as sustainable building practices and the power of design to influence change in behaviours. The brief is open but proposals might address local sourcing, efficient materials, low operational and embodied carbon, recyclability, plastic waste, social health and wellbeing, or a combination of issues.

- The pavilion design should be bold, imaginative and forward looking - an exemplar of sustainable design that will pose a challenge to architects to explore new ways of thinking about the future home
- The pavilion should be no more than 10 metres in height
- The pavilion should weigh no more than 17 tonnes
- The structure should be no more than 10 x 10 metres in footprint
- The pavilion should be able to accommodate up to ten people at one time
- The design should work as a freestanding, self-supported structure that does not need to be fixed to the ground
- The pavilion needs to be capable of being made secure overnight
- The project will be in situ for 3 months and the applicant should consider the longevity and appearance of your design accordingly, to ensure that no or minimal maintenance is required during this period. Subject to durability, the project may be able to be in place for longer or moved to a different location for an extended period
- The components of the design should be reusable and/or recyclable when dismantled
- Designs must be practical and realistic, whilst responding to the project objectives – evidence should be given that it is buildable within the budget

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Budget

The total budget available for delivery of this project is up to £200,000 + VAT, including the cost of implementation - materials and any necessary licences or other capital costs. Please note that the fundraising for the build budget for this project is ongoing, therefore delivery to the timescale and build costs indicated in this brief is subject to this being successfully completed.

WCCA reserve the right not to proceed with the build commission after the initial competition stage should fundraising not be successful, but stage 2 competition design fees offered for successfully shortlisted candidates will still be honoured should this prove to be the case.

The winning team will be responsible for leading on the fabrication and installation of the design, whilst working closely with key stakeholders to facilitate the installation.

The £200,000 budget outlined includes a designer fee (£20,000) to cover on-going design fees and other costs required to deliver the concept. The budget allocation for the design fee, build and

running costs is not prescribed. You are invited to suggest how you would plan to split the budget in your proposal if shortlisted.

The winning team will be expected to undertake the following tasks:

- To develop a fully costed, feasible design that can be installed in late May 2023
- Project management of the installation of the winning design
- Work with the client to ensure that the Eco Home can be open to the public 7 days a week during its installation and provide invigilation, if required
- Be responsible for the deinstallation of the pavilion

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Submissions requirements

This competition has a two stage submission.

This first stage submission should include:

1. Full name and contact details including postal address, contact number and email of project lead.
2. Brief biographies of all the project team members.
3. A 200-word description about your practice along with any relevant technical experience acquired through previous projects.
4. A selection of relevant previous work, including images.
5. A short paragraph of max. 300 words on why you are interested in being involved in the project. Please include some thoughts about your vision including any initial written reactions you may have to the brief.
6. No more than one concept sketch to illustrate your initial vision in response to the brief.

These submissions will be shortlisted by the judging panel. Up to five shortlisted teams/practices will then be invited to develop a design concept based on the information laid out in this open call and will be awarded an honorarium of £1,200 Inc. VAT each. The work required for the second phase of the project will be reflective of the honorarium sum.

At shortlisting, the second stage submission should include:

- 2 x A2 boards in portrait format explaining your proposal.
- PowerPoint presentation for the purposes of judging.
- The submission should but is not limited to including hand or computer drawn 3D design visualisation, key construction details drawn to scale, with key dimensions noted, an outline of all materials, budget, maintenance plan and fabrication process.
- A supporting statement addressing the construction processes, such as:
 - The degree of prefabrication and the effects on cost and value in the local economy
 - An approach for the integration of hand crafted work into the build, where appropriate
 - Use of technologies including robotics, automation and off-site construction
 - Maintaining the practice of manual labour and hand crafts whilst using technology to make efficiencies and eliminate harmful physical stresses

Submission information

For any questions about the competition or submission process, please email:
lydia.allainchapman@nla.london

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Eligibility

The competition is open to architects and students of architecture, engineers, landscape architects, designers and artists. We welcome collaborations with industry suppliers and the project team must include a qualified architect.

We consider diversity of thought crucial in thinking about the future of sustainable design and therefore, the judges encourage entries from, or collaborations with groups who are underrepresented in the field of architecture and design.

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Deadline and submission details

- Deadline for first submission is midday on Wednesday 30 November. Submissions received after this time will not be considered.
- For competition enquiries please contact: lydia.allainchapman@nla.london
- To send your expression of interest in a PDF format go [here](#).
- The PDF should be no more than 5MB and 10 A4 pages.
- You will receive an email confirming the receipt of your submission.

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Schedule Outline

Round 1 submissions open: 13th October 2022

Round 1 submissions closed: 30th November

Successful shortlisted teams notified: w/c 12th December

Round 2 submission deadline: 19th January

Final judging / interviews: w/c 30 January

Winner notified: w/c 6th February

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Judging panel

The judging panel will include:

Rosa Rogina (Director, London Festival of Architecture) - Chair

Chris Dyson (Master, WCCA; Principal Architect of Chris Dyson Architects)

Anna Beckett (Associate Director, Symmetrys)

Nigel Ostime (WCCA; Delivery Director Hawkins\Brown)

Gonzalo Herrero Delicado (Director, EcoCity Summit)

More judges to be announced shortly.

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Judging criteria

Round 1 Judging Criteria

- **Practice/Team profile - 40%** Does the team have skilled professionals for delivering the proposal in line with eligibility outlined in the Open Call? Does the team have a diverse set of skills and experience and the capacity to deliver on this project? Are the previous work experiences and/or their work methodologies and wider design aspirations relevant to the competition?
- **Initial vision - 30%:** Does the proposal's initial written reflection to the brief suggest an innovative approach to the impact of buildings on the environment? Does it explore a new and original thinking about sustainable living and/or sustainable materials? Are the issues the project addresses relevant to the ongoing dialogue about the Climate Emergency?
- **Feasibility - 30%:** Does it propose an approach which seems feasible and deliverable within the budget and set timeframe?

Round 2 Judging Criteria

- Overall concept – 30%
- Approach to environment and sustainability – 25%
- Costs – 20%
- Longevity and implications for maintenance – 15%
- Contextual design – 10%

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Further information

- Submissions will be judged on originality, demonstration of creativity, relevance to the brief as well as feasibility and how the proposal works in the context of the site.
- To process entries to this competition we will share your application and any associated personal data provided on the application with our jury and competition partners.
- All applicants will be notified of the outcome of their application, but due to the volume of submissions we may not be able to provide feedback to entrants individually at stage 1 of the competition.
- The ownership of Copyright of the design will be in accordance with the Copyright, Designs and Patents Act 1988, that is Copyright rests with the author of the submitted design.
- All designs remain the intellectual property of the designer and the built structure itself will be property of the entrants and their team once deinstalled.

- Please bear in mind the project requires a fast turn around and may have peak moments when your practice will need to dedicate sufficient staff to deliver the project on time, to budget and to the high standard expected by all stakeholders.
- If your practice/collaboration is appointed to deliver the project it will need to have the following insurance: Employers Liability, Professional Indemnity, Public Liability.
- Significant efforts are made by all stakeholders of the project to ensure wide media coverage.
- LFA reserves the right to use images from the submissions for promotional purposes in press, social media and publications. All endeavours will be made to ensure accurate accreditation.

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Useful links

London Festival of Architecture:

www.londonfestivalofarchitecture.org

Worshipful Company of Chartered Architects:

www.architectscompany.org

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Contact

To submit your entry please go [here](#).

For general enquiries please contact: lydia.allainchapman@nla.london

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Disclaimer

The competition organisers are not liable for lost, misdirected, or late entries. Decisions of the jury represent their professional judgments and all decisions are final. While it is the intent to construct the winning scheme, the organisers reserve the right to not proceed with construction for any reason. Material submitted by you shall be your sole responsibility, shall not infringe or violate the rights of any other party or violate any laws, contribute to or encourage infringing or otherwise unlawful conduct, or otherwise be obscene, objectionable, or in poor taste. By submitting such material, you are representing that you are the owner of such material and/or have all necessary rights, licences, and authorization to distribute it.

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Commissioning organisations



The Worshipful Company of Chartered Architects (WCCA) is a modern Livery Company. The Company promotes quality architecture in the City of London and the architectural profession globally; it supports education through awards and prizes as well as a range of charities related to the City.

www.architectscompany.org

Twitter: @archi_co

Instagram: @architectscompany



The London Festival of Architecture (LFA) is the world's largest annual architecture festival. The LFA is part of New London Architecture (NLA), and its mission is to support London's architectural and design talent, enthuse and engage with the public, and find new ways to look at familiar places. A year-round programme of design competitions, design charrettes, campaigns and other activities also champions London as the best place in the world to practise and enjoy architecture.

www.londonfestivalofarchitecture.org

Twitter: @LFArchitecture

Instagram: @LondonFestivalofArchitecture