

OPEN COMPETITION FOR MODULAR BUILDING PROJECT
Ryterna modul Architectural Challenge 2018 Tiny House

I. COMPETITION ORGANIZER - JSC "Ryterna modul"

II. COMPETITION FORM – Open competition.

COMPETITION THEME – to design a "tiny house" to be used as holiday retreat or home away from home. Tiny house should feature all necessary equipment and facilities/rooms/areas to comfortably sustain two people constantly living in it for 2-3 weeks or more using only electricity as one and only connected communication. The rest of communications are considered to be off-grid and such tiny house should be based on modular construction.

- III. TINY HOUSE** – has a footprint of no more than 25 square meters and accommodates two adults for comfortable living almost off-grid for 2-3 weeks during their holiday, featuring only electricity which will be connected to the grid. This module will be a core module and should feature 4 mandatory zones: kitchen, sanitary room, sleeping area and living area. Additional program (such as working zone) is not mandatory, but welcome. Furthermore, you can offer additional modular unit no bigger than 25 square meters to feature an in-house area expansion possibility. But this module should not be considered functional without the core module, meaning that all essentials and mandatory areas should remain in core module and this module could only serve as sleeping or living area expansion and should connect to core module with minor adjustments (ideally only by removing single exterior wall to connect those two modules together).

IV. COMPETITION REQUIREMENTS

1. Competitor has to design a tiny house project featuring essential areas for comfortable living for two people.
2. Competitor is required to present only core module to be considered as successful candidate for final prize, expansion module is not mandatory, but welcome.
3. Core module should feature 4 mandatory areas: kitchen; sanitary; sleeping and living areas, other areas are not mandatory but welcome. Expansion module should be treated as addition to the core module and offer only certain area expansion, meaning that kitchen, sanitary areas could not be used in expansion module.
4. Tiny house should use only electricity from the main grid, other communications should be based on off-grid design.
5. Tiny house footprint should not exceed 25 square meters for core module and 50 square meters for core + expansion module
6. Tiny house should be usable all year round (in Eastern Europe geographical location)
7. Tiny house can be expanded in both directions – vertically or horizontally.
8. Tiny house has to be designed to be constructed from wooden panel walls with insulating materials and wooden loadbearing frame, only bottom part of the module will feature metal construction.
9. Dimensions of one modular unit should not exceed **8450mm(L) x2950mm(W)x3100mm(H)**
10. Each module has to be designed to be transportable (Tiny House should not be designed with trailer wheels for moving), meaning that crane lifting points for the module has to be implemented into the design.

V. MATERIALS TO BE SUBMITTED

1. Participants can enter a competition as one person or as a group of maximum of 5 people.
2. Until the end of **2018 January 4th (23:59 EET/UTC+2h)** provide PDF drawings and design visualization, consisting of the maximum number of 12 A1 format sheets (all four outside sides of tiny house, cross-section displaying interior design, general tiny house floor plan and two different locations with tiny house ability to adapt to it (for example forest and city) has to be visible and showed). Cross-sections of technical points are not required.
3. Works are presented in digital format via sending CD or USB flash drive or using online sharing platform such as wetransfer.com; myairbridge.com; Dropbox or similar. All high-quality works are provided in PDF format.
4. Final work has to have ID number (on every page top right side) consisting of your project title no longer than 10 digits that are 10mm in height, **WE DO NOT PROVIDE ID NUMBERS**, it is up to you to decide on letters and/or numbers combination. Separate Word document has to be sent together with work containing all participant information (name and surname of author/authors, clear identification of team leader of the group). All works and their corresponding documents has to be submitted to vainius.g@rmodul.com containing your project ID number in "subject field".
5. Author's names and contacts must not be visible on presented final work PDF.
6. If needed hardcopies, CD/USB flash drives, in envelopes with the name " Ryterna modul Architectural Challenge 2017 Tiny House" shall be sent to UAB "Ryterna modul" Agronomijos g. 45 LT-47480, Kaunas, Lithuania.

VI. COMPETITION AIM

1. From all contestants, organizer will pick three best works based on: originality/attractiveness of the architectural solution, the architectural appearance, functionality and the ability to adjust proposed modules to production. All these criteria are equivalent
2. The three winning projects will be awarded the main prize:
 - Ist place – 1 000 EUR
 - IInd place – 500 EUR
 - IIIrd place – 250 EUR

VII. EVALUATION OF THE WINNERS

1. Evaluation and winner selection is carried by jury, which consist of “Ryterna modul” company director and professional independent architects as well as previous year competition winners.

Competition Secretary (any questions regarding competition): Vainius Gabalis, email: vainius.g@rmodul.com

Commission/Jury:

- Andrius Orlovas (JSC “Ryterna modul” director)
 - Arminas Sadzevičius (architect at ADEPT (Copenhagen, DK), Ryterna modul competition winner of 2016)
 - Donatas Cesiulis (architect at “Sprik”, Ryterna modul competition 3rd place winner 2014 and 2015 (Vilnius, LT))
 - Ignas Uogintas (architect and partner at “Do Architects” (Vilnius, LT))
 - Kęstutis Vaikšnoras (architect at “Dvieju grupė” (Kaunas, LT))
 - Milda Naujalytė (architect at Henning Larsen (Copenhagen, DK), Ryterna modul competition winner of 2016)
2. The jury will evaluate the works in a closed meeting in accordance with the following criteria:
 - Architectural solution originality;
 - Architectural appeal;
 - Functionality;
 - Ability to adjust proposed modules to production.
 - Cost saving solutions, use of proposed materials, design simplicity in regards to construction and fabrication
 - Communication lines (if any are necessary) and ability to reproduce other components.
 3. Competition dates:
 - End of registration - **2017 November 3rd**
 - Submission of the final work - **2018 January 4th 23:59 EET/UTC+2h**
 - Competition results announcement - **2018 January 22nd**

VIII. COMPETITION ORGANIZER RIGHTS AND RESPONSIBILITIES

1. During the competition organizer might advise participants on all the technical issues.
2. Organizer rewards first three place winners by signing a contract of sale with winners for their provided competition material.
3. The organizer reserves the right to publicize all material of the progress of the competition, as well as to post or otherwise share the works of the contestants with the general public at the end of the competition.
4. If it appears that the work is not original, it will be withdrawn from the competition.
5. The organizer reserves the right to use the visuals of projects on their website as well as a range of promotional material, identifying the author of the project. The organizer will also gain the right to manufacture a building according to the winner's project, firstly arranging acquisition agreement or other type of reward to the project author.