

## **THERE IS A NEW HOTEL AT BAM!**

### **Contest for two Bugs Hotels at BAM - Biblioteca degli Alberi Milano**

BAM - Biblioteca degli Alberi Milano, a Fondazione Riccardo Catella project in collaboration with its Media Partner Gardenia, is putting forward a contest for students, universities, designers, companies, craftspeople and professionals. The goal of the contest is to create and build two houses for pollinating insects (Bugs Hotels) inside the Biblioteca degli Alberi Milano public park. This document explains in which context these structures fit into and the characteristics that the Bugs Hotels should have in order for them to be effective in accommodating pollinating insects.

## **INTRODUCTION**

BAM - Biblioteca degli Alberi Milano is an innovative public-private partnership project between the Municipality of Milan, COIMA and Fondazione Riccardo Catella to care for a public park, Biblioteca degli Alberi, and to create a cultural and educational project open free-of-charge to the entire city. Since 2019, it has involved over 129,000 people with 1,120 cultural experiences in contact with nature.

Designed by the Dutch firm Inside|Outside Petra Blaisse, the Biblioteca degli Alberi Milano public park is an authentic botanical garden reinterpreted with a modern slant. It is being enriched by a 672-square-metre rose garden, which will be inaugurated and presented to the citizens in 2024. Its goal is to further biodiversity in the city by attracting and fostering the life cycle of pollinating species. The inclusion of this area designed by the landscape architect Franco Giorgetta is the result of an important project to upgrade and develop an urban park of the Municipality of Milan, which will exalt BAM's characteristics by extolling its aesthetic and biodiversity protection values. Annex A shows the ground plan of the rose garden area and the point where the two Bugs Hotels will be placed.

The Bugs Hotels will be introduced inside the rose garden, in an area of botanical richness with different species of nourishing and nectariferous plants that will encourage the settling and development of the most representative species of northern Italy entomological populations. These are particularly lepidoptera (butterflies), hymenoptera (bees, bumblebees), coleoptera (May bugs and ladybirds), and orthoptera (crickets and grasshoppers), etc. A detailed list of the nourishing and nectariferous species present in the area in question is provided in Annex B. For a more complete overview and an idea of the botanical richness of the park, please refer to the dedicated section on the website <https://bam.milano.it/collezione-botanica/>.

## **BRIEF**

The characteristics of the two homes for insects that will be built and positioned in the BAM rose garden are illustrated below. In order to guarantee the design quality standards that distinguish the park area, the Bugs Hotels should have an innovative design, yet taking into account the specificities and requirements to make the structures ideal places for BAM's pollinating insects.

Characteristics of the two Bugs Hotels:

1. The two structures should be built in an eco-friendly and long-lasting material. The material chosen should not overheat (metal structures will not be taken into consideration);
2. The two structures may be different or identical, provided that they are both fall within a coherent project;
3. The two structures should guarantee protection in the event of extended bad weather in order to not require extraordinary maintenance;
4. Any underground anchoring systems of the structures cannot exceed the depth of one metre;
5. If the design requires structural work (in reinforced concrete or metallic), it is necessary to deliver a Calculation Report for the structures in order to file the product to be built with the one-stop services desk for Building, which will be placed in the Inspection file of the rose garden structures;
6. The structures should be raised 1 metre above the ground;
7. The canes should have a diameter ranging from 4 to 12 mm (with the majority of the canes 8 mm), and should be about 60 cm long.

### **Minimum and maximum dimensions:**

Each Bugs Hotel must be included in an area having maximum dimensions of 2x1 m, and with a maximum height above the ground of 3 m.

### **Budget:**

The total budget for designing, building and installing two Bugs Hotels is €2500.

**Benefits for finalists and the winner:**

1. Mention of the finalists and winner on the BAM social media channels;
2. Article dedicated to the winning design on the BAM website [www.bam.milano.it](http://www.bam.milano.it);
3. Interview with the winner in the 'The Faces of BAM' column;
4. Invitation extended to the finalists to present their designs inside the Gardenia stand at the Orticola event in May 2023;
5. Mention of the winning design in an article dedicated to the project published in Gardenia in June.

**Documents requested:**

Documents to send to [info@bam.milano.it](mailto:info@bam.milano.it) named with bold face wording

1. **DOC 1:** Sheet describing the design and materials;
2. **DOC 2:** Three tables in A3 format that illustrate the design idea;
3. **DOC 3:** Technical-economic assessment of the execution costs and their appropriateness for the type of work;
4. **DOC 4** (optional): video to illustrate assembly of the prototype.

Documents to send or to delivery by hand to Fondazione Riccardo Catella, via G. de Castillia 28, 20124 Milan (Monday to Friday, from 9 am to noon and from 1 to 5 pm)

1. Prototype in 1:5 scale;

The contest winner will then be asked to develop the executive project with the support of the BAM team.

**Annexes:**

A - Rose garden ground plan with detail of the positioning of the Bugs Hotels inside the area;

B - Botanical list of the nourishing and nectariferous species of the project.

For a botanical list of the BAM species, please refer to the website <http://bam.milano.it/collezione-botanica/>.

**Who can take part:**

The contest is open to everyone: students, universities, designers, companies, craftspeople and professionals.

**How to take part:**

Participation is open and free of charge. Write expressing your interest in participating to the following email address [info@bam.milano.it](mailto:info@bam.milano.it) - specifying "BAM Bugs Hotel Contest" on the subject line.

**Deadlines and schedule:**

- 25 April 2023: contest closing. This is the deadline for sending all documents to [info@bam.milano.it](mailto:info@bam.milano.it) and send or hand-deliver the prototype to Fondazione Riccardo Catella, via G. de Castillia 28, 20124 Milan (Monday to Friday, from 9 am to noon and from 1 to 5 pm);
- 12 May 2023: presentation of the finalists at the Mostra Mercato Orticola di Lombardia (Orticola Flower Show);
- 31 May 2023: announcement of the winner;
- June 2023: article in the Gardenia magazine with photo shoot by Daniele Cavadini on BAM's flowering and biodiversity and publication of the winning design;
- Fall 2023: installation of Bugs Hotels;
- May 2024: inauguration of rose garden and Bugs Hotels with a rich cultural programme supervised by BAM.

**Scientific Committee:**

BAM has invited a Scientific Committee, whose members - experts on the subject and representatives of cultural and nature institutions - are able to assess the characteristics that should meet aesthetic, sustainability and functionality criteria.

The Committee members follow in alphabetical order:

Gianumberto Accinelli (Entomologist);

Beatrice Barni (Research and Hybridization Manager, Rose Barni); Riccardo Blumer (Architect and Designer);

Daniele Cavadini (Photographer specialised in Nature, Sciences, Gardening);

Francesca Colombo (General Cultural Director of BAM - Biblioteca degli Alberi Milano, Fondazione Riccardo Catella);

Gustavo Gandini (University of Milan, Department of Veterinary Medicine and Animal Sciences);

Franco Giorgetta (Landscape Architect);

Elena Eva Maria Grandi (Councillor for the Environment and Parks, Municipality of Milan); Martin Kater (Director of Brera Botanical Garden);

Domenico Piraina (Director of Museum of Natural History of Milan);

Emanuela Rosa-Clot (Editor of Bell'Italia, Bell'Europa, In Viaggio, Gardenia); Kelly Russell Catella (General Director of Fondazione Riccardo Catella).