TECHNOLOGICAL EFFICIENCY AND QUALITY

**Jury board: estimates the alleged score according to each criterion (potential score range is indicated in brackets).**

**Applicants: should provide required information on the project in the forms of explanatory note, drawings, infographics, videos etc.**

1. Application of new technologies — enclosing structures with the use of new technologies that make up less than 5% of the market and have been in used in Russia for no more than 10 years [1-5 points].

Answer:

1. Application of an original combination of technologies [1-3 points].

Answer:

1. Innovative design and technical solutions [1-3 points].

Answer:

1. Quality assurance measures in production, provide a description [1-3 points].

Answer:

1. Confirmation of the audit of the current quality control system (ISO or other) [3-5 points].

Answer:

1. Quality assurance measures in production, provide a description [1-3 points].

Answer:

1. Completeness of the project implementation by the nominee (underline as applicable) [1 point for each position]

a. Architecture development

b. Design development

c. Engineering systems development

d. Design project development

e. Construction of enclosing structures

f. Installation of engineering systems

g. Interior decoration

+ other positions [at the discretion of the jury experts, 1-20 points depending on the weight of the argument]

**The total maximum score is 49 points.**

SUSTAINABILITY AND COMFORT

**Jury board: estimates the alleged score according to each criterion (potential score range is indicated in brackets).**

**Applicants: should provide required information on the project in the forms of explanatory note, drawings, infographics.**

1. Providing an energy passport or declaration [2 points].

Answer:

1. Energy saving model analysis [2 points].

Answer:

1. Natural lighting model analysis [2 points].

Answer:

1. Ventilation system model analysis [2 points].

Answer:

1. Analysis of the homogeneity of structures [3 points].

Answer:

1. The presence of a ventilation system (mechanical, hybrid or other system with the possibility of regulation) [1 point].

Answer:

1. Provision of comfortable thermal fields (warm floor, air heating, etc.) [1 point].

Answer:

1. Automatic climate and ventilation control, including temperature, humidity and CO2 sensors [2-5 points].

Answer:

1. The results of instrumental surveys on energy saving (underline as applicable).

Thermal imager [1 point].

Hermeticity — wind door [3 points].

1. In 50% of the premises windows are installed on 2 or more sides [3 points].

Answer:

1. Ensuring the coefficient of natural illumination in living rooms above 3 (confirmed by model analysis or calculation) [3 points].

Answer:

1. Natural lighting is provided in all premises [3 points].

Answer:

1. No more than 15% windows installed to the North side [2 points].

Answer:

1. Volume-to-size ratio (the ratio of cooling surfaces to floor area) [1-3 points at the discretion of the expert].

Answer:

1. The ventilation system with recuperation [2 points].

Answer:

1. Provision of renewable energy system (solar collectors, solar panels, pilot boiler, wind generation, heat pump unit etc.) [3 points].

Answer:

1. Automatic control of artificial lighting [2 points].

Answer:

1. Automatic control of external solar shading [2 points].

Answer:

1. Optimality of the shape and orientation of the building [1-3 points at the discretion of the expert]

Answer:

**The total maximum score is 49 points.**

ARCHITECTURAL SOLUTIONS

Application format: essay, text description, presentation, video etc.

Compliance of the appearance of a building with the surrounding buildings, functional purpose and aesthetic preferences; originality, uniqueness, novelty of architecture and aesthetic perfection.

Harmonization with external buildings, compliance with the functional purpose, originality, coloristics, aesthetic appearance (expert assessment).

Expert assessment of the harmony of a building with external development, compliance with functional purpose, originality, aesthetics, ideality of color solutions. Data analysis of a design project or an architectural project, visual identification at the facility.

**The assessment is carried out by theexperts at their discretion with the potential score rate of 1 to 50 points.**

GRAND PRIX

**Grand Prix is awarded to the project with the highest score according to the cumulative assessment by the expert groups in all three nominations.**